

# Undergraduate Programs

## Undergraduate Degrees (Program Descriptions)

### Business, W. P. Carey School of

#### Accountancy, BS (BAACCBS)

**Campus:** Tempe, West, Online

**Program Description:** The W. P. Carey School of Accountancy works closely with its Professional Advisory Board to create a learning environment that emulates the real world by exploring applied processes and strategies. The BS program in accountancy prepares students by equipping them with critical thinking, team-building, communication and information technology skills along with accounting theories and procedures.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 210 - Brief Calculus

**Program Math Intensity:** Moderate

#### **Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

#### **Accelerated Program Options:**

This program allows students to choose a 3-year path while participating in the same high-quality educational experience of a 4-year option. Students can opt to fast-track their studies after acceptance into a participating program by connecting with their academic advisor. Fast track options appear at the top of the major map.

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

Accountancy and Data Analytics, MACC

Taxation and Data Analytics, MTax

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

#### **Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: First-year admission requirements: 1230 SAT Reasoning OR 25 ACT score, OR graduated in the top 8% of high school class, OR have an overall high school GPA of 3.40 in ASU competency courses (scale is 4.00 = "A").

First-year applicants should select an additional major when applying for admission. Additional choices may include any of the W. P. Carey business BA programs or any other degree program outside W. P. Carey School of Business. Students who are not admissible to a W. P. Carey business BS major and who did not select a second major or are not admissible to their second major choice will be placed in a business BA program in W. P. Carey School of Business.

Readmission requirements: Students must meet first-year admission requirements by way of high school GPA, test score or class rank and must have a transfer GPA of 3.00 (if applicable) and a cumulative ASU GPA of 3.00.

Transfer Admission Requirements: Transfer admission requirements (30 or more credit hours after high school): transfer GPA of 3.00 and one of the following: 1160 (prior to March 2016) or 1230 SAT Reasoning (after March 2016) OR 25 ACT score OR must have graduated in the top 8% of their high school class OR have an overall high school GPA of 3.40 in ASU competency courses (scale is 4.00 = "A").

Transfer students should select an additional major when applying for admission. Additional choices may include any of the school's BA programs or any other business or other degree program outside W. P. Carey School of Business.

Students who are admissible to the university but do not meet admission requirements for this program and who did not select a second major or are not admissible to their second major choice are placed in a Bachelor of Arts program in W. P. Carey School of Business. Students not interested in the program or campus location may reach out to [wpcareyug@asu.edu](mailto:wpcareyug@asu.edu) (<mailto:wpcareyug@asu.edu>) for assistance in selecting another degree program.

**Change of Major Requirements:** Students should visit the W. P. Carey School of Business (<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors>) website to determine if they meet change of major requirements. Students ready to change their major should submit their request through the school's Advising SOS (<https://apps.wpcarey.asu.edu/apps/advising/index.cfm>) platform. Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/accounting-degree/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BAACCBS~null + &college=CBA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Global Opportunities:**

Global Experience: As globalization continues to impact the way the world lives and works, international experiences have become vital to accountancy students. Through international study and internships, students can gain valuable skills employers are looking for: communication and interpersonal skills, flexibility, motivation, and a real-life perspective on business applications worldwide. Understanding international accounting methods helps students become more well-rounded and competitive in the accounting field. Accountancy students in particular benefit from thinking about participating in a Global Education program (<https://goglobal.asu.edu/>) early in their program. Students can leverage global opportunities and learning, great assets in the preparing for internships and provides unique experiences that they can share with recruiters.

The W. P. Carey School of Business recommends these programs (<https://goglobal.asu.edu/students/major/wp-carey/accountancy>) for students majoring in accountancy.

**Career Opportunities:** Accounting is a dynamic field, with diverse career opportunities in the private sector and in government agencies worldwide.

Graduates have the essential academic preparation and competitive edge they need for:

- a position in consulting or are planning to operate a business
- a position in personal financial planning and portfolio analysis
- a professional career in public, corporate and governmental accounting

The U.S. Bureau of Labor Statistics' Occupational Outlook Handbook (2018) states, "Employment of accountants and auditors is projected to grow 10% between 2016 and 2026, faster than the average for all occupations."

Graduates are also well-positioned to pursue a graduate degree or attend law school.

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

#### **Contact Information:**

Business, W. P. Carey School of  
School of Accountancy  
<https://wpcarey.asu.edu/undergraduate-degrees>  
BA 223Q

## Applied Business and Technology Solutions, BA (BAAPBTSBA)

**Campus:** Polytechnic, West, Online

**Program Description:** The BA program in applied business and technology solutions is designed to meet the needs of workforce learners who wish to complete an undergraduate degree in business. In this degree program, students can quickly access accounting, business analytics, computer information systems, economics, finance, management, marketing, process management and business ethics courses and directly connect what is taught in the classroom to their working environment. Applied internship courses in the program enable students to put what they are learning into practice, and emphasis areas allow students to further customize the degree to their working environments.

**Additional Program Fee:** N

**Second Language Requirement:** N

**First Required Math Course:** MAT 117 - College Algebra

**Program Math Intensity:** Moderate

### Concurrent Program Options:

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

### Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors. Students ready to change their major should submit their request through the Advising SOS (<https://apps.wpcarey.asu.edu/apps/advising/index.cfm>) platform.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

### Attend Online:

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/applied-business-technology-solutions/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

### Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BAAPBTSBA-null + &college=CBA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

### Global Opportunities:

Global Experience: As globalization continues to impact the way business functions, study abroad programs provide students valuable skills employers are looking for, including communication and interpersonal skills, flexibility, motivation, and a global perspective on business applications worldwide.

Business students can participate in Global Education programs (<https://go.global.asu.edu>) nearly anywhere in the world and gain valuable internship experience in many global business hubs, like Australia, Germany, England, Singapore, China and the United Arab Emirates.

The W. P. Carey School of Business recommends these programs (<https://goglobal.asu.edu/students/major/wp-carey/>) for students majoring in applied business and technology solutions.

**Career Opportunities:** The strong academic foundation in core business functions and customizability of this applied business and technology solutions program allows graduates to explore a variety of different fields.

**Contact Information:**

Business, W. P. Carey School of  
School of Technology, Innovation & Entrepreneurship  
<https://wpcarey.asu.edu/undergraduate-degrees>  
BA 160  
wpcareyug@asu.edu  
480-965-4227

## Business, BA (BABUSBA)

**Campus:** Polytechnic, Tempe, West

**Program Description:** The BA program in business provides an innovative, transdisciplinary approach to learning, which broadens career options upon graduation. Not only do students acquire a strong grounding in the principles of business, they also immerse themselves in coursework outside the business school, supplementing the business degree.

Students in the program learn how to apply core business knowledge in one of the following disciplines:

- agribusiness (global agribusiness)
- business administration
- communication
- corporate accounting
- food industry management
- global leadership
- global logistics management
- global politics
- health care
- human resources
- information security
- law
- language and cultures
- public service and public policy
- retail management
- sports business
- statistics
- sustainability
- technology
- tourism

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 210 - Brief Calculus or MAT 117 College Algebra

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: First-year admission requirements for this program are the same as the university's first-year admission requirements.

Readmission requirements: Students must have a transfer GPA of 3.00 (if applicable) and a cumulative ASU GPA of 3.00.

Transfer Admission Requirements: Transfer applicants must have a GPA of 3.00 for all transfer work and meet university transfer admission requirements. Transfer students should select an additional major, which must be outside W. P. Carey School of Business, when applying for

admission.

Students with fewer than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are placed in the exploratory social and behavioral sciences program in University College.

Students with more than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are prompted in My ASU to select a new major.

**Change of Major Requirements:** Students cannot change their major to this degree program. Students should submit a request through the business school's Advising SOS (<https://apps.wpcarey.asu.edu/apps/advising/index.cfm>) platform to declare a business concentration. Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BABUSBA~null + &college=CBA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: As globalization continues to impact the way business functions, study abroad programs (<https://goglobal.asu.edu/>) provide students valuable skills employers are looking for, including communication and interpersonal skills, flexibility, motivation and a global perspective on business applications worldwide. Business students can study abroad nearly anywhere in the world and participate in real-world case studies in global business hubs.

**Career Opportunities:** Students in this bachelor's degree program graduate from one of many concentrations in the W. P. Carey School of Business, and they should see those concentrations for career opportunities.

**Contact Information:**

Business, W. P. Carey School of  
Dean, W.P. Carey School of Business  
<https://wpcarey.asu.edu/undergraduate-degrees>  
BA 160  
wpcareyug@asu.edu  
480-965-4227

## Business (Business Administration), BA (BABUSBABA)

**Campus:** Polytechnic, West, ASU at Lake Havasu, ASU at The Gila Valley, Online

**Program Description:** In the BA program in business with a concentration in business administration, students gain a breadth of knowledge and the skills needed for managing business operations.

The program provides the full business core plus a concentration with 18 credit hours of coursework focused on skills such as forecasting demand; planning inventory; purchasing services; conducting skillful negotiations; building strategies for the future; and managing people, finances and risk.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 210 - Brief Calculus or MAT 117 College Algebra

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Global Management (Creative Industries and Design Thinking), MGM

Global Management (Digital Audience Strategy), MGM

Global Management (Global Affairs), MGM  
Global Management (Global Business), MGM  
Global Management (Global Development and Innovation), MGM  
Global Management (Global Digital Transformation), MGM  
Global Management (Global Entrepreneurship), MGM  
Global Management (Global Health Care Delivery), MGM  
Global Management (Global Legal Studies), MGM  
Global Management (Integrated Health Care), MGM  
Global Management (Nonprofit Leadership and Management), MGM  
Global Management (Public Administration), MGM  
Global Management (Public Policy), MGM  
Global Management (Sustainability Solutions), MGM  
Global Management (Sustainable Tourism), MGM  
Global Management, MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: First-year admission requirements for this program are the same as the university's first-year admission requirements.

Readmission requirements: Students must have a transfer GPA of 3.00 (if applicable) and a cumulative ASU GPA of 3.00.

Transfer Admission Requirements: Transfer applicants must have a GPA of 3.00 for all transfer work and meet university transfer admission requirements. Transfer students should select an additional major, which must be outside the W. P. Carey School of Business, when applying for admission.

Students with fewer than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are placed in the exploratory social and behavioral sciences program in University College.

Students with more than 45 transfer hours who are not admissible to the W. P. Carey School of Business will be contacted to select an appropriate major.

**Change of Major Requirements:** Students should visit the W. P. Carey School of Business (<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors>) website, to determine if they meet change of major requirements. Students ready to change their major should submit their request through the Advising SOS (<https://apps.wpcarey.asu.edu/apps/advising/index.cfm>) platform.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-business-concentration-business/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BABUSBABA-null + &college=CBA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: As globalization continues to impact the way the world lives and works, international experiences have become vital to success in business administration. Through international study and internships, students can gain valuable skills employers are looking for: communication and interpersonal skills, flexibility, motivation, and a real-life perspective on business applications worldwide. Immersion in a foreign culture will help students gain a new perspective on how to effectively manage people, finances and risk for organizations of all sizes. Participating in a Global Education program (<https://goglobal.asu.edu/>) contributes to this by allowing students to improve their interpersonal and language skills while broadening their understandings of international business practices.

The W. P. Carey School of Business recommends these programs (<https://goglobal.asu.edu/students/major/wp-carey/business-administration>) for students majoring in business administration.

**Career Opportunities:** Graduates are prepared to manage processes and people in a wide range of industries. Career opportunities include:

- administrative services manager
- business manager
- general and operations management
- sales manager
- training and development manager

**Contact Information:**

Business, W. P. Carey School of  
Dean, W.P. Carey School of Business  
<https://wpcarey.asu.edu/undergraduate-degrees>  
BA 160  
wpcareyug@asu.edu  
480-965-4227

## Business (Chinese Language and Culture), BA (BABUSCLBA)

**Campus:** Tempe

ASU is no longer accepting new students to this program. Students interested in pursuing a Chinese language track should apply to the language and culture concentration (<https://degrees.apps.asu.edu/bachelors/major/ASU00/BABSLACUBA/business-language-and-culture>) of the BA in business.

**Program Description:** The mission of the concentration in Chinese language and culture within the BA program in business is to create global business professionals who can function well culturally and linguistically in the business environment in China and domestically. As China becomes an increasingly important participant in the global economy, and as the manufacturing and financial sectors become more globalized, the need for business professionals skilled in communicating in the Chinese language is growing.

With a network of 26 flagship programs at 22 institutions of higher education across the U.S., the language flagship program graduates are prepared to take their place among the next generation of global professionals, commanding a superior level of proficiency in languages critical to U.S. national security and economic competitiveness. This program prepares participants to function professionally in Chinese within diverse business fields.

**Additional Program Fee:** Y

**Second Language Requirement:** Yes

**First Required Math Course:** MAT 210 - Brief Calculus

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: First-year admission requirements for this program are the same as the university's first-year admission requirements.

Readmission requirements: Students must have a transfer GPA of 3.00 (if applicable) and a cumulative ASU GPA of 3.00.

Transfer Admission Requirements: Transfer applicants must have a GPA of 3.00 for all transfer work and meet university transfer admission requirements. Transfer students should select an additional major, which must be outside W. P. Carey School of Business, when applying for

admission.

Students with fewer than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are placed in the exploratory social and behavioral sciences program in University College.

Students with more than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are prompted in My ASU to select a new major.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BABUSCLBA~null + &college=CBA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Global Opportunities:**

**Global Experience:** As globalization continues to impact the way business functions, study abroad programs provide vital experiences to students. Study abroad programs allow students in the Chinese language and culture concentration to practice language and cultural competency-building for global business success. Students gain valuable skills employers are looking for, including communication skills, flexibility, motivation and a global perspective on business applications worldwide. Successful graduates of this program are familiar with cultural customs and nuances of conducting business in China.

The W. P. Carey School of Business recommends these study abroad programs (<https://goglobal.asu.edu/students/major/wp-carey/chinese-language-culture>) for students majoring in business with a concentration in Chinese language and culture.

**Career Opportunities:** This degree program provides students with the fundamental business skills, linguistic training, critical thinking and intercultural competencies required to work in the increasingly globalized world markets that now rely on trade and commerce with China.

Graduates of this program are equipped to play a key role in companies and organizations seeking new markets or dealing with international interests in the U.S. and are suited to the demands of small-business enterprises as well as multinational companies.

Currently, there is a demand for Mandarin-speaking business professionals in the hotel and tourism industry and in the consulting, banking and finance, international trade, sports management and media fields.

#### **Contact Information:**

Business, W. P. Carey School of  
Dean, W.P. Carey School of Business  
<https://students.wpcarey.asu.edu/chinese-language-and-culture-advising>  
BA 160  
wpcareyug@asu.edu  
480-965-4227

## **Business (Communication), BA (BABUSCBA)**

**Campus:** Polytechnic, Tempe, West, ASU at Lake Havasu, Online

**Program Description:** The BA in business with a concentration in communication is an innovative, transdisciplinary program that prepares students for positions in a variety of professions in which business and communication play an important role in ensuring success.

Students complete rigorous courses within the communication concentration in addition to the skill and core courses required of all W. P. Carey School of Business majors.

Graduates have specific knowledge of business practices and the capacity to effectively communicate complex business information.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 210 - Brief Calculus or MAT 117 College Algebra

**Program Math Intensity:** Moderate

#### **Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.



**Accelerated Program Options:**

This program allows students to choose a 3-year path while participating in the same high-quality educational experience of a 4-year option. Students can opt to fast-track their studies after acceptance into a participating program by connecting with their academic advisor. Fast track options appear at the top of the major map.

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

- Communication, MA
- Global Management (Creative Industries and Design Thinking), MGM
- Global Management (Digital Audience Strategy), MGM
- Global Management (Global Affairs), MGM
- Global Management (Global Business), MGM
- Global Management (Global Development and Innovation), MGM
- Global Management (Global Digital Transformation), MGM
- Global Management (Global Entrepreneurship), MGM
- Global Management (Global Health Care Delivery), MGM
- Global Management (Global Legal Studies), MGM
- Global Management (Integrated Health Care), MGM
- Global Management (Nonprofit Leadership and Management), MGM
- Global Management (Public Administration), MGM
- Global Management (Public Policy), MGM
- Global Management (Sustainability Solutions), MGM
- Global Management (Sustainable Tourism), MGM
- Global Management, MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: First-year admission requirements for this program are the same as the university's first-year admission requirements.

Readmission requirements: Students must have a transfer GPA of 3.00 (if applicable) and a cumulative ASU GPA of 3.00.

Transfer Admission Requirements: Transfer applicants must have a GPA of 3.00 for all transfer work and meet university transfer admission requirements. Transfer students should select an additional major, which must be outside W. P. Carey School of Business, when applying for admission.

Students with fewer than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are placed in the exploratory social and behavioral sciences program in University College.

Students with more than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are prompted in My ASU to select a new major.

**Change of Major Requirements:** Students should visit the following W. P. Carey School of Business (<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors>) website to determine if they meet change of major requirements. Students ready to change their major should submit their request through the Advising SOS (<https://apps.wpcarey.asu.edu/apps/advising/index.cfm>) platform.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-business-concentration-communication/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BABUSCBA~null + &college=CBA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Global Opportunities:**

Global Experience: As globalization continues to impact the way the world lives and works, international experiences have become vital to business communication majors. Through international study and internships, students can gain valuable skills employers are looking for: communication and interpersonal skills, flexibility, motivation, and a real-life perspective on business applications worldwide. Understanding how to collaborate with diverse peers, persuade and negotiate, manage and work in a variety of teams, and connect with real-life customers will help students influence business success through effective communication. Participating in a Global Education program (<https://goglobal.asu.edu/>) contributes to this by allowing students to improve their interpersonal and language skills while broadening their understandings of international business practices.

The W. P. Carey School of Business recommends these programs (<https://goglobal.asu.edu/students/major/wp-carey/business-communication>) for students majoring in business communication.

**Career Opportunities:** Business communication has exploded as a distinct professional field as companies require rapid and considered responses, from conveying ordinary information to crisis communications. Historically, these positions have been staffed with people trained in communication, English, journalism or other fields but who lack specific business knowledge. Graduates of this program are qualified to enter these positions with knowledge that is useful immediately to potential employers and can quickly advance graduates' careers.

#### **Contact Information:**

Business, W. P. Carey School of  
Dean, W.P. Carey School of Business  
<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/communication>  
BA 160  
wpcareyug@asu.edu  
480-965-4227

## **Business (Corporate Accounting), BA (BABUSCABA)**

**Campus:** Online

**Program Description:** The BA program in business with a concentration in corporate accounting addresses the educational needs of many students who have an interest in accounting but no plans to enter public accounting.

The emphasis of this program is managerial accounting. The six major courses in the concentration prepare students for corporate accounting positions by helping them develop skills in strategic financial planning, control, corporate compliance and decision-making.

Upon completion of the program, students may take the Certified Management Accountant exam.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 210 - Brief Calculus or MAT 117 College Algebra

**Program Math Intensity:** Moderate

#### **Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

#### **Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: First-year admission requirements for this program are the same as the university's first-year admission requirements.

This program is not available to students with BA, BS or MS degrees in accountancy.

Readmission requirements: Students must have a transfer GPA of 3.00 (if applicable) and a cumulative ASU GPA of 3.00.

Transfer Admission Requirements: Transfer applicants must have a GPA of 3.00 for all transfer work and meet university transfer admission requirements. Transfer students should select an additional major, which must be outside the W. P. Carey School of Business, when applying for admission.

Students with fewer than 45 transfer credit hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are placed in the exploratory social and behavioral sciences program in University College.

Students with more than 45 transfer credit hours who are not admissible to University College are contacted to select an appropriate major.

**Change of Major Requirements:** Students should visit the following W. P. Carey School of Business website (<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors>), to determine if they meet change of major requirements. Students ready to change their major should submit their request through the Advising SOS (<https://apps.wpcarey.asu.edu/apps/advising/index.cfm>) platform. This program is not available to students who already hold a BA, BS or MS degree in accountancy.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-business-corporate-accounting/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BABUSCABA~null + &college=CBA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Global Opportunities:**

Global Experience: As globalization continues to impact the way the world lives and works, international experiences have become vital to success in corporate accounting. Through international study and internships, students can gain valuable skills employers are looking for: communication and interpersonal skills, flexibility, motivation, and a real-life perspective on business applications worldwide. International experiences helps students understand international accounting methods and grow their portfolio of marketable business skills that make them a competitive candidate in the corporate accounting industry. Participating in a Global Education program (<https://goglobal.asu.edu/>) contributes to this by allowing students to improve their interpersonal and language skills while broadening their understandings of international business practices.

The W. P. Carey School of Business recommends these programs (<https://goglobal.asu.edu/students/major/wp-carey/corporate-accounting>) for students majoring in corporate accounting.

**Career Opportunities:** Career opportunities are generally substantive and in high demand. Senior management roles for corporate accountants include chief financial officer positions. Currently, more than half the CFOs at larger corporations have formal accounting training. Projecting into the future, the longer term trend is for CFOs to have extensive corporate accounting training, particularly since CFOs at public U.S. corporations personally sign the financial statements.

Typical early- to mid-career positions held by corporate accountants include controllers, treasurers and vice presidents in areas like financial planning, divisional controlling, cost accounting directing, senior financial analysis and senior accounting. These positions typically report to the CFO.

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential

licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

**Contact Information:**

Business, W. P. Carey School of  
Dean, W.P. Carey School of Business  
<https://wpcarey.asu.edu/undergraduate-degrees>  
BA 160  
wpcareyug@asu.edu  
480-965-4227

## Business (Financial Planning), BA (BABUSFPBA)

**Campus:** Tempe, Online

**Program Description:** The BA program in business with a concentration in financial planning provides students with knowledge and experience in personal financial planning.

Students learn from leading faculty the necessary skills in finance, taxes, portfolio management, insurance and estate planning.

This program delivers to the next generation of financial planning professionals the knowledge and skills needed for developing solutions to clients' personal financial needs.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 210 - Brief Calculus or MAT 117 College Algebra

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: First-year admission requirements for this program are the same as the university's first-year admission requirements.

Readmission requirements: Students must have a transfer GPA of 3.00 (if applicable) and a cumulative ASU GPA of 3.00.

Transfer Admission Requirements: Transfer applicants must have a GPA of 3.00 for all transfer work and meet university transfer admission requirements. Transfer students should select an additional major, which must be outside the W. P. Carey School of Business, when applying for admission.

Students with fewer than 45 transfer credit hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are placed in an exploratory program.

Students with more than 45 transfer credit hours who are not admissible to an exploratory program will be contacted and asked to select an appropriate major.

**Change of Major Requirements:** Students should refer to the following W. P. Carey School of Business (<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors>) website to determine if they meet change of major requirements. Students ready to change their major should submit their request through the W. P. Carey School of Business Advising SOS (<https://apps.wpcarey.asu.edu/apps/advising/index.cfm>) platform. Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/financial-planning-business/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BABUSFPBA-null + &college=CBA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: With over 300 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad (<https://goglobal.asu.edu/>) is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs.

The W. P. Carey School of Business recommends these programs (<https://goglobal.asu.edu/students/major/wp-carey/financial-planning>) for students majoring in financial planning.

**Career Opportunities:** Financial planners are in high demand in the dynamic field of financial services and planning. Aging populations are paying closer attention to their finances as they approach retirement, and the rising need for financial planning services and advisors translates into huge opportunities for careers in this growing market. Employment of personal financial advisors is projected to grow 15% between 2016 and 2026, much faster than the average for all occupations.

Graduates of the Bachelor of Arts in financial planning can secure employment in the growing field of financial services and planning.

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

**Contact Information:**

Business, W. P. Carey School of  
Dean, W.P. Carey School of Business  
<https://wpcarey.asu.edu/undergraduate-degrees/programs>  
BAC 316  
wpcareyfin@asu.edu  
480-965-3131

## Business (Food Industry Management), BA (BABUSFIMBA)

**Campus:** Polytechnic, Online

**Program Description:** The BA program in business with a concentration in food industry management provides students with the knowledge and skills needed for leadership roles in the global food industry.

The program has been developed in close coordination with partners in the food industry and provides the full business core plus 21 credit hours of food industry coursework.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 210 - Brief Calculus or MAT 117 College Algebra

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Global Management (Creative Industries and Design Thinking), MGM  
Global Management (Data Science), MGM  
Global Management (Digital Audience Strategy), MGM  
Global Management (Global Affairs), MGM  
Global Management (Global Business), MGM  
Global Management (Global Development and Innovation), MGM  
Global Management (Global Digital Transformation), MGM  
Global Management (Global Entrepreneurship), MGM  
Global Management (Global Health Care Delivery), MGM  
Global Management (Global Legal Studies), MGM  
Global Management (Integrated Health Care), MGM  
Global Management (Nonprofit Leadership and Management), MGM  
Global Management (Public Administration), MGM  
Global Management (Public Policy), MGM  
Global Management (Sustainability Solutions), MGM  
Global Management (Sustainable Tourism), MGM  
Global Management, MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: First-year admission requirements for this program are the same as the university's first-year admission requirements.

Readmission requirements: Students must have a transfer GPA of 3.00 (if applicable) and a cumulative ASU GPA of 3.00.

Transfer Admission Requirements: Transfer applicants must have a GPA of 3.00 for all transfer work and meet university transfer admission requirements. Transfer students should select an additional major, which must be outside W. P. Carey School of Business, when applying for admission.

Students with fewer than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are placed in the exploratory social and behavioral sciences program in University College.

Students with more than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are prompted in My ASU to select a new major.

**Change of Major Requirements:** Students should visit the following W. P. Carey School of Business (<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors>) website to determine if they meet change of major requirements. Students ready to change their major should submit their request through the Advising SOS (<https://apps.wpcarey.asu.edu/apps/advising/index.cfm>) platform.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-food-industry-management/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BABUSFIMBA~null + &college=CBA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Global Opportunities:**

**Global Experience:** As globalization and growing populations continue to impact the way the world lives and works, international experiences have become vital to success in food industry management. Through international study and internships, students can gain valuable skills employers are looking for: communication and interpersonal skills, flexibility, motivation, and a real-life perspective on business applications worldwide.

Understanding global trends as consumer tastes and needs change will help students be a more prepared and competitive leader in a variety of food industry firms and organizations. Participating in a Global Education program (<https://goglobal.asu.edu/>) contributes to this by allowing students to improve their interpersonal and language skills while broadening their understandings of international business practices.

The W. P. Carey School of Business recommends these programs (<https://goglobal.asu.edu/students/major/wp-carey/food-industry-management>) for students majoring in food industry management.

**Career Opportunities:** This concentration in food industry management prepares students for business careers in the food industry, which is defined as the group of firms and organizations involved with manufacturing, marketing and distributing food beyond the farm to retail stores, restaurants and to institutions such as schools and hospitals. The industry is becoming increasingly competitive, sophisticated and global, and it shows a growing demand for professional management as one in six people are employed in the food industry nationwide, with 100,000 in Arizona.

#### **Contact Information:**

Business, W. P. Carey School of  
Morrison School of Agribusiness  
<https://wpcarey.asu.edu/undergraduate-degrees>  
SANTN 230  
wpcareyug@asu.edu  
480-727-5183

## **Business (Global Agribusiness), BA (BABUSGAGBA)**

**Campus:** Polytechnic

**Program Description:** The agribusiness industry is increasingly competitive, sophisticated and global, driving demand for innovative leaders who understand the industry's unique challenges and practices. The BA program in business with a concentration in global agribusiness teaches students the business of agricultural production, finance, marketing and distribution.

Through a technology-rich, applied, industry-oriented curriculum that focuses on real-world projects, students explore global agribusiness issues such as international trade, food safety and sustainability. It is specifically designed to meet the needs of students interested in studying the business aspects of agriculture in the domestic and global economy. Students learn to analyze and manage issues involved in food manufacturing, input and output supply activities, commodity trading and food distribution.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 210 - Brief Calculus or MAT 117 College Algebra

**Program Math Intensity:** Moderate

#### **Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

#### **Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

- Environmental and Resource Management, MS
- Global Management (Creative Industries and Design Thinking), MGM
- Global Management (Data Science), MGM
- Global Management (Digital Audience Strategy), MGM
- Global Management (Global Affairs), MGM
- Global Management (Global Business), MGM
- Global Management (Global Development and Innovation), MGM
- Global Management (Global Digital Transformation), MGM
- Global Management (Global Entrepreneurship), MGM

Global Management (Global Health Care Delivery), MGM  
Global Management (Global Legal Studies), MGM  
Global Management (Integrated Health Care), MGM  
Global Management (Nonprofit Leadership and Management), MGM  
Global Management (Public Administration), MGM  
Global Management (Public Policy), MGM  
Global Management (Sustainability Solutions), MGM  
Global Management (Sustainable Tourism), MGM  
Global Management, MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

#### **Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: First-year admission requirements for this program are the same as the university's first-year admission requirements.

Readmission requirements: Students must have a transfer GPA of 3.00 (if applicable) and a cumulative ASU GPA of 3.00.

Transfer Admission Requirements: Transfer applicants must have a GPA of 3.00 for all transfer work and meet university transfer admission requirements. Transfer students should select an additional major, which must be outside W. P. Carey School of Business, when applying for admission.

Students with fewer than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are placed in the exploratory social and behavioral sciences program in University College.

Students with more than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are prompted in My ASU to select a new major.

**Change of Major Requirements:** Students should refer to the following W. P. Carey School of Business (<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors>) website to determine if they meet change of major requirements. Students ready to change their major should submit their request through the Advising SOS (<https://apps.wpcarey.asu.edu/apps/advising/index.cfm>) platform. Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BABUSGAGBA~null + &college=CBA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Global Opportunities:**

Global Experience: As globalization continues to impact the way the world lives and works, international experiences have become vital to success in every field of business. Through international study and internships, students can gain valuable skills employers are looking for: communication and interpersonal skills, flexibility, motivation, and a real-life perspective on business applications worldwide. Participating in a Global Education program (<https://goglobal.asu.edu/>) contributes to this by allowing students to improve their interpersonal and language skills while broadening their understandings of international business practices.

The W. P. Carey School of Business recommends these programs (<https://goglobal.asu.edu/students/major/wp-carey/global-agribusiness>) for students majoring in global agribusiness.

**Career Opportunities:** Accounting for more than 50% of the global economy and employing 25% of Americans, agribusiness brings food from the farm to the global table. Possible career paths include positions with private agribusiness firms and governmental agencies in these fields:

- finance



- management
- marketing
- technology

**Contact Information:**

Business, W. P. Carey School of  
 Morrison School of Agribusiness  
<https://wpcarey.asu.edu/undergraduate-degrees>  
 SANTN 230  
 wpcareyug@asu.edu  
 480-727-5183

**Business (Global Leadership), BA (BABUSGBA)**

**Campus:** Online

**Program Description:** The BA program in business with a concentration in global leadership prepares students for careers in the global business environment.

Students develop strong business skills through global studies courses covering a variety of regions around the world. They also may choose to participate in an international study experience in a variety of countries around the globe.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 210 - Brief Calculus or MAT 117 College Algebra

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: First-year admission requirements for this program are the same as the university's first-year admission requirements.

Readmission requirements: Students must have a transfer GPA of 3.00 (if applicable) and a cumulative ASU GPA of 3.00.

Transfer Admission Requirements: Transfer applicants must have a GPA of 3.00 for all transfer work and meet university transfer admission requirements. Transfer students should select an additional major, which must be outside W. P. Carey School of Business, when applying for admission.

Students with fewer than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are placed in the exploratory social and behavioral sciences program in University College.

Students with more than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are prompted in My ASU to select a new major.

**Change of Major Requirements:** Students should refer to the following W. P. Carey School of Business (<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors>) website to determine if they meet change of major requirements. Students ready to change their major should submit their request through the Advising SOS

(<https://apps.wpcarey.asu.edu/apps/advising/index.cfm>) platform.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-business-global-leadership/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BABUSGBA~null + &college=CBA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: As globalization continues to impact the way the world lives and works, international experiences have become vital to success, especially in global leadership. Through international study and internships, students can gain valuable skills employers are looking for: communication and interpersonal skills, flexibility, motivation, and a real-life perspective on business applications worldwide. Through their courses, students become versed in cultural sensitivity and awareness, understanding and bridging cultural divides, and leveraging diversity for business gains. Students can apply these lessons through international experiences so that they will become a more competitive and prepared global leader. Participating in a Global Education program (<https://goglobal.asu.edu/>) contributes to this by allowing them to improve their interpersonal and language skills while broadening their understandings of international business practices.

The W. P. Carey School of Business recommends these programs (<https://goglobal.asu.edu/students/major/wp-carey/global-leadership>) for students majoring in global leadership.

**Career Opportunities:** A degree that incorporates solid business skills and global studies helps prepare students for employment in the global business world. Opportunities exist for qualified students to work either domestically or internationally in an international organization. This degree program augments business and leadership skills necessary in most corporations.

**Contact Information:**

Business, W. P. Carey School of  
Dean, W.P. Carey School of Business  
<https://wpcarey.asu.edu/undergraduate-degrees>  
BA 160  
wpcareyug@asu.edu  
480-965-4227

## Business (Global Logistics Management), BA (BABUSGLBA)

**Campus:** West, Online

**Program Description:** Logistics management focuses on the integration and partnerships necessary for meeting customer needs on a timely basis, with relevant and high-quality products produced and delivered in a service-effective manner.

This BA program in business with a concentration in global logistics management trains students to be strategic thinkers, excellent analysts, effective communicators and team leaders who are focused on efficiency, effectiveness and increasing revenue.

An efficient logistics management system is critical to the success of global corporations, ensuring the supply of goods and services flowing through the system closely matches the demand. Logistics management professionals manage, coordinate and transport products from raw materials to the finished goods that sit on a local store shelf or are offered by an online retailer. Efficient logistics is a key reason consumers can buy an ever-increasing variety of goods and services at remarkably low prices. Not surprisingly, logistics also plays a major role in the health care industry where efficient, effective delivery systems are gaining significant traction.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 210 - Brief Calculus or MAT 117 College Algebra

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

- Global Management (Creative Industries and Design Thinking), MGM
- Global Management (Digital Audience Strategy), MGM
- Global Management (Global Affairs), MGM
- Global Management (Global Business), MGM
- Global Management (Global Development and Innovation), MGM
- Global Management (Global Digital Transformation), MGM
- Global Management (Global Entrepreneurship), MGM
- Global Management (Global Health Care Delivery), MGM
- Global Management (Global Legal Studies), MGM
- Global Management (Integrated Health Care), MGM
- Global Management (Nonprofit Leadership and Management), MGM
- Global Management (Public Administration), MGM
- Global Management (Public Policy), MGM
- Global Management (Sustainability Solutions), MGM
- Global Management (Sustainable Tourism), MGM
- Global Management, MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

#### **Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: First-year admission requirements for this program are the same as the university's first-year admission requirements.

Readmission requirements: Students must have a transfer GPA of 3.00 (if applicable) and a cumulative ASU GPA of 3.00.

Transfer Admission Requirements: Transfer applicants must have a GPA of 3.00 for all transfer work and meet university transfer admission requirements. Transfer students should select an additional major, which must be outside W. P. Carey School of Business, when applying for admission.

Students with fewer than 45 transfer credit hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are placed in the exploratory social and behavioral sciences program in University College.

Students with more than 45 transfer credit hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are prompted in My ASU to select a new major.

**Change of Major Requirements:** Students should refer to the W. P. Carey School of Business (<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors>) website to determine if they meet change of major requirements. Students ready to change their major should submit their request through the business school's Advising SOS (<https://apps.wpcarey.asu.edu/apps/advising/index.cfm>) platform. Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-business-global-logistics-management/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use

MyPath2ASU® (<https://webapp4.asu.edu/transferecreditguide/app/transfermap?major=BABUSGLBA-null + &college=CBA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Through international study and internships, students can gain valuable skills employers are looking for: communication and interpersonal skills, flexibility, motivation, and a real-life perspective on business applications worldwide. Participation in a Global Education program (<https://goglobal.asu.edu/>) allows students to improve their interpersonal and language skills while broadening their understandings of international business practices.

The W. P. Carey School of Business recommends these programs (<https://goglobal.asu.edu/students/major/wp-carey/global-logistics-management>) for students majoring in global logistics management.

**Career Opportunities:** Logistics management professionals hold a range of job titles and engage in a wide variety of activities in the private, nonprofit and governmental sectors. Apple and Walmart CEOs previously held logistics-related positions at those organizations. This demonstrates the high value of leaders who understand the importance of logistics for enterprise success.

**Contact Information:**

Business, W. P. Carey School of  
Department of Supply Chain Management  
<https://wpcarey.asu.edu/undergraduate-degrees>  
FAB N106  
wpcareyug@asu.edu  
480-965-6044

## Business (Global Politics), BA (BABUSGPBA)

**Campus:** Tempe

**Program Description:** The BA program in business with a concentration in global politics teaches students solid business skills with a global perspective, enabling them to realize and analyze the relationship between business and social science.

Students in this program complete the rigorous courses within the global politics concentration in addition to the skill and core courses required of all W. P. Carey School of Business majors.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 210 - Brief Calculus or MAT 117 College Algebra

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

- Global Management (Creative Industries and Design Thinking), MGM
- Global Management (Digital Audience Strategy), MGM
- Global Management (Global Affairs), MGM
- Global Management (Global Business), MGM
- Global Management (Global Development and Innovation), MGM
- Global Management (Global Digital Transformation), MGM
- Global Management (Global Entrepreneurship), MGM
- Global Management (Global Health Care Delivery), MGM
- Global Management (Global Legal Studies), MGM
- Global Management (Integrated Health Care), MGM
- Global Management (Nonprofit Leadership and Management), MGM
- Global Management (Public Administration), MGM
- Global Management (Public Policy), MGM

Global Management (Sustainability Solutions), MGM  
Global Management (Sustainable Tourism), MGM  
Global Management, MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

#### **Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: First-year admission requirements for this program are the same as the university's first-year admission requirements.

Readmission requirements: Students must have a transfer GPA of 3.00 (if applicable) and a cumulative ASU GPA of 3.00.

Transfer Admission Requirements: Transfer applicants must have a GPA of 3.00 for all transfer work and meet university transfer admission requirements. Transfer students should select an additional major, which must be outside W. P. Carey School of Business, when applying for admission.

Students with fewer than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are placed in the exploratory social and behavioral sciences program in University College.

Students with more than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are prompted in My ASU to select a new major.

**Change of Major Requirements:** Students should refer to the following W. P. Carey School of Business (<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors>) website to determine if they meet change of major requirements. Students ready to change their major should submit their request through the Advising SOS (<https://apps.wpcarey.asu.edu/apps/advising/index.cfm>) platform. Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BABUSGPBA~null + &college=CBA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Global Opportunities:**

Global Experience: As globalization continues to impact the way business functions, study abroad programs (<https://goglobal.asu.edu/>) provide vital experiences, allowing business students opportunities to practice cultural competency building for global business success.

Students gain valuable skills employers are looking for, including communication skills, flexibility, motivation and a global perspective on business applications worldwide.

The W. P. Carey School of Business recommends these programs (<https://goglobal.asu.edu/students/major/wp-carey/global-politics>) for students majoring in business with a concentration in global politics.

**Career Opportunities:** Graduates of the global politics concentration think critically about global problems and integrate inquiry and action in order to become responsible leaders. Successful graduates have a firm understanding of how the relationship between a local marketplace and politics can impact global decisions. They are prepared to successfully launch careers in many fields including:

- campaign and issue management
- information analysis
- public relations

**Contact Information:**

Business, W. P. Carey School of  
Dean, W.P. Carey School of Business  
<https://wpcarey.asu.edu/undergraduate-degrees>  
BA 160  
wpcareyug@asu.edu  
480-965-4227

## Business (Health Care), BA (BABUSHCBA)

**Campus:** West

**Program Description:** The BA program in business with a concentration in health care prepares students to operate within the challenging and dynamic health care industry by helping them develop skills and acquire knowledge through one of its five specialized tracks: health care analytics, communication, coordination, innovation and delivery.

This program provides students with core business skills such as computer information systems, accounting, basic economic theory, finance, management, marketing and supply chain management as well as in-depth knowledge in relation to the business of health care.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 210 - Brief Calculus or MAT 117 College Algebra

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

- Global Management (Creative Industries and Design Thinking), MGM
- Global Management (Digital Audience Strategy), MGM
- Global Management (Global Affairs), MGM
- Global Management (Global Business), MGM
- Global Management (Global Development and Innovation), MGM
- Global Management (Global Digital Transformation), MGM
- Global Management (Global Entrepreneurship), MGM
- Global Management (Global Health Care Delivery), MGM
- Global Management (Global Legal Studies), MGM
- Global Management (Integrated Health Care), MGM
- Global Management (Nonprofit Leadership and Management), MGM
- Global Management (Public Administration), MGM
- Global Management (Public Policy), MGM
- Global Management (Sustainability Solutions), MGM
- Global Management (Sustainable Tourism), MGM
- Global Management, MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: First-year admission requirements for this program are the same as the university's first-year admission requirements.

Readmission requirements: Students must have a transfer GPA of 3.00 (if applicable) and a cumulative ASU GPA of 3.00.

Transfer Admission Requirements: Transfer applicants must have a GPA of 3.00 for all transfer coursework and meet university transfer admission requirements. Transfer students should select an additional major, which must be outside the W. P. Carey School of Business, when applying for admission.

Students with fewer than 45 transfer credit hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are placed in the exploratory social and behavioral sciences program in University College.

Students with more than 45 transfer credit hours who are not admissible to University College are contacted to select an appropriate major.

**Change of Major Requirements:** Students should refer to the following W. P. Carey School of Business (<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors>) website to determine if they meet change of major requirements. Students ready to change their major should submit their request through the Advising SOS (<https://apps.wpcarey.asu.edu/apps/advising/index.cfm>) platform. Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BABUSHCBA~null + &college=CBA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Global Opportunities:**

Global Experience: As globalization continues to impact the way the world lives and works, international experiences have become vital to our health care communities across the world. Through international study and internships, students can gain valuable skills employers are looking for: communication and interpersonal skills, flexibility, motivation and a real-life perspective on business applications worldwide. Immersion in a foreign culture will help students gain a new perspective on how to provide critical health care for diverse populations of various backgrounds. Participating in a Global Education program (<https://goglobal.asu.edu/>) contributes to this by allowing students to improve their interpersonal and language skills while broadening their understandings of international business practices.

The W. P. Carey School of Business recommends these programs (<https://goglobal.asu.edu/students/major/wp-carey/business-health-care>) for students majoring in business health care.

**Career Opportunities:** Graduates possess the ability to understand different stakeholders in complex environments, and they are prepared for careers in the public or private health care setting related to health care management, administration, access, analytics and policy setting.

#### **Contact Information:**

Business, W. P. Carey School of  
Dean, W.P. Carey School of Business  
<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/business-health-care>  
FAB N106  
wpcareyug@asu.edu  
602-543-6200

## **Business (Human Resources), BA (BABUSHRBA)**

**Campus:** Polytechnic, Online

**Program Description:** The BA program in business with a concentration in human resources involves both theoretical and applied concepts, with a focus on practical and applied aspects of human resources.

This degree is applicable to any business or governmental organization as all have a need to manage their personnel services.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 210 - Brief Calculus or MAT 117 College Algebra

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

#### **Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: First-year admission requirements for this program are the same as the university's first-year admission requirements.

Readmission requirements: Students must have a transfer GPA of 3.00 (if applicable) and a cumulative ASU GPA of 3.00.

Transfer Admission Requirements: Transfer applicants must have a GPA of 3.00 for all transfer work and meet university transfer admission requirements. Transfer students should select an additional major, which must be outside W. P. Carey School of Business, when applying for admission.

Students with fewer than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are placed in the exploratory social and behavioral sciences program in University College.

Students with more than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are prompted in My ASU to select a new major.

**Change of Major Requirements:** Students should visit the W. P. Carey School of Business (<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors>) website to determine if they meet change of major requirements. Students ready to change their major should submit their request through the business school's Advising SOS (<https://apps.wpcarey.asu.edu/apps/advising/index.cfm>) platform. Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-business-human-resources/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BABUSHRBA~null + &college=CBA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Global Opportunities:**

Global Experience: Participation in a Global Education program (<https://goglobal.asu.edu/>), through international study and internships, enables students to broaden their understanding of international business practices and gain valuable skills employers are looking for: communication and interpersonal skills, flexibility, motivation, and a real-life perspective on business applications worldwide.

The W. P. Carey School of Business recommends these programs (<https://goglobal.asu.edu/students/major/wp-carey/human-resources>) for students majoring in human resources.

**Career Opportunities:** The bachelor's degree program in business with a concentration in human resources provides students with the knowledge, abilities, and comprehensive set of skills that allow them to move into any business, industry or governmental organization and perform necessary human resource tasks.

There is growing demand for human resources professionals to handle issues like corporate social responsibility and ethics, sustainability, workplace diversity and inclusion and labor relations.

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential



licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

**Contact Information:**

Business, W. P. Carey School of  
Department of Management and Entrepreneurship  
<https://wpcarey.asu.edu/undergraduate-degrees>  
SANTN 230  
wpcareyug@asu.edu  
480-727-5183

## Business (Information Security), BA (BABUSISBA)

**Campus:** West, Online

**Program Description:** Data security has become an everyday part of business operations. Protecting key stakeholders and clients is an essential aspect for businesses of all sizes and types.

The BA program in business with a concentration in information security provides students with core business skills as well as the basic critical and technical skills necessary to understand cyber threats, risks and security in the business setting. Students discover why data security and risk management are critical parts of daily business operations, and they learn about cyber infrastructure and information security in the context of startups and enterprises across industries.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 210 - Brief Calculus or MAT 117 College Algebra

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

- Global Management (Creative Industries and Design Thinking), MGM
- Global Management (Digital Audience Strategy), MGM
- Global Management (Global Affairs), MGM
- Global Management (Global Business), MGM
- Global Management (Global Development and Innovation), MGM
- Global Management (Global Digital Transformation), MGM
- Global Management (Global Entrepreneurship), MGM
- Global Management (Global Health Care Delivery), MGM
- Global Management (Global Legal Studies), MGM
- Global Management (Integrated Health Care), MGM
- Global Management (Nonprofit Leadership and Management), MGM
- Global Management (Public Administration), MGM
- Global Management (Public Policy), MGM
- Global Management (Sustainability Solutions), MGM
- Global Management (Sustainable Tourism), MGM
- Global Management, MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: First-year admission requirements for this program are the same as the university's first-year admission requirements.

Readmission requirements: Students must have a transfer GPA of 3.00 (if applicable) and a cumulative ASU GPA of 3.00.

Transfer Admission Requirements: Transfer applicants must have a GPA of 3.00 for all transfer work and must meet university transfer admission requirements. Transfer students should select an additional major, which must be outside the W. P. Carey School of Business, when applying for admission.

Students with fewer than 45 transfer credit hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are placed in the exploratory social and behavioral sciences program in University College.

**Change of Major Requirements:** Students should refer to the W. P. Carey School of Business (<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors>) website to determine if they meet change of major requirements. Students ready to change their major should submit their request through the Advising SOS (<https://apps.wpcarey.asu.edu/apps/advising/index.cfm>) platform. Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/information-security-business-degree/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BABUSISBA~null + &college=CBA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Global Opportunities:**

Global Experience: As globalization continues to impact the way the world lives and works, international experiences have become vital for businesses that rely on information technology and security. Through international study and internships, students can gain valuable skills employers are looking for: communication and interpersonal skills, flexibility, motivation and a real-life perspective on business applications worldwide. Immersion in a foreign culture will help students gain a new perspective on how to manage digital business across borders with various organizations. Participating in a Global Education program (<https://goglobal.asu.edu/>) contributes to this by allowing students to improve their interpersonal and language skills while broadening their understandings of international business practices.

The W. P. Carey School of Business recommends these programs (<https://goglobal.asu.edu/students/major/wp-carey/business-information-security>) for students majoring in information security.

**Career Opportunities:** This is an ideal degree for those interested in anything from small-business startups to the management of large cybersecurity companies. Graduates are prepared for managing digital business, working in organizations that predominantly conduct business online, and developing basic information security technical competency relevant for most organizations.

#### **Contact Information:**

Business, W. P. Carey School of  
Dean, W.P. Carey School of Business  
<https://wpcarey.asu.edu/undergraduate-degrees/admission-requirements>  
FAB N101  
wpcadmissions@asu.edu  
602-543-6200

## **Business (Language and Culture), BA (BABSLACUBA)**

**Campus:** Tempe, West

**Program Description:** The BA in business with a concentration in language and culture is an innovative, transdisciplinary program that prepares students for positions in a variety of professions in which business and communication play an important role in ensuring success.

Students complete rigorous courses in Chinese, French, Italian or Spanish languages in addition to the skill and core courses required of all W. P. Carey School of Business students, enabling them to become business professionals who can function well culturally and linguistically in the business environments of both international and domestic markets.

**Additional Program Fee:** Y

**Second Language Requirement:** Yes

**First Required Math Course:** MAT 210 - Brief Calculus or MAT 117 College Algebra

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

- Global Management (Creative Industries and Design Thinking), MGM
- Global Management (Data Science), MGM
- Global Management (Digital Audience Strategy), MGM
- Global Management (Global Affairs), MGM
- Global Management (Global Business), MGM
- Global Management (Global Development and Innovation), MGM
- Global Management (Global Digital Transformation), MGM
- Global Management (Global Entrepreneurship), MGM
- Global Management (Global Health Care Delivery), MGM
- Global Management (Global Legal Studies), MGM
- Global Management (Integrated Health Care), MGM
- Global Management (Nonprofit Leadership and Management), MGM
- Global Management (Public Administration), MGM
- Global Management (Public Policy), MGM
- Global Management (Sustainability Solutions), MGM
- Global Management (Sustainable Tourism), MGM
- Global Management, MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: First-year admission requirements for this program are the same as the university's first-year admission requirements.

Readmission requirements: Students must have a transfer GPA of 3.00 (if applicable) and a cumulative ASU GPA of 3.00.

Transfer Admission Requirements: Transfer applicants must have a GPA of 3.00 for all transfer work and meet university transfer admission requirements. Transfer students should select an additional major, which must be outside the W. P. Carey School of Business, when applying for admission.

Students with fewer than 45 transfer credit hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are placed in the exploratory social and behavioral sciences program in University College.

Students with more than 45 transfer credit hours who are not admissible to University College are contacted to select an appropriate major.

**Change of Major Requirements:** Students should refer to the W. P. Carey School of Business (<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors>) website to determine if they meet change of major requirements. Students ready to change their major

should submit their request through the Advising SOS (<https://apps.wpcarey.asu.edu/apps/advising/index.cfm>) platform. Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BABSLACUBA-null + &college=CBA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Global Opportunities:**

**Global Experience:** As globalization continues to impact the way the world lives and works, international experiences have become vital to language and culture majors and provide vital experiences to students, allowing them opportunities to build critical skills in navigating cultural customs and understanding the nuances of conducting international business. Through international study and internships, students can gain valuable skills employers are looking for: communication and interpersonal skills, flexibility, motivation, and a real-life perspective on business applications worldwide.

Nearly 90% of surveyed executive recruiters believe bilingualism is critical to global business success, according to the Korn/Ferry International Executive Recruiter Index. Participation in a Global Education program (<https://goglobal.asu.edu/>) contributes to this by enabling students to improve their interpersonal and language skills while broadening their understandings of international business practices.

The W. P. Carey School of Business recommends the language and culture administration global education program (<https://goglobal.asu.edu/students/major/wp-carey/language-culture>), the Chinese language and culture administration global education program (<https://goglobal.asu.edu/students/major/wp-carey/chinese-language-culture>) and the Spanish language and culture administration global education program (<https://goglobal.asu.edu/students/major/wp-carey/spanish-language-culture>) for students majoring in language and culture.

**Career Opportunities:** Graduates of this program are equipped to play a key role in companies and organizations seeking new markets or dealing with international interests domestically. The demand for multilingual business professionals is strong in the hotel and tourism industry and in consulting, banking and finance, international trade, sports management and media companies.

#### **Contact Information:**

Business, W. P. Carey School of  
Dean, W.P. Carey School of Business  
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BA 160  
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480-965-4227

## **Business (Law), BA (BABUSLBA)**

**Campus:** Tempe, Online

**Program Description:** The BA in business with a concentration in law is an innovative, transdisciplinary program intended to prepare students for positions in a variety of professions in which business and law play an important role in ensuring success.

The law concentration, with its strong business background, gives students a systematic framework for analyzing real-world legal regulation and corresponding business risks and liabilities. Students in this program complete rigorous courses within the law concentration in addition to the skill and core courses required of all W. P. Carey School of Business majors.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 210 - Brief Calculus or MAT 117 College Algebra

**Program Math Intensity:** Moderate

#### **Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

#### **Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Global Management (Creative Industries and Design Thinking), MGM  
Global Management (Digital Audience Strategy), MGM  
Global Management (Global Affairs), MGM  
Global Management (Global Business), MGM  
Global Management (Global Development and Innovation), MGM  
Global Management (Global Digital Transformation), MGM  
Global Management (Global Entrepreneurship), MGM  
Global Management (Global Health Care Delivery), MGM  
Global Management (Global Legal Studies), MGM  
Global Management (Integrated Health Care), MGM  
Global Management (Nonprofit Leadership and Management), MGM  
Global Management (Public Administration), MGM  
Global Management (Public Policy), MGM  
Global Management (Sustainability Solutions), MGM  
Global Management (Sustainable Tourism), MGM  
Global Management, MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

#### **Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: First-year admission requirements for this program are the same as the university's first-year admission requirements.

Readmission requirements: Students must have a transfer GPA of 3.00 (if applicable) and a cumulative ASU GPA of 3.00.

Transfer Admission Requirements: Transfer applicants must have a GPA of 3.00 for all transfer work and meet university transfer admission requirements. Transfer students should select an additional major, which must be outside W. P. Carey School of Business, when applying for admission.

Students with fewer than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are placed in the exploratory social and behavioral sciences program in University College.

Students with more than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are prompted in My ASU to select a new major.

**Change of Major Requirements:** Students should refer to the W. P. Carey School of Business (<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors>) website to determine if they meet change of major requirements. Students ready to change their major should submit their request through the Advising SOS (<https://apps.wpcarey.asu.edu/apps/advising/index.cfm>) platform.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/business-law-major/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BABUSLBA-null + &college=CBA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Global Opportunities:**

**Global Experience:** As globalization continues to impact the way business functions, study abroad programs provide vital experiences to students, allowing them opportunities to practice cultural competency building for global business success. Students gain valuable skills employers seek, including communication skills, flexibility, motivation and a global perspective on business applications worldwide. Successful graduates of the law concentration have a firm understanding of how the relationship between a local marketplace and local laws can impact global decisions.

The W. P. Carey School of Business recommends these programs (<https://goglobal.asu.edu/students/major/wp-carey/business-law>) for students majoring in business.

**Career Opportunities:** Graduates of the law concentration pursue careers in the business world, and exposure in the program to aspects of law and legal issues assists their career goals. Graduates are prepared to use their skills in a variety of industries ranging from new business ventures to corporate or agency compliance.

#### **Contact Information:**

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480-965-4227

## **Business (Public Service and Public Policy), BA (BABUSPBA)**

**Campus:** Tempe

**Program Description:** The BA program in business with a concentration in public service and public policy combines strong business skills with topics in public policy and public administration. Students become familiar with leading a public organization and the process of policy development. They also examine the public sector through multiple lenses and address its challenges in a practical way.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 210 - Brief Calculus or MAT 117 College Algebra

**Program Math Intensity:** Moderate

#### **Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

#### **Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

- Global Management (Creative Industries and Design Thinking), MGM
- Global Management (Digital Audience Strategy), MGM
- Global Management (Global Affairs), MGM
- Global Management (Global Business), MGM
- Global Management (Global Development and Innovation), MGM
- Global Management (Global Digital Transformation), MGM
- Global Management (Global Entrepreneurship), MGM
- Global Management (Global Health Care Delivery), MGM
- Global Management (Global Legal Studies), MGM
- Global Management (Integrated Health Care), MGM
- Global Management (Nonprofit Leadership and Management), MGM
- Global Management (Public Administration), MGM
- Global Management (Public Policy), MGM
- Global Management (Sustainability Solutions), MGM
- Global Management (Sustainable Tourism), MGM
- Global Management, MGM

the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: First-year admission requirements for this program are the same as the university's first-year admission requirements.

Readmission requirements: Students must have a transfer GPA of 3.00 (if applicable) and a cumulative ASU GPA of 3.00.

Transfer Admission Requirements: Transfer applicants must have a GPA of 3.00 for all transfer work and meet university transfer admission requirements. Transfer students should select an additional major, which must be outside W. P. Carey School of Business, when applying for admission.

Students with fewer than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are placed in the exploratory social and behavioral sciences program in University College.

Students with more than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are prompted in My ASU to select a new major.

**Change of Major Requirements:** Students should refer to the W. P. Carey School of Business (<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors>) website to determine if they meet change of major requirements. Students ready to change their major should submit their request through the Advising SOS (<https://apps.wpcarey.asu.edu/apps/advising/index.cfm>) platform.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BABUSPBA~null + &college=CBA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: As globalization continues to impact the way business functions, study abroad programs provide vital experiences to students, who gain valuable skills employers are seeking, including communication skills, flexibility, motivation and a real-life perspective on business applications worldwide. Successful graduates of the public service and public policy concentration have a firm understanding of how the relationship between a local marketplace and public policy can impact global decisions.

The W. P. Carey School of Business recommends these programs (<https://goglobal.asu.edu/students/major/wp-carey/public-service-public-policy>) for students majoring in business with a concentration in public service and public policy.

**Career Opportunities:** There is an increase in job opportunities in the public sector for graduates due to retiring workers and an increasing demand for public services. Through comprehensive coverage of topics in public policy and public administration, the degree program prepares students for work in public, nonprofit and private sectors.

The program also offers preparation for students who wish to pursue graduate degrees in:

- law
- nonprofit administration or other public service
- policy-oriented areas
- public administration
- public policy

**Contact Information:**

Business, W. P. Carey School of

Dean, W.P. Carey School of Business  
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480-965-4227

## Business (Retail Management), BA (BABUSRBA)

**Campus:** Online

**Program Description:** The BA program in business with a concentration in retail management provides a business curriculum focused on the knowledge and skills needed for leadership roles in the retail industry.

The degree program has been developed in collaboration with faculty and industry professionals to provide a curriculum responsive to industry needs. Drawing on coursework from four areas in the concentration, the program offers the full business core plus 18 credit hours of retail-specific coursework, providing students with the broad preparation and leadership skills required today.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 210 - Brief Calculus or MAT 117 College Algebra

**Program Math Intensity:** Moderate

### Concurrent Program Options:

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

### Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: First-year admission requirements for this program are the same as the university's first-year admission requirements.

Readmission requirements: Students must have a transfer GPA of 3.00 (if applicable) and a cumulative ASU GPA of 3.00.

Transfer Admission Requirements: Transfer applicants must have a GPA of 3.00 for all transfer work and meet university transfer admission requirements.

Transfer students should select an additional major, which must be outside W. P. Carey School of Business, when applying for admission.

Students with fewer than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are placed in the exploratory social and behavioral sciences program in University College.

Students with more than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are prompted in My ASU to select a new major.

**Change of Major Requirements:** Students should refer to the W. P. Carey School of Business (<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors>) website to determine if they meet change of major requirements. Students ready to change their major should submit their request through the business school's Advising SOS (<https://apps.wpcarey.asu.edu/apps/advising/index.cfm>) platform. Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

### Attend Online:

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-business-retail-management/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

### Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use



MyPath2ASU® (<https://webapp4.asu.edu/transferecreditguide/app/transfermap?major=BABUSRBA~null + &college=CBA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Participation in international study and internships through a Global Education program (<https://goglobal.asu.edu/>) enables business students to broaden their understanding of international business practices while gaining valuable skills employers are looking for: improved communication and interpersonal skills, flexibility, motivation, and a real-life perspective on business applications worldwide.

The W. P. Carey School of Business recommends these programs (<https://goglobal.asu.edu/students/major/wp-carey/retail-management>) for students majoring in retail management.

**Career Opportunities:** Graduates are ready to assume positions of responsibility in the retail industry. Several anticipated career opportunities for graduates are:

- administrative services manager
- business manager
- food service manager
- general and operations management
- management analyst
- operations specialist
- purchasing or buying manager
- sales manager
- training and development manager
- wholesale and manufacturing representative

**Contact Information:**

Business, W. P. Carey School of  
Department of Marketing  
<https://wpcarey.asu.edu/undergraduate-degrees>  
BA 160  
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480-965-4227

## Business (Sports Business), BA (BABUSMSBA)

**Campus:** Tempe, West, Online

**Program Description:** The BA program in business with a concentration in sports business is attractive to students with an interest in the sports industry.

Students acquire the skills necessary to build knowledge and understanding of the development of the strategic business process in sports organizations and its relationship to media. The program offers a strong focus on applied elements of the sports industry, especially as it relates to media and its impact on the industry.

The proliferation of mass communication, including television, game systems and social networks, has transformed sports into a highly commercialized industry and, in turn, sports continue to generate revenues for these businesses. The interaction between sports and media has led to a multitude of applications of business knowledge to these fields.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 210 - Brief Calculus or MAT 117 College Algebra

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Global Management (Creative Industries and Design Thinking), MGM  
Global Management (Digital Audience Strategy), MGM  
Global Management (Global Affairs), MGM  
Global Management (Global Business), MGM  
Global Management (Global Development and Innovation), MGM  
Global Management (Global Digital Transformation), MGM  
Global Management (Global Entrepreneurship), MGM  
Global Management (Global Health Care Delivery), MGM  
Global Management (Global Legal Studies), MGM  
Global Management (Integrated Health Care), MGM  
Global Management (Nonprofit Leadership and Management), MGM  
Global Management (Public Administration), MGM  
Global Management (Public Policy), MGM  
Global Management (Sustainability Solutions), MGM  
Global Management (Sustainable Tourism), MGM  
Global Management, MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

#### **Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: First-year admission requirements for this program are the same as the university's first-year admission requirements.

Readmission requirements: Students must have a transfer GPA of 3.00 (if applicable) and a cumulative ASU GPA of 3.00.

Transfer Admission Requirements: Transfer applicants must have a GPA of 3.00 for all transfer work and meet university transfer admission requirements. Transfer students should select an additional major, which must be outside W. P. Carey School of Business, when applying for admission.

Students with fewer than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are placed in the exploratory social and behavioral sciences program in University College.

Students with more than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are prompted in My ASU to select a new major.

**Change of Major Requirements:** Students should refer to the W. P. Carey School of Business (<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors>) website to determine if they meet change of major requirements. Students ready to change their major should submit their request through the business school's Advising SOS (<https://apps.wpcarey.asu.edu/apps/advising/index.cfm>) platform. Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/sports-business-degree/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BABUSMSBA~null + &college=CBA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in

their college journey.

**Global Opportunities:**

Global Experience: With over 300 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire a global perspective and knowledge in preparation for their career. Through global experiences provided by the Global Education Office (<https://goglobal.asu.edu>), students gain valuable skills employers seek, such as communication skills, flexibility, motivation and a global perspective on business applications worldwide.

Business students can study abroad nearly anywhere in the world, including in global business hubs. The W. P. Carey School of Business recommends these programs (<https://goglobal.asu.edu/students/major/wp-carey/sports-business>) for students with a concentration in sports business.

**Career Opportunities:** Graduates of this concentration find opportunities in mass communication, including television, game systems and social networks. Career opportunities for graduates could include jobs with titles such as:

- administrative service manager
- advertising and sponsorship salesperson
- agent
- business manager
- event planner
- management analyst
- operations specialist
- purchasing or buying manager
- wholesale and manufacturing representative

**Contact Information:**

Business, W. P. Carey School of  
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## Business (Statistics), BA (BABUSTABA)

**Campus:** West

**Program Description:** The BA program in business with a concentration in statistics is designed for students interested in a curriculum that helps them develop solid business skills with an emphasis in mathematics and statistics. The program involves theoretical and applied statistics with a focus on practical and applied aspects of statistics.

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 210 - Brief Calculus or MAT 117 College Algebra

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

- Global Management (Creative Industries and Design Thinking), MGM
- Global Management (Data Science), MGM
- Global Management (Digital Audience Strategy), MGM
- Global Management (Global Affairs), MGM
- Global Management (Global Business), MGM

Global Management (Global Development and Innovation), MGM  
Global Management (Global Digital Transformation), MGM  
Global Management (Global Entrepreneurship), MGM  
Global Management (Global Health Care Delivery), MGM  
Global Management (Global Legal Studies), MGM  
Global Management (Integrated Health Care), MGM  
Global Management (Nonprofit Leadership and Management), MGM  
Global Management (Public Administration), MGM  
Global Management (Public Policy), MGM  
Global Management (Sustainability Solutions), MGM  
Global Management (Sustainable Tourism), MGM  
Global Management, MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

#### **Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: First-year admission requirements for this program are the same as the university's first-year admission requirements.

Readmission requirements: Students must have a transfer GPA of 3.00 (if applicable) and a cumulative ASU GPA of 3.00.

Transfer Admission Requirements: Transfer applicants must have a GPA of 3.00 for all transfer work and meet university transfer admission requirements. Transfer students should select an additional major, which must be outside W. P. Carey School of Business, when applying for admission.

Students with fewer than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are placed in the exploratory social and behavioral sciences program in University College.

Students with more than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are prompted in My ASU to select a new major.

**Change of Major Requirements:** Students should refer to the W. P. Carey School of Business (<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors>) website to determine if they meet change of major requirements. Students ready to change their major should submit their request through the Advising SOS (<https://apps.wpcarey.asu.edu/apps/advising/index.cfm>) platform.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® ([https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BABUSTABA-null + &college=CBA](https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BABUSTABA-null+%&college=CBA)) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Global Opportunities:**

Global Experience: As globalization continues to impact the way the world lives and works, international experiences have become vital to success in every field of business. Through a Global Education program (<https://goglobal.asu.edu/>), students can gain valuable skills employers are looking for: communication and interpersonal skills, flexibility, motivation, and a real-life perspective on business applications worldwide. Understanding statistical methods used internationally helps students become more well-rounded and competitive in their chosen field. Participating in a Global Education program contributes to this by allowing them to improve their interpersonal and language skills while broadening their understandings of international business practices.

The W. P. Carey School of Business recommends these programs (<https://goglobal.asu.edu/students/major/wp-carey/statistics>) for students majoring in statistics.

**Career Opportunities:** Graduates of this program are prepared to move into business or governmental positions, using statistics to help make

decisions and solve problems. They find positions such as:

- financial analysts
- market and survey researchers
- personal financial advisors
- statisticians

**Contact Information:**

Business, W. P. Carey School of  
Dean, W.P. Carey School of Business  
<https://wpcarey.asu.edu/undergraduate-degrees>  
FAB N101  
wpcareyug@asu.edu  
602-543-6200

## Business (Sustainability), BA (BABUSSBA)

**Campus:** Polytechnic, Tempe, West, Online

**Program Description:** The BA in business with a concentration in sustainability is an innovative, transdisciplinary program that combines the latest trends in business with cutting-edge knowledge of sustainability.

Students in this program complete rigorous courses within the sustainability concentration in addition to the skill and core courses required of all W. P. Carey School of Business majors. Graduates are prepared for positions in a variety of professions in which both business and sustainability play important roles.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 210 - Brief Calculus or MAT 117 College Algebra

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

- Global Management (Creative Industries and Design Thinking), MGM
- Global Management (Digital Audience Strategy), MGM
- Global Management (Global Affairs), MGM
- Global Management (Global Business), MGM
- Global Management (Global Development and Innovation), MGM
- Global Management (Global Digital Transformation), MGM
- Global Management (Global Entrepreneurship), MGM
- Global Management (Global Health Care Delivery), MGM
- Global Management (Global Legal Studies), MGM
- Global Management (Integrated Health Care), MGM
- Global Management (Nonprofit Leadership and Management), MGM
- Global Management (Public Administration), MGM
- Global Management (Public Policy), MGM
- Global Management (Sustainability Solutions), MGM
- Global Management (Sustainable Tourism), MGM
- Global Management, MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)  
International (<https://admission.asu.edu/international/undergrad-apply>)  
Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: First-year admission requirements for this program are the same as the university's first-year admission requirements.

Readmission requirements: Students must have a transfer GPA of 3.00 (if applicable) and a cumulative ASU GPA of 3.00.

Transfer Admission Requirements: Transfer applicants must have a GPA of 3.00 for all transfer work and meet university transfer admission requirements. Transfer students should select an additional major, which must be outside W. P. Carey School of Business, when applying for admission.

Students with fewer than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are placed in the exploratory social and behavioral sciences program in University College.

Students with more than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are prompted in My ASU to select a new major.

**Change of Major Requirements:** Students should refer to the W. P. Carey School of Business (<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors>) website to determine if they meet change of major requirements. Students ready to change their major should submit their request through the Advising SOS (<https://apps.wpcarey.asu.edu/apps/advising/index.cfm>) platform. Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-business-sustainability/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BABUSSBA~null + &college=CBA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Global Opportunities:**

Global Experience: As globalization continues to impact the way the world lives and works, international experiences have become vital to business sustainability majors. Through a Global Education program (<https://goglobal.asu.edu/>), students can gain valuable skills employers are looking for: communication and interpersonal skills, flexibility, motivation, and a real-life perspective on business applications worldwide. Understanding global sustainability perspectives will help students rethink the nature of business and allow them to gain the knowledge necessary to influence growth, improve returns on capital and improve risk management through sustainability. Participating in a Global Education program contributes to this by allowing them to improve their interpersonal and language skills while broadening their understandings of international business practices.

The W. P. Carey School of Business recommends these programs (<https://goglobal.asu.edu/students/major/wp-carey/business-sustainability>) for students majoring in sustainability.

**Career Opportunities:** Finding ways to grow and prosper while reducing the stress on the global environment is a critical issue facing today's society. Interest in sustainability issues is growing and most likely will be increasingly important to business in the next few years.

People around the world are asking serious questions about how they can understand, evaluate and act on issues related to sustainability while making sensible business decisions for both the now and the future. Qualified individuals are needed, those who understand that ensuring success involves the societal, scientific and business aspects of the issues. Graduates from this degree program fill these needs.

#### **Contact Information:**

Business, W. P. Carey School of  
Dean, W.P. Carey School of Business

<https://wpcarey.asu.edu/undergraduate-degrees>

BA 160

wpcareyug@asu.edu

480-965-4227

## Business (Technology), BA (BABUSTCBA)

**Campus:** Polytechnic

**Program Description:** The BA in business with a concentration in technology is an innovative, transdisciplinary degree program intended to prepare students for positions in a variety of professions in which business and technology play an important role.

This program incorporates business knowledge and a strong skill set in technology and is designed to help students realize and analyze the relationship between business and technology.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 210 - Brief Calculus or MAT 117 College Algebra

**Program Math Intensity:** Moderate

### Concurrent Program Options:

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

### Accelerated Program Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

Global Management (Creative Industries and Design Thinking), MGM

Global Management (Digital Audience Strategy), MGM

Global Management (Global Affairs), MGM

Global Management (Global Business), MGM

Global Management (Global Development and Innovation), MGM

Global Management (Global Digital Transformation), MGM

Global Management (Global Entrepreneurship), MGM

Global Management (Global Health Care Delivery), MGM

Global Management (Global Legal Studies), MGM

Global Management (Integrated Health Care), MGM

Global Management (Nonprofit Leadership and Management), MGM

Global Management (Public Administration), MGM

Global Management (Sustainability Solutions), MGM

Global Management (Sustainable Tourism), MGM

Global Management, MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

### Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Additional Requirements:** First-year admission requirements for this program are the same as the university's first-year admission requirements.

**Readmission requirements:** Students must have a transfer GPA of 3.00 (if applicable) and a cumulative ASU GPA of 3.00.

**Transfer Admission Requirements:** Transfer applicants must have a GPA of 3.00 for all transfer work and meet university transfer admission requirements. Transfer students should select an additional major, which must be outside W. P. Carey School of Business, when applying for admission.

Students with fewer than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are placed in the exploratory social and behavioral sciences program in University College.

Students with more than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are prompted in My ASU to select a new major.

**Change of Major Requirements:** Students should refer to the W. P. Carey School of Business (<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors>) website to determine if they meet change of major requirements. Students ready to change their major should submit their request through the Advising SOS (<https://apps.wpcarey.asu.edu/apps/advising/index.cfm>) platform. Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BABUSTCBA-null + &college=CBA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Global Opportunities:**

**Global Experience:** As globalization continues to impact the way the world lives and works, international experiences have become vital to success in every field of business. Through international study and internships, students can gain valuable skills employers are looking for: communication and interpersonal skills, flexibility, motivation, and a real-life perspective on business applications worldwide. Participating in a Global Education program (<https://goglobal.asu.edu/>) contributes to this by allowing them to improve their interpersonal and language skills while broadening their understandings of international business practices.

The W. P. Carey School of Business recommends these programs (<https://goglobal.asu.edu/students/major/wp-carey/technology>) for students majoring in business technology.

**Career Opportunities:** Graduates with a bachelor's degree in business with a concentration in technology bring a solid background in business to technology companies and also the ability to apply their technological skills in a variety of industries.

#### **Contact Information:**

Business, W. P. Carey School of  
Dean, W.P. Carey School of Business  
<https://wpcarey.asu.edu/undergraduate-degrees>  
SANTN 230  
wpcareyug@asu.edu  
480-727-5183

## **Business (Tourism), BA (BABUSTBA)**

**Campus:** Tempe, Online

**Program Description:** The BA in business with a concentration in tourism is an innovative, transdisciplinary program that prepares students for positions in a variety of professions in which business and tourism play important roles in ensuring success.

Students in this program complete rigorous courses within the tourism concentration in addition to the skill and core courses required of all W. P. Carey School of Business majors.

Developing tourism and recreation opportunities requires an understanding of effective marketing techniques and the ability to interact with many different types of businesses that support those efforts. With a solid academic preparation in business, graduates are positioned for success in the tourism industry and affiliated professions.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 210 - Brief Calculus or MAT 117 College Algebra

**Program Math Intensity:** Moderate

#### **Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap



in curriculum.

### **Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

- Global Management (Creative Industries and Design Thinking), MGM
- Global Management (Digital Audience Strategy), MGM
- Global Management (Global Affairs), MGM
- Global Management (Global Business), MGM
- Global Management (Global Development and Innovation), MGM
- Global Management (Global Digital Transformation), MGM
- Global Management (Global Entrepreneurship), MGM
- Global Management (Global Health Care Delivery), MGM
- Global Management (Global Legal Studies), MGM
- Global Management (Integrated Health Care), MGM
- Global Management (Nonprofit Leadership and Management), MGM
- Global Management (Public Administration), MGM
- Global Management (Public Policy), MGM
- Global Management (Sustainability Solutions), MGM
- Global Management (Sustainable Tourism), MGM
- Global Management, MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

### **Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: First-year admission requirements for this program are the same as the university's first-year admission requirements.

Readmission requirements: Students must have a transfer GPA of 3.00 (if applicable) and a cumulative ASU GPA of 3.00.

Transfer Admission Requirements: Transfer applicants must have a GPA of 3.00 for all transfer work and meet university transfer admission requirements. Transfer students should select an additional major, which must be outside W. P. Carey School of Business, when applying for admission.

Students with fewer than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are placed in the exploratory social and behavioral sciences program in University College.

Students with more than 45 transfer hours who are not admissible to a W. P. Carey School of Business major and who did not select a second major or are not admissible to their second major choice are prompted in My ASU to select a new major.

**Change of Major Requirements:** Students should refer to the W. P. Carey School of Business (<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors>) website to determine if they meet change of major requirements. Students ready to change their major should submit their request through the Advising SOS (<https://apps.wpcarey.asu.edu/apps/advising/index.cfm>) platform.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

### **Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-business-tourism/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BABUSTBA~null + &college=CBA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

**Global Experience:** As globalization continues to impact the way people live and work, study abroad programs provide students with valuable skills employers are looking for, including communication and interpersonal skills, flexibility, motivation and a global perspective on business applications worldwide. Business students can study abroad nearly anywhere in the world to gain practical, hands-on experience and learn how tourism impacts the local and global economy and best practices.

The W. P. Carey School of Business recommends these programs (<https://goglobal.asu.edu/students/major/wp-carey/tourism>) for students majoring in business with a concentration in tourism.

**Career Opportunities:** Tourism management and development combines marketing and economic development with an emphasis on managerial understanding to promote smooth operations. The combination of skills acquired from exposure to both business and tourism courses make graduates more marketable and productive in their careers.

**Contact Information:**

Business, W. P. Carey School of  
Dean, W.P. Carey School of Business  
<https://wpcarey.asu.edu/undergraduate-degrees>  
BA 160  
wpcareyug@asu.edu  
480-965-4227

## Business Data Analytics, BS (BABDABS)

**Campus:** Tempe, Online

**Program Description:** The BS program in business data analytics prepares business students with the requisite knowledge, skills and experience to create and manage big data initiatives and associated business processes in order to facilitate large-scale business data analytics in organizations.

Students learn organizational and technical competencies to implement data gathering, cleansing, integration and modeling tasks as well as data asset analysis for business applications. The program covers data warehousing, dimensional modeling, big data analytics methods and visualization tools and techniques, and it introduces topics such as data mining and predictive analytics.

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 210 - Brief Calculus

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to choose a 3-year path while participating in the same high-quality educational experience of a 4-year option. Students can opt to fast-track their studies after acceptance into a participating program by connecting with their academic advisor. Fast track options appear at the top of the major map.

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

Business Analytics, MS  
Global Management (Creative Industries and Design Thinking), MGM  
Global Management (Data Science), MGM  
Global Management (Digital Audience Strategy), MGM  
Global Management (Global Affairs), MGM  
Global Management (Global Business), MGM  
Global Management (Global Development and Innovation), MGM  
Global Management (Global Digital Transformation), MGM  
Global Management (Global Entrepreneurship), MGM  
Global Management (Global Health Care Delivery), MGM  
Global Management (Global Legal Studies), MGM  
Global Management (Integrated Health Care), MGM  
Global Management (Nonprofit Leadership and Management), MGM  
Global Management (Public Administration), MGM  
Global Management (Public Policy), MGM  
Global Management (Sustainability Solutions), MGM  
Global Management (Sustainable Tourism), MGM  
Global Management, MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

#### **Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: First-year admission requirements: 1230 SAT Reasoning OR 25 ACT score, OR graduated in the top 8% of high school class, OR an overall high school GPA of 3.40 in ASU competency courses (scale is 4.00 = "A").

First-year applicants should select an additional major when applying for admission. Additional choices may include any of the W. P. Carey business BA programs or any other degree program outside W. P. Carey School of Business. Students who are not admissible to a W. P. Carey business BS major and who did not select a second major or are not admissible to their second major choice will be placed in a business BA program in the W. P. Carey School of Business.

Readmission requirements: must meet first-year admission requirements by way of high school GPA, test score or class rank and must have a transfer GPA of 3.00 (if applicable) and a cumulative ASU GPA of 3.00.

Transfer Admission Requirements: Transfer admission requirements (30 or more credit hours after high school): transfer GPA of 3.00 and one of the following: 1160 (prior to March 2016) or 1230 SAT Reasoning (after March 2016) OR 25 ACT score OR the student must have graduated in the top 8% of their high school class OR have an overall high school GPA of 3.40 in ASU competency courses (scale is 4.00 = "A").

Transfer students should select an additional major when applying for admission. Additional choices may include any of the school's BA programs or any other business or other degree program outside W. P. Carey School of Business.

Students who are admissible to the university but do not meet admission requirements for this program and did not select a second major or are not admissible to their second major choice will be placed in a Bachelor of Arts program in W. P. Carey School of Business. Students not interested in the degree or campus location may reach out to [wpcareyug@asu.edu](mailto:wpcareyug@asu.edu) (<mailto:wpcareyug@asu.edu>) for assistance selecting another degree program.

**Change of Major Requirements:** Students should review W. P. Carey School of Business minimum requirements (<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors>) to determine if they meet change of major requirements. Students ready to change their major should submit their request through the school's Advising SOS (<https://apps.wpcarey.asu.edu/apps/advising/index.cfm>) platform. Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-business-data-analytics/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BABDABS~null + &college=CBA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: As globalization continues to impact the way the world lives and works, international experiences have become vital to business data analytics students. Through international study and internships, students can gain valuable skills employers are looking for: communication and interpersonal skills, flexibility, motivation, and a real-life perspective on business applications worldwide. International experiences can help students understand new perspectives in the usage of data at an international scale. Business data analytics students in particular benefit from thinking about participating in a Global Education program (<https://goglobal.asu.edu/>) early in their program. Students can leverage global opportunities and learning, great assets in the preparing for internships and provides unique experiences that they can share with recruiters.

The W. P. Carey School of Business recommends these programs (<https://goglobal.asu.edu/students/major/wp-carey/business-data-analytics>) for students majoring in business data analytics.

**Career Opportunities:** The demand for employees with business analytics skills is strong, with close to 89% of employers indicating their needs for new recruits skilled in business data analytics will increase in the future source: Occupational Information Network.

Graduates can become data analysts, data architects, data visualization developers, data change agents and data operators. Many graduates serve as architects, change agents and analytics tool suite operators for business and government.

**Contact Information:**

Business, W. P. Carey School of  
Department of Information Systems  
<https://wpcarey.asu.edu/undergraduate-degrees>  
BA 601  
wpcareyis@asu.edu  
480-965-3252

## Business Entrepreneurship, BS (BABUENTBS)

**Campus:** Tempe

**Program Description:** The BS program in business entrepreneurship prepares students to identify, evaluate and develop entrepreneurial opportunities in existing companies or through new ventures.

The program emphasizes collaboration, leadership, communication and team-building as well as development of refined analytical, managerial and leadership skills appropriate for people who want to change the world through innovation. Students in the program frequently collaborate with students from across the university, for a breadth of understanding in all business disciplines and a depth of understanding in opportunity recognition, feasibility, management of resources and strategy.

Students completing the program understand the unique requirements of an entrepreneur and have learned how to effectively identify market opportunities, innovative solutions and execution strategies.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 210 - Brief Calculus

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to choose a 3-year path while participating in the same high-quality educational experience of a 4-year option. Students can opt to fast-track their studies after acceptance into a participating program by connecting with their academic advisor. Fast track options appear at the top of the major map.

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

- Global Management (Creative Industries and Design Thinking), MGM
- Global Management (Data Science), MGM
- Global Management (Digital Audience Strategy), MGM
- Global Management (Global Affairs), MGM
- Global Management (Global Business), MGM
- Global Management (Global Development and Innovation), MGM
- Global Management (Global Digital Transformation), MGM
- Global Management (Global Entrepreneurship), MGM
- Global Management (Global Health Care Delivery), MGM
- Global Management (Global Legal Studies), MGM
- Global Management (Integrated Health Care), MGM
- Global Management (Nonprofit Leadership and Management), MGM
- Global Management (Public Administration), MGM
- Global Management (Public Policy), MGM
- Global Management (Sustainability Solutions), MGM
- Global Management (Sustainable Tourism), MGM
- Global Management, MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

#### **Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: First-year admission requirements: 1230 SAT Reasoning OR 25 ACT score, OR graduated in the top 8% of high school class, OR have an overall high school GPA of 3.40 in ASU competency courses (scale is 4.00 = "A").

First-year applicants should select an additional major when applying for admission. Additional choices may include any of the W. P. Carey business BA programs or any other degree program outside of the W. P. Carey School of Business. Students who are not admissible to a W. P. Carey business BS major and who did not select a second major or are not admissible to their second major choice are placed in a business BA program in the W. P. Carey School of Business.

Readmission requirements: Students must meet first-year admission requirements by way of high school GPA, test score or class rank and must have a transfer GPA of 3.00 (if applicable) and a cumulative ASU GPA of 3.00.

Transfer Admission Requirements: Transfer admission requirements (30 or more credit hours after high school): Students must have a transfer GPA of 3.00 and one of the following: 1160 (prior to March 2016) or 1230 SAT Reasoning (after March 2016) OR 25 ACT score OR the student must have graduated in the top 8% of their high school class OR have an overall high school GPA of 3.40 in ASU competency courses (scale is 4.00 = "A").

Transfer students should select an additional major when applying for admission. Additional choices may include any of the school's BA programs or any other business or other degree program outside W. P. Carey School of Business.

Students who are admissible to the university but do not meet admission requirements for this degree and did not select a second major or are not admissible to their second major choice will be placed in a Bachelor of Arts program in W. P. Carey School of Business. Students not interested in the degree or campus location may reach out to [wpcareyug@asu.edu](mailto:wpcareyug@asu.edu) (<mailto:wpcareyug@asu.edu>) for assistance selecting another degree program.

**Change of Major Requirements:** Students should refer to the W. P. Carey School of Business (<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors>) website to determine if they meet change of major requirements. Students ready to change their major should submit their request through the school's Advising SOS (<https://apps.wpcarey.asu.edu/apps/advising/index.cfm>) platform.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BABUENTBS-null + &college=CBA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

**Global Experience:** As globalization continues to impact the way the world lives and works, international experiences have become vital to success in every field of business, especially business entrepreneurship.

Global Education programs (<https://goglobal.asu.edu/>) can provide exposure to global startups and how different countries approach entrepreneurship. Through international study and internships, students can gain valuable skills employers are looking for: communication and interpersonal skills, flexibility, motivation, and a real-life perspective on business applications worldwide. International experience will help students learn to identify global market trends and opportunities and strategically execute innovative entrepreneurial solutions that will ignite change and make an impact. Participation in a Global Education program contributes to this by enabling students to improve their interpersonal and language skills while broadening their understandings of international business practices.

The W. P. Carey School of Business recommends these programs (<https://goglobal.asu.edu/students/major/wp-carey/business-entrepreneurship>) for students majoring in business entrepreneurship.

**Career Opportunities:** Graduates may follow multiple self-directed paths such as starting a new venture or nonprofit organization, working for a new venture or a small business, or working as an innovative leader within an existing organization.

**Contact Information:**

Business, W. P. Carey School of  
Department of Management and Entrepreneurship  
<https://wpcarey.asu.edu/undergraduate-degrees>  
BA 318  
wpcareymgt@asu.edu  
480-965-3431

## Business Exploratory, (BABUSEXP)

**Campus:** Tempe

**Program Description:** Virtually every profession and organization uses business in some way. Business exploratory program students have an opportunity to explore a variety of areas in business prior to selecting one of these nine majors:

- accountancy
- business data analytics
- business entrepreneurship
- computer information systems
- economics
- finance
- management
- marketing
- supply chain management

Students have an opportunity to work with world-class faculty in an environment that values high-quality teaching. Majors in the W. P. Carey School of Business provide students with the skills and knowledge needed in today's companies --- whether they are starting their own businesses or working in large multinational corporations. Additionally, many graduates attend some of the other top-tier graduate schools in the country in a variety of disciplines.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 210 - Brief Calculus

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap

in curriculum.

#### **Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Additional Requirements:** This major has higher admission standards. First-year admission requirements: Students must have achieved a 1230 SAT Reasoning or 25 ACT score, OR the student must have graduated in the top 8% of their high school class OR have an overall high school GPA of 3.40 in ASU competency courses (scale is 4.00 = "A").

**Transfer Admission Requirements:** For students who hold 30 or more transfer credit hours after high school: Students must have a transfer GPA of 3.00 and a score of 1160 (prior to March 2016) or 1230 SAT Reasoning (after March 2016) OR 25 ACT score, OR the student must have graduated in the top 8% of their high school class OR have an overall high school GPA of 3.40 in ASU competency courses (scale is 4.00 = "A").

**Change of Major Requirements:** Students are not permitted to change their major to this degree program. Students admitted to this exploratory program who are ready to declare their major should submit their request through the Advising SOS

(<https://apps.wpcarey.asu.edu/apps/advising/index.cfm>) platform.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BABUSEXP~null + &college=CBA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Global Opportunities:**

**Global Experience:** As globalization continues to impact the way the world lives and works, international experiences have become vital to success in every field of business. Through any of the more than 300 available Global Education programs (<https://goglobal.asu.edu/>), students can gain valuable skills employers are looking for: communication and interpersonal skills, flexibility, motivation, and a real-life perspective on business applications worldwide.

**Career Opportunities:** Students in business exploratory have the opportunity to graduate from one of many BS degree programs in the W. P. Carey School of Business. For career opportunities, students should see the options highlighted in those specific programs.

#### **Contact Information:**

Business, W. P. Carey School of

Prebusiness Office

<https://wpcarey.asu.edu/undergraduate-degrees>

BA 160

[wpcareyug@asu.edu](mailto:wpcareyug@asu.edu)

480-965-4227

## **Computer Information Systems, BS (BACISBS)**

**Campus:** Tempe, Online

**Program Description:** Computer information systems are part of every business and organization. In this degree program, students learn about the exciting and innovative ways that information technology is used to help organizations succeed.

Dedicated faculty members teach students how to design, build and maintain information systems that support business operations and managerial decision-making. In particular, students learn about business intelligence for competitive advantage, business process for workflow redesign, data management for decision-making, distributed systems for collaboration and globalization, enterprise integration for synergy, project management and solution development for value creation.

#### **STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website.

The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 210 - Brief Calculus

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to choose a 3-year path while participating in the same high-quality educational experience of a 4-year option. Students can opt to fast-track their studies after acceptance into a participating program by connecting with their academic advisor. Fast track options appear at the top of the major map.

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

Information Systems Management, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: First-year admission requirements: Students must have a score of 1230 SAT Reasoning OR 25 ACT score, OR graduated in the top 8% of high school class, OR have an overall high school GPA of 3.40 in ASU competency courses (scale is 4.00 = "A").

First-year applicants should select an additional major when applying for admission. Additional choices may include any of the W. P. Carey business BA programs or any other degree program outside of W. P. Carey School of Business. Students who are not admissible to a W. P. Carey business BS major and who did not select a second major or are not admissible to their second major choice are placed in a business BA program in the W. P. Carey School of Business.

Readmission requirements: Students must meet first-year admission requirements by way of high school GPA, test score or class rank and must have a transfer GPA of 3.00 (if applicable) and a cumulative ASU GPA of 3.00.

Transfer Admission Requirements: Transfer admission requirements (30 or more credit hours after high school): Students must have a transfer GPA of 3.00 and a score of 1160 (prior to March 2016) or 1230 SAT Reasoning (after March 2016) OR 25 ACT score, OR the student must have graduated in the top 8% of their high school class OR have an overall high school GPA of 3.40 in ASU competency courses (scale is 4.00 = "A").

Transfer students should select an additional major when applying for admission. Additional choices may include any of the school's BA programs or any other business or other degree program outside W. P. Carey School of Business.

Students who are admissible to the university but do not meet admission requirements for this degree and did not select a second major or are not admissible to their second major choice will be placed in a Bachelor of Arts program in W. P. Carey School of Business. Students not interested in the degree or campus location may reach out to [wpcareyug@asu.edu](mailto:wpcareyug@asu.edu) ([wpcareyug@asu.edu](mailto:wpcareyug@asu.edu)) for assistance selecting another degree program.

**Change of Major Requirements:** Students should visit the W. P. Carey School of Business (<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors>) website to determine if they meet change of major requirements. Students ready to change their major should submit their request through the school's Advising SOS (<https://apps.wpcarey.asu.edu/apps/advising/index.cfm>) platform.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/computer-information-systems-bs/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students



take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BACISBS~null + &college=CBA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Global Opportunities:**

Global Experience: As globalization continues to impact the way people live and work, international experiences have become vital to success in every field of business. Through international study and internships, students gain valuable skills employers are looking for, including communication and interpersonal skills, flexibility, motivation, and a real-life perspective on business applications worldwide.

The W. P. Carey School of Business recommends these programs (<https://goglobal.asu.edu/students/major/wp-carey/computer-information-systems>) for students majoring in computer information systems.

**Career Opportunities:** Currently, there is a shortage of information systems professionals, with many more jobs than qualified applicants. With a degree in computer information systems, career choices are limitless. A computer information systems degree offers job opportunities in a variety of industries, including:

- education
- entertainment
- finance
- health care
- national defense
- transportation

Information systems are key components in the success of other functional business areas such as accounting, supply chain management, finance and marketing. Entry-level information systems positions include:

- computer forensics analyst
- database administrator
- information systems consultant
- information technology security manager
- network administrator
- project manager
- software or systems developer
- systems administrator
- systems analyst

Long-term career aspirations for a graduate with a computer information systems degree could include:

- chief executive officer
- chief information officer
- chief knowledge officer
- chief security officer
- chief technology officer

#### **Contact Information:**

Business, W. P. Carey School of  
Department of Information Systems  
<https://wpcarey.asu.edu/undergraduate-degrees>  
BAC 601  
wpcareyis@asu.edu  
480-965-3252

## **Economics, BS (BAECNBS)**

**Campus:** Tempe, Online

**Program Description:** Students in this W. P. Carey School of Business BS program in economics choose from a variety of electives offered by the  
2023-24 Academic Catalog Archive

Department of Economics and many other ASU departments. All students are encouraged to develop programs of study tailored to individual needs and interests.

The undergraduate program provides students with the critical thinking and communication skills needed to succeed in business or graduate school. The program of study can also be tailored to prepare students for graduate programs in economics, business or law. Students interested in pursuing a doctorate in economics are strongly encouraged to minor or major in mathematics as well.

The department's mission is to provide the highest quality instruction to students, conduct cutting-edge research in economics and provide leadership and service to professional communities.

As a STEM-designated program, this degree offers eligible graduates on student visas access to an Optional Practical Training extension for up to 36 months. This longer work authorization term may help international students gain additional skills and experience in the U.S.

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 210 - Brief Calculus or MAT 270 Calculus with Analytic Geometry I

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to choose a 3-year path while participating in the same high-quality educational experience of a 4-year option. Students can opt to fast-track their studies after acceptance into a participating program by connecting with their academic advisor. Fast track options appear at the top of the major map.

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

- Global Management (Creative Industries and Design Thinking), MGM
- Global Management (Data Science), MGM
- Global Management (Digital Audience Strategy), MGM
- Global Management (Global Affairs), MGM
- Global Management (Global Business), MGM
- Global Management (Global Development and Innovation), MGM
- Global Management (Global Digital Transformation), MGM
- Global Management (Global Entrepreneurship), MGM
- Global Management (Global Health Care Delivery), MGM
- Global Management (Global Legal Studies), MGM
- Global Management (Integrated Health Care), MGM
- Global Management (Nonprofit Leadership and Management), MGM
- Global Management (Public Administration), MGM
- Global Management (Public Policy), MGM
- Global Management (Sustainability Solutions), MGM
- Global Management (Sustainable Tourism), MGM
- Global Management, MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: First-year admission requirements: 1230 SAT Reasoning OR 25 ACT score, OR graduated in the top 8% of high school class, OR an overall high school GPA of 3.40 in ASU competency courses (scale is 4.00 = "A").

First-year applicants should select an additional major when applying for admission. Additional choices may include any of the W. P. Carey business BA programs or any other degree program outside of the W. P. Carey School of Business. Students who are not admissible to a W. P. Carey business BS major and who did not select a second major or are not admissible to their second major choice are placed in a business BA program in the W. P. Carey School of Business.

Readmission requirements: Students must meet first-year admission requirements by way of high school GPA, test score or class rank and must have a transfer GPA of 3.00 (if applicable) and a cumulative ASU GPA of 3.00.

Transfer Admission Requirements: Transfer admission requirements (30 or more credit hours after high school): transfer GPA of 3.00 and one of the following: 1160 (prior to March 2016) or 1230 SAT Reasoning (after March 2016) OR 25 ACT score OR the student must have graduated in the top 8% of their high school class or an overall high school GPA of 3.40 in ASU competency courses (scale is 4.00 = "A").

Transfer students should select an additional major when applying for admission. Additional choices may include any of the school's BA programs or any other business or other degree program outside W. P. Carey School of Business.

Students who are admissible to the university but do not meet admission requirements for this degree and did not select a second major or are not admissible to their second major choice will be placed in a Bachelor of Arts program in W. P. Carey School of Business. Students not interested in the degree or campus location may reach out to [wpcareyug@asu.edu](mailto:wpcareyug@asu.edu) (<mailto:wpcareyug@asu.edu>) for assistance selecting another degree program.

**Change of Major Requirements:** Students should visit the W. P. Carey School of Business (<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors>) website to determine if they meet change of major requirements. Students ready to change their major should submit their request through the school's Advising SOS (<https://apps.wpcarey.asu.edu/apps/advising/index.cfm>) platform. Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/economics-bs-wpc/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BAECNBS~null + &college=CBA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Global Opportunities:**

Global Experience: As globalization continues to impact the way people live and work, international experiences have become vital to success in every field of business. Through international study and internships, students can see different economic systems play out in real time and gain valuable skills employers seek, including communication and interpersonal skills, flexibility, motivation and a global perspective on business applications worldwide.

The W. P. Carey School of Business recommends these programs (<https://goglobal.asu.edu/students/major/wp-carey/economics>) for students majoring in economics.

**Career Opportunities:** A major in economics provides students with the analytical and quantitative skills needed in careers in business, government and public policy.

Graduates have taken positions such as:

- consultants who serve as advisers to state and federal governments and private corporations
- corporate economists who collect data and make forecasts relevant to the firm's business
- employees in banking and financial services firms

Each year, many graduates pursue additional studies at other prestigious universities.

**Contact Information:**

Business, W. P. Carey School of  
Department of Economics  
<https://wpcarey.asu.edu/undergraduate-degrees>  
CRTVC 412  
wpcareyecn@asu.edu  
480-965-3531

## Entrepreneurial Leadership, BA (BAENTLBA)

**Campus:** West

**Program Description:** The BA program in entrepreneurial leadership prepares students to start, lead and manage entrepreneurial organizations for long-term success.

This program develops entrepreneurial-minded leaders who can effectively manage the value-creation process of existing small and medium-sized businesses, as well as manage new ventures. Students, through their coursework and internship opportunities, become leaders by developing a broad entrepreneurial mindset and leadership style that enables them to seize entrepreneurial opportunities. They can also develop and nurture those entrepreneurial opportunities within their organizations through the effective communication, team building, critical thinking and problem-solving skills learned in this program.

**Additional Program Fee:** N

**Second Language Requirement:** N

**First Required Math Course:** MAT 117 - College Algebra

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors. Students ready to change their major should submit their request through the Advising SOS (<https://apps.wpcarey.asu.edu/apps/advising/index.cfm>) platform.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BAENTLBA~null + &college=CBA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

**Global Experience:** As globalization continues to impact the way business functions, study abroad programs (<https://goglobal.asu.edu>) provide students valuable skills employers are looking for, including communication and interpersonal skills, flexibility, motivation and a global perspective on business applications worldwide.

Business students can study abroad nearly anywhere in the world and gain valuable internship experience in many global business hubs, like Australia, Germany, England, Singapore, China, and the United Arab Emirates.

The W. P. Carey School of Business recommends these study abroad programs (<https://goglobal.asu.edu/students/major/wp-carey/>) for students

majoring in entrepreneurial leadership.

**Career Opportunities:** Graduates possess a broad foundation in business as well as a focus on starting, leading and managing entrepreneurial organizations. This suggests multiple career paths, including working in entrepreneurial-minded roles in already existing organizations as well as starting or joining new ventures and small businesses of all types.

**Contact Information:**

Business, W. P. Carey School of  
School of Technology, Innovation & Entrepreneurship  
<https://wpcarey.asu.edu/undergraduate-degrees>  
FAB N106  
wpcareymgt@asu.edu  
480-965-6044

## Finance, BS (BAFINBS)

**Campus:** Tempe

**Program Description:** The finance department has a rich tradition of educating leaders who excel in all aspects of the discipline of finance. Whether ascending to the top ranks of the venture capital industry, executing multimillion dollar real estate deals or becoming successful entrepreneurs with their own ideas and drive, graduates of the BS program in finance from the W. P. Carey School of Business are equipped to succeed.

In particular, the Investment Banking Industry Scholars program mentors students interested in going to Wall Street. The student investment management fund provides undergraduates with the opportunity to manage a real-world investment portfolio worth hundreds of thousands of dollars.

Finance department faculty members are considered among the top in the world. The professional advisory board, comprised of leading professionals from the financial services, manufacturing, energy, investment banking and real estate sectors, provides a sounding board for new ideas and is a resource of jobs for top graduates.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 210 - Brief Calculus

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to choose a 3-year path while participating in the same high-quality educational experience of a 4-year option. Students can opt to fast-track their studies after acceptance into a participating program by connecting with their academic advisor. Fast track options appear at the top of the major map.

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

- Global Management (Creative Industries and Design Thinking), MGM
- Global Management (Digital Audience Strategy), MGM
- Global Management (Global Affairs), MGM
- Global Management (Global Business), MGM
- Global Management (Global Development and Innovation), MGM
- Global Management (Global Digital Transformation), MGM
- Global Management (Global Entrepreneurship), MGM
- Global Management (Global Health Care Delivery), MGM
- Global Management (Global Legal Studies), MGM
- Global Management (Integrated Health Care), MGM
- Global Management (Nonprofit Leadership and Management), MGM
- Global Management (Public Administration), MGM
- Global Management (Public Policy), MGM
- Global Management (Sustainability Solutions), MGM
- Global Management (Sustainable Tourism), MGM
- Global Management, MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: First-year admission requirements: 1230 SAT Reasoning OR 25 ACT score, OR graduated in the top 8% of high school class, OR an overall high school GPA of 3.40 in ASU competency courses (scale is 4.00 = "A").

First-year applicants should select an additional major when applying for admission. Additional choices may include any of the W. P. Carey business BA programs or any other degree program outside of the W. P. Carey School of Business. Students who are not admissible to a W. P. Carey business BS major and who did not select a second major or are not admissible to their second major choice are placed in a business BA program in the W. P. Carey School of Business.

Readmission requirements: must meet first-year admission requirements by way of high school GPA, test score or class rank and must have a transfer GPA of 3.00 (if applicable) and a cumulative ASU GPA of 3.00.

Transfer Admission Requirements: Transfer admission requirements (30 or more credit hours after high school): transfer GPA of 3.00 and one of the following: 1160 (prior to March 2016) or 1230 SAT Reasoning (after March 2016) OR 25 ACT score OR the student must have graduated in the top 8% of their high school class OR an overall high school GPA of 3.40 in ASU competency courses (scale is 4.00 = "A").

Transfer students should select an additional major when applying for admission. Additional choices may include any of the school's BA programs or any other business or other degree program outside of the W. P. Carey School of Business.

Students who are admissible to the university but do not meet admission requirements for this program and did not select a second major or are not admissible to their second major choice will be placed in a Bachelor of Arts program in W. P. Carey School of Business. Students not interested in the program or campus location may reach out to [wpcareyug@asu.edu](mailto:wpcareyug@asu.edu) (<mailto:wpcareyug@asu.edu>) for assistance selecting another degree program.

**Change of Major Requirements:** Students should visit the W. P. Carey School of Business (<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors>) website to determine if they meet change of major requirements. Students ready to change their major should submit their request through the school's Advising SOS (<https://apps.wpcarey.asu.edu/apps/advising/index.cfm>) platform.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BAFINBS~null + &college=CBA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: As globalization continues to impact the way people live and work, international experiences have become vital to success in every field of business. Through international study and internships, students gain valuable skills employers are looking for, including communication and interpersonal skills, flexibility, motivation and a global perspective on business applications worldwide.

The W. P. Carey School of Business recommends these programs (<https://goglobal.asu.edu/students/major/wp-carey/finance>) for students majoring in finance.

**Career Opportunities:** Graduates are prepared for careers in:

- consulting
- corporate financial management
- depository institutions
- financial services
- investment banking

- investment management
- portfolio analysis

**Contact Information:**

Business, W. P. Carey School of  
 Department of Finance  
<https://wpcarey.asu.edu/undergraduate-degrees>  
 BAC 501  
 wpcareyfin@asu.edu  
 480-965-3131

**Management, BS (BAMGTBS)**

**Campus:** Polytechnic, Tempe, West, Online

**Program Description:** The W. P. Carey BS program in management prepares students to become effective managers and team leaders. Students gain theoretical and conceptual knowledge and build critical skills such as:

- analytical research and problem-solving
- communication
- critical thinking
- global awareness
- leadership
- personal ethics and integrity
- teamwork

The curriculum includes the fundamentals of the global economy, the world of e-business, ethics, human resource and strategic management and collaborative team skills. Throughout the program, theories and concepts of management and ethical leadership are enhanced by experiencing and testing them in skill-based exercises, case discussions and real-world, team-based project work.

The management major prepares students to face:

- corporate accountability
- cross-functional management
- demands for continuous process improvements to enhance the value chain
- ethical decision-making
- growing technological sophistication
- racial, cultural and gender diversity in the workforce
- the fast pace of e-business
- the need for skills in communicating and working with people, directing projects and managing change

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 210 - Brief Calculus

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to choose a 3-year path while participating in the same high-quality educational experience of a 4-year option. Students can opt to fast-track their studies after acceptance into a participating program by connecting with their academic advisor. Fast track options appear at the top of the major map.

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

- Global Management (Creative Industries and Design Thinking), MGM
- Global Management (Digital Audience Strategy), MGM
- Global Management (Global Affairs), MGM
- Global Management (Global Business), MGM
- Global Management (Global Development and Innovation), MGM
- Global Management (Global Digital Transformation), MGM

Global Management (Global Entrepreneurship), MGM  
Global Management (Global Health Care Delivery), MGM  
Global Management (Global Legal Studies), MGM  
Global Management (Integrated Health Care), MGM  
Global Management (Nonprofit Leadership and Management), MGM  
Global Management (Public Administration), MGM  
Global Management (Public Policy), MGM  
Global Management (Sustainability Solutions), MGM  
Global Management (Sustainable Tourism), MGM  
Global Management, MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

#### **Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: First-year admission requirements: 1230 SAT Reasoning OR 25 ACT score, OR graduated in the top 8% of high school class, OR an overall high school GPA of 3.40 in ASU competency courses (scale is 4.00 = "A").

First-year applicants should select an additional major when applying for admission. Additional choices may include any of the W. P. Carey business BA programs or any other degree program outside of the W. P. Carey School of Business. Students who are not admissible to a W. P. Carey business BS major and who did not select a second major or are not admissible to their second major choice are placed in a business BA program in the W. P. Carey School of Business.

Readmission requirements: must meet first-year admission requirements by way of high school GPA, test score or class rank and must have a transfer GPA of 3.00 (if applicable) and a cumulative ASU GPA of 3.00.

Transfer Admission Requirements: Transfer admission requirements (30 or more credit hours after high school): transfer GPA of 3.00 and one of the following: 1160 (prior to March 2016) or 1230 SAT Reasoning (after March 2016) OR 25 ACT score OR the student must have graduated in the top 8% of their high school class OR an overall high school GPA of 3.40 in ASU competency courses (scale is 4.00 = "A").

Transfer students should select an additional major when applying for admission. Additional choices may include any of the school's BA programs or any other business or other degree program outside W. P. Carey School of Business.

Students who are admissible to the university but do not meet admission requirements for this program and did not select a second major or are not admissible to their second major choice will be placed in a Bachelor of Arts program in W. P. Carey School of Business. Students not interested in the program or campus location may reach out to [wpcareyug@asu.edu](mailto:wpcareyug@asu.edu) (<mailto:wpcareyug@asu.edu>) for assistance selecting another degree program.

**Change of Major Requirements:** Students should refer to the W. P. Carey School of Business (<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors>) website to determine if they meet change of major requirements. Students ready to change their major should submit their request through the school's Advising SOS (<https://apps.wpcarey.asu.edu/apps/advising/index.cfm>) platform. Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-management/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BAMGTBS~null + &college=CBA>) to outline a list of recommended courses to take prior to transfer.



ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: As globalization continues to impact the way people live and work, international experiences have become vital to success in every field of business. Through international study and internships, students gain valuable skills employers are looking for, including communication and interpersonal skills, flexibility, motivation and a global perspective on business applications worldwide.

The W. P. Carey School of Business recommends these programs (<https://goglobal.asu.edu/students/major/wp-carey/management>) for students majoring in management.

**Career Opportunities:** Graduates with a Bachelor of Science in management are likely to be recruited by:

- for-profit and nonprofit organizations
- high-tech firms
- large and small organizations
- management consulting firms
- service and manufacturing firms

The salaries listed below reflect median salaries, not starting salaries.

**Contact Information:**

Business, W. P. Carey School of  
Department of Management and Entrepreneurship  
<https://wpcarey.asu.edu/undergraduate-degrees>  
BA 318  
wpcareymgt@asu.edu  
480-965-3431

## Marketing, BS (BAMKTBS)

**Campus:** Tempe, Online

**Program Description:** Students pursuing the BS in marketing gain an understanding of the science behind consumer behavior and the critical role that marketing plays in all organizations. In addition, students develop marketing skills that provide a competitive advantage in their careers.

The nationally ranked and award-winning marketing faculty share a passion for teaching and mentoring undergraduate students. Faculty members provide many productive ways for students to get involved in the life of the department and work with business partners.

The department is home to the Center for Services Leadership, the premier international center for the study of the science of services, and offers distinctive coursework in professional sales, relationship management and sports business.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 210 - Brief Calculus

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to choose a 3-year path while participating in the same high-quality educational experience of a 4-year option. Students can opt to fast-track their studies after acceptance into a participating program by connecting with their academic advisor. Fast track options appear at the top of the major map.

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

- Global Management (Creative Industries and Design Thinking), MGM
- Global Management (Data Science), MGM
- Global Management (Digital Audience Strategy), MGM
- Global Management (Global Affairs), MGM

Global Management (Global Business), MGM  
Global Management (Global Development and Innovation), MGM  
Global Management (Global Digital Transformation), MGM  
Global Management (Global Entrepreneurship), MGM  
Global Management (Global Health Care Delivery), MGM  
Global Management (Global Legal Studies), MGM  
Global Management (Integrated Health Care), MGM  
Global Management (Nonprofit Leadership and Management), MGM  
Global Management (Public Administration), MGM  
Global Management (Public Policy), MGM  
Global Management (Sustainability Solutions), MGM  
Global Management (Sustainable Tourism), MGM  
Global Management, MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

#### **Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: First-year admission requirements: 1230 SAT Reasoning OR 25 ACT score, OR graduated in the top 8% of high school class, OR an overall high school GPA of 3.40 in ASU competency courses (scale is 4.00 = "A").

First-year applicants should select an additional major when applying for admission. Additional choices may include any of the W. P. Carey business BA programs or any other degree program outside of the W. P. Carey School of Business. Students who are not admissible to a W. P. Carey business BS major and who did not select a second major or are not admissible to their second major choice are placed in a business BA program in the W. P. Carey School of Business.

Readmission requirements: Students must meet first-year admission requirements by way of high school GPA, test score or class rank and must have a transfer GPA of 3.00 (if applicable) and a cumulative ASU GPA of 3.00.

Transfer Admission Requirements: Transfer admission requirements (30 or more credit hours after high school): transfer GPA of 3.00 and one of the following: 1160 (prior to March 2016) or 1230 SAT Reasoning (after March 2016) OR 25 ACT score OR the student must have graduated in the top 8% of their high school class OR an overall high school GPA of 3.40 in ASU competency courses (scale is 4.00 = "A").

Transfer students should select an additional major when applying for admission. Additional choices may include any of the school's BA programs or any other business or other degree program outside W. P. Carey School of Business.

Students who are admissible to the university but do not meet admission requirements for this program and did not select a second major or are not admissible to their second major choice will be placed in a Bachelor of Arts program in W. P. Carey School of Business. Students not interested in the program or campus location may reach out to [wpcareyug@asu.edu](mailto:wpcareyug@asu.edu) (<mailto:wpcareyug@asu.edu>) for assistance selecting another degree program.

**Change of Major Requirements:** Students should refer to the W. P. Carey School of Business (<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors>) website to determine if they meet change of major requirements. Students ready to change their major should submit their request through the school's Advising SOS (<https://apps.wpcarey.asu.edu/apps/advising/index.cfm>) platform. Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-marketing/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use

MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BAMKTBS~null + &college=CBA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Global Opportunities:**

Global Experience: As globalization continues to impact the way the world lives and works, international experiences have become vital to a successful career for marketing majors. Through any of the more than 300 available Global Education programs (<https://goglobal.asu.edu/>), students can gain valuable skills employers are looking for: communication and interpersonal skills, flexibility, motivation, and a real-life perspective on business applications worldwide. Understanding how cultural norms and values impact the marketing of goods and services in an international context will make the graduate a valuable contributor to many marketing careers.

The W. P. Carey School of Business recommends these programs (<https://goglobal.asu.edu/students/major/wp-carey/marketing>) for students majoring in marketing.

**Career Opportunities:** The degree program provides fundamentals, flexibility and specialization opportunities, and through the proper selection of coursework and other educational experiences, a marketing student may prepare for a variety of careers in areas such as:

- business development
- business-to-business marketing
- customer relationship management
- international marketing
- market research and information management
- marketing communications
- professional sales and relationship management
- retail management
- sales management
- services marketing

#### **Contact Information:**

Business, W. P. Carey School of  
Department of Marketing  
<https://wpcarey.asu.edu/undergraduate-degrees>  
BAC 460  
wpcareymkt@asu.edu  
480-965-3621

## **Marketing (Digital and Integrated Marketing Communications), BS (BAMKDIMCBS)**

**Campus:** Tempe

**Program Description:** Designed specifically for the marketing major, this digital and integrated marketing communications concentration builds on the knowledge provided in the major and prepares marketing students with specialized knowledge and training in the areas of advertising, brand management and digital marketing.

The purpose of the concentration within the BS program in marketing is to equip students with cutting-edge knowledge in the marketing communications area so they are well prepared to assume jobs in the areas of advertising, brand management and digital marketing. This concentration provides specialized expertise in an area that is growing in importance in the marketplace.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 210 - Brief Calculus

**Program Math Intensity:** Moderate

#### **Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

#### **Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Global Management (Creative Industries and Design Thinking), MGM  
Global Management (Data Science), MGM  
Global Management (Digital Audience Strategy), MGM  
Global Management (Global Affairs), MGM  
Global Management (Global Business), MGM  
Global Management (Global Development and Innovation), MGM  
Global Management (Global Digital Transformation), MGM  
Global Management (Global Entrepreneurship), MGM  
Global Management (Global Health Care Delivery), MGM  
Global Management (Global Legal Studies), MGM  
Global Management (Integrated Health Care), MGM  
Global Management (Nonprofit Leadership and Management), MGM  
Global Management (Public Administration), MGM  
Global Management (Public Policy), MGM  
Global Management (Sustainability Solutions), MGM  
Global Management (Sustainable Tourism), MGM  
Global Management, MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

#### **Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: First-year admission requirements: 1230 SAT Reasoning OR 25 ACT score, OR graduated in the top 8% of high school class, OR an overall high school GPA of 3.40 in ASU competency courses (scale is 4.00 = "A").

First-year applicants should select an additional major when applying for admission. Additional choices may include any of the W. P. Carey business BA programs or any other degree program outside of the W. P. Carey School of Business. Students who are not admissible to a W. P. Carey business BS major and who did not select a second major or are not admissible to their second major choice are placed in a business BA program in the W. P. Carey School of Business.

Readmission requirements: Students must meet first-year admission requirements by way of high school GPA, test score or class rank and must have a transfer GPA of 3.00 (if applicable) and a cumulative ASU GPA of 3.00.

Transfer Admission Requirements: Transfer admission requirements (30 or more credit hours after high school): transfer GPA of 3.00 and one of the following: 1160 (prior to March 2016) or 1230 SAT Reasoning (after March 2016) OR 25 ACT score OR the student must have graduated in the top 8% of their high school class OR an overall high school GPA of 3.40 in ASU competency courses (scale is 4.00 = "A").

Transfer students should select an additional major when applying for admission. Additional choices may include any of the school's BA programs or any other business or other degree program outside of the W. P. Carey School of Business.

Students who are admissible to the university but do not meet admission requirements for this program and did not select a second major or are not admissible to their second major choice will be placed in a Bachelor of Arts program in W. P. Carey School of Business. Students not interested in the program or campus location may reach out to [wpcareyug@asu.edu](mailto:wpcareyug@asu.edu) (<mailto:wpcareyug@asu.edu>) for assistance selecting another degree program.

**Change of Major Requirements:** Students should refer to the W. P. Carey School of Business (<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors>) website to determine if they meet change of major requirements. Students ready to change their major should submit their request through the school's Advising SOS (<https://apps.wpcarey.asu.edu/apps/advising/index.cfm>) platform. Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BAMKDIMCBS-null + &college=CBA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in

their college journey.

#### **Global Opportunities:**

Global Experience: As globalization continues to impact the way the world lives and works, international experiences have become vital to a successful career for marketing majors. Through any of the more than 300 available Global Education programs (<https://goglobal.asu.edu/>), students can gain valuable skills employers are looking for: communication and interpersonal skills, flexibility, motivation, and a real-life perspective on business applications worldwide. Understanding how cultural norms and values impact the marketing of goods and services in an international context will make the graduate a valuable contributor to many marketing careers.

The W. P. Carey School of Business recommends these programs (<https://goglobal.asu.edu/students/major/wp-carey/marketing>) for students majoring in marketing.

**Career Opportunities:** While the number and quality of job opportunities in advertising and brand management is relatively small, the number of entry-level positions in digital marketing has exploded. A sampling of career opportunities include:

- digital account manager
- digital marketing analyst
- digital marketing coordinator
- digital marketing specialist
- electronic marketing specialist

#### **Contact Information:**

Business, W. P. Carey School of  
Department of Marketing  
<https://wpcarey.asu.edu/undergraduate-degrees>  
BAC 460  
wpcareymkt@asu.edu  
480-965-3621

## **Marketing (Professional Sales), BS (BAMKTPSBS)**

**Campus:** Tempe

**Program Description:** The W. P. Carey BS program in marketing with a concentration in professional sales is designed for undergraduate marketing students who are interested in pursuing the many opportunities in professional sales.

The curriculum includes courses in professional sales as well as sales management and consumer behavior, and an internship in sales is required.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 210 - Brief Calculus

**Program Math Intensity:** Moderate

#### **Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

#### **Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

- Global Management (Creative Industries and Design Thinking), MGM
- Global Management (Data Science), MGM
- Global Management (Digital Audience Strategy), MGM
- Global Management (Global Affairs), MGM
- Global Management (Global Business), MGM
- Global Management (Global Development and Innovation), MGM
- Global Management (Global Digital Transformation), MGM
- Global Management (Global Entrepreneurship), MGM
- Global Management (Global Health Care Delivery), MGM
- Global Management (Global Legal Studies), MGM
- Global Management (Integrated Health Care), MGM
- Global Management (Nonprofit Leadership and Management), MGM
- Global Management (Public Administration), MGM

Global Management (Public Policy), MGM  
Global Management (Sustainability Solutions), MGM  
Global Management (Sustainable Tourism), MGM  
Global Management, MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

#### **Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: First-year admission requirements: 1230 SAT Reasoning OR 25 ACT score, OR graduated in the top 8% of high school class, OR an overall high school GPA of 3.40 in ASU competency courses (scale is 4.00 = "A").

First-year applicants should select an additional major when applying for admission. Additional choices may include any of the W. P. Carey business BA programs or any other degree program outside of the W. P. Carey School of Business. Students who are not admissible to a W. P. Carey business BS major and who did not select a second major or are not admissible to their second major choice are placed in a business BA program in the W. P. Carey School of Business.

Readmission requirements: Students must meet first-year admission requirements by way of high school GPA, test score or class rank and must have a transfer GPA of 3.00 (if applicable) and a cumulative ASU GPA of 3.00.

Transfer Admission Requirements: Transfer admission requirements (30 or more credit hours after high school): transfer GPA of 3.00 and one of the following: 1160 (prior to March 2016) or 1230 SAT Reasoning (after March 2016) OR 25 ACT score OR the student must have graduated in the top 8% of their high school class OR an overall high school GPA of 3.40 in ASU competency courses (scale is 4.00 = "A").

Transfer students should select an additional major when applying for admission. Additional choices may include any of the school's BA programs or any other business or other degree program outside W. P. Carey School of Business.

Students who are admissible to the university but do not meet admission requirements for this program and did not select a second major or are not admissible to their second major choice will be placed in a Bachelor of Arts program in W. P. Carey School of Business. Students not interested in the program or campus location may reach out to [wpcareyug@asu.edu](mailto:wpcareyug@asu.edu) (<mailto:wpcareyug@asu.edu>) for assistance selecting another degree program.

**Change of Major Requirements:** Students should refer to the W. P. Carey School of Business (<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors>) website to determine if they meet change of major requirements. Students ready to change their major should submit their request through the school's Advising SOS (<https://apps.wpcarey.asu.edu/apps/advising/index.cfm>) platform.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BAMKTPSBS-null + &college=CBA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Global Opportunities:**

Global Experience: As globalization continues to impact the way the world lives and works, international experiences have become vital to a successful career for marketing majors. Through any of the over 300 available Global Education programs (<https://goglobal.asu.edu/>), students can gain valuable skills employers are looking for: communication and interpersonal skills, flexibility, motivation, and a real-life perspective on business applications worldwide. Understanding how cultural norms and values impact the marketing of goods and services in an international context will make graduates a valuable contributor to many marketing careers.

The W. P. Carey School of Business recommends these programs (<https://goglobal.asu.edu/students/major/wp-carey/marketing>) for students majoring in marketing.

**Career Opportunities:** The number of employers interested in hiring professionals for sales roles far exceeds the number of students who are

pursuing career opportunities in sales.

Graduates are prepared for careers in account management across a variety of industries in the business-to-business and consumer products domains.

**Contact Information:**

Business, W. P. Carey School of  
Department of Marketing  
<https://wpcarey.asu.edu/undergraduate-degrees>  
BAC 460  
wpcareymkt@asu.edu  
480-965-3621

## Supply Chain Management, BS (BASCMBBS)

**Campus:** Tempe, Online

**Program Description:** Supply chain managers coordinate the production flow of goods and services, enabling the transformation of raw materials into the final products made available to consumers, whether on local store shelves or through online retailers. Supply chain management, involving multiple vendors in different countries, is a key reason that people can buy an ever-increasing variety of goods and services at remarkably low prices.

The BS program in supply chain management provides W. P. Carey School of Business students with an in-depth knowledge of integrated supply chain management. The curriculum focuses on:

- execution systems
- logistics
- negotiations
- operations
- planning
- procurement
- strategy development

Classes are small and use projects and case studies to bring the material to life.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 210 - Brief Calculus

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to choose a 3-year path while participating in the same high-quality educational experience of a 4-year option. Students can opt to fast-track their studies after acceptance into a participating program by connecting with their academic advisor. Fast track options appear at the top of the major map.

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

- Business Analytics, MS
- Global Management (Creative Industries and Design Thinking), MGM
- Global Management (Digital Audience Strategy), MGM
- Global Management (Global Affairs), MGM
- Global Management (Global Business), MGM
- Global Management (Global Development and Innovation), MGM
- Global Management (Global Digital Transformation), MGM
- Global Management (Global Entrepreneurship), MGM
- Global Management (Global Health Care Delivery), MGM
- Global Management (Global Legal Studies), MGM
- Global Management (Integrated Health Care), MGM
- Global Management (Nonprofit Leadership and Management), MGM

Global Management (Public Administration), MGM  
Global Management (Public Policy), MGM  
Global Management (Sustainability Solutions), MGM  
Global Management (Sustainable Tourism), MGM  
Global Management, MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

#### **Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: First-year admission requirements: Students must have a score of 1230 SAT Reasoning OR 25 ACT score, OR graduated in the top 8% of high school class, OR an overall high school GPA of 3.40 in ASU competency courses (scale is 4.00 = "A").

First-year applicants should select an additional major when applying for admission. Additional choices may include any of the W. P. Carey business BA programs or any other degree program outside of the W. P. Carey School of Business. Students who are not admissible to a W. P. Carey business BS major and who did not select a second major or are not admissible to their second major choice are placed in a business BA program in the W. P. Carey School of Business.

Readmission requirements: Students must meet first-year admission requirements by way of high school GPA, test score or class rank and must have a transfer GPA of 3.00 (if applicable) and a cumulative ASU GPA of 3.00.

Transfer Admission Requirements: Transfer admission requirements (30 or more credit hours after high school): transfer GPA of 3.00 and one of the following: 1160 (prior to March 2016) or 1230 SAT Reasoning (after March 2016) OR 25 ACT score OR must have graduated in the top 8% of their high school class OR an overall high school GPA of 3.40 in ASU competency courses (scale is 4.00 = "A").

Transfer students should select an additional major when applying for admission. Additional choices may include any of the school's BA programs or any other business or other degree program outside W. P. Carey School of Business.

Students who are admissible to the university but do not meet admission requirements for this program and did not select a second major or are not admissible to their second major choice will be placed in a Bachelor of Arts program in W. P. Carey School of Business. Students not interested in the program or campus location may reach out to [wpcareyug@asu.edu](mailto:wpcareyug@asu.edu) (<mailto:wpcareyug@asu.edu>) for assistance selecting another degree program.

**Change of Major Requirements:** Students should visit the W. P. Carey School of Business (<https://students.wpcarey.asu.edu/degrees-and-advising/degree-programs/change-majors>) website to determine if they meet change of major requirements. Students ready to change their major should submit their request through the Advising SOS (<https://apps.wpcarey.asu.edu/apps/advising/index.cfm>) platform.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/supply-chain-management-bs/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=BASCMBS~null + &college=CBA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Global Opportunities:**



Global Experience: As globalization continues to impact the way people live and work, international experience has become vital to success in every field of business. Through international study and internships, students gain valuable skills employers are looking for, including communication and interpersonal skills, flexibility, motivation and a global perspective on business applications worldwide.

The W. P. Carey School of Business recommends these programs (<https://goglobal.asu.edu/students/major/wp-carey/supply-chain-management>) for students majoring in supply chain management.

**Career Opportunities:** Career track progression could lead to the vice president level in supply chain-related areas. ASU supply chain management graduates are recruited by firms from around the world and in all sectors of the economy, including:

- health care
- manufacturing
- public and private
- retail
- service

Graduates of the supply chain management program are highly sought-after and have excellent placements. The following are some positions that supply chain management graduates have obtained:

- buyer or planner
- distribution manager
- internet marketing analyst
- inventory specialist
- logistics planner
- materials manager
- operations planner or analyst
- planner or analyst
- production coordinator
- supply management analyst

**Contact Information:**

Business, W. P. Carey School of  
Department of Supply Chain Management  
<https://wpcarey.asu.edu/undergraduate-degrees>  
BA 445  
wpcarey.scm@asu.edu  
480-965-6044

## Design and the Arts, Herberger Institute for

### Architectural Studies, BSD (ARSTDBSD)

**Campus:** Tempe

**Program Description:** The preprofessional BSD program in architectural studies offered by The Design School helps students understand architecture as both a cultural expression and technical achievement, and it offers an interdisciplinary approach to architecture.

Students are prepared for alternative practices with architecture firms and in related fields such as landscape architecture, engineering, art, construction, urban planning, urban design and historic preservation, or for graduate studies in the professional Master of Architecture, in business fields or in law.

There are two possible paths for this program: cross-disciplinary focus and professional focus. For the first three years, all students take two project-topic courses yearly, together with other classes, to develop their skills. In the third year, students intending to pursue professional licensure as a registered architect must declare their interest in pursuing the professional focus to their advisor.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics OR any math course that meets the MA designation.

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap

in curriculum.

#### **Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ARSTDBSD~null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Global Opportunities:**

Global Experience: International experiences supplement a major in architectural studies while also introducing students to new cultures, skills and perspectives. Whether in a foreign country, in the U.S. or online, students in architectural studies are able to learn about the complex differences between societies, to foster a sense of empathy and understanding of the many ways people live in this world.

With more than 300 options available, Global Education programs (<https://goglobal.asu.edu/>) allow students to tailor their experience to their unique interests and skill sets. The Herberger Institute for Design and the Arts recommends these programs (<https://goglobal.asu.edu/students/major/architectural-studies>) for students majoring in architectural studies.

**Career Opportunities:** Graduates of the bachelor's degree program are prepared for graduate school as well as a range of design-related careers.

Those who wish to become licensed can complete their professional studies by attending an accredited professional master's degree program. The Design School offers a two-year professional MArch degree for graduates of the undergraduate program.

#### **Contact Information:**

Design and the Arts, Herberger Institute for

The Design School

<https://design.asu.edu>

CDS 101

[herbergeradmissions@asu.edu](mailto:herbergeradmissions@asu.edu)

480-965-4495

## **Art (Animation), BFA (HIARTANBFA)**

**Campus:** Tempe

**Program Description:** The BFA program in art with a concentration in animation prepares students to excel in this field. Animation students are provided an education that simultaneously sustains tradition and fosters innovation through embracing new visualization methodologies and tools with the potential to advance discoveries and insights across disciplines.

Upon completion of the program, graduates are able to demonstrate the technical and artistic abilities to create animations for exhibition in arts venues (galleries, museums, festivals, etc.) and in entertainment media-arts industries. They also are prepared to pursue advanced research in graduate animation programs.

The mission of the Herberger Institute for Design and the Arts is to create works of art, explore the history and traditions of art production, understand more about art's function in society and promote national and international recognition for research and creative activities while fostering cultural development in the community.

Students declare their Bachelor of Fine Arts concentration at the time of their ASU admission. Following admission, if students wish to change their Bachelor of Fine Arts concentration, they may meet with their School of Art academic advisor.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** Any math course that meets the MA designation.

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=HIARTANBFA~null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Create artwork for exhibitions in galleries, museums and other commercial venues demonstrating technical artistic abilities and conceptual development.
- Demonstrate professional preparedness by developing a comprehensive toolkit for self-promotion that will position them for success in the field of art and design.
- Create a cohesive body of artwork organized and shared in a professional digital portfolio.

**Global Opportunities:**

Global Experience: With over 300 Global Education programs (<https://goglobal.asu.edu/>) in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire a global perspective and knowledge in preparation for a career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs.

**Career Opportunities:** Animators work within the realms of fine arts, design, cinema, television, video games, online media, augmented and virtual reality, scientific and data visualization, medical illustration, robotics and a range of other emerging fields.

Top job titles for those with an education in animation include:

- animator
- art director
- artist
- creative director
- designer
- graphic artist
- graphic designer
- multimedia designer

For the last several years, jobs for multimedia artists, animators, film and video editors have continued to trend upward nationally.

**Contact Information:**

Design and the Arts, Herberger Institute for  
School of Art  
<https://art.asu.edu/>  
ART 102  
herbergeradvising@asu.edu  
480-965-8521

## Art (Art Education), BFA (FAARTEBFA)

**Campus:** Tempe

**Program Description:** The BFA program in art with a concentration in art education involves creative teaching and learning processes and strategies, first-hand experience teaching art for a range of ages, the study of art history and global cultures, and practice in a variety of studio areas.

The program focuses on engaging with artistic inquiry and education in K-12, community and museum settings. Students investigate issues related to teaching art from multiple perspectives, including:

- creativity and critical thinking
- ecological connections
- inquiry-based learning
- interdisciplinary curriculum development
- multicultural contexts
- studio and conceptual art practices

In addition to their art education coursework, students are required to take coursework in the various studio areas offered in the School of Art.

Students declare their Bachelor of Fine Arts concentration at the time of their ASU admission. Following admission, if students wish to change their concentration, they may meet with their School of Art academic advisor.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** Any math course that meets the MA designation.

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Additional Requirements:** Students are admitted directly to the art education concentration upon admittance to the BFA program in art.

**Transfer Admission Requirements:** Transfer students who have completed the foundational core and pre-art requirements are admitted directly to the art education concentration upon admittance to the BFA program in art. To complete an undergraduate degree in four years, it is recommended that community college transfer students who are completing a two-year degree and have completed the foundational core and pre-art requirements apply and submit a declaration form in the semester they are completing their community college degree or the semester before they plan to enter Arizona State University.

Direct transfer of courses from other accredited institutions to the Herberger Institute for Design and the Arts are subject to the existence of parallel and equal courses in the college's curriculum and subject to departmental or school evaluation of studio courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 credit hours in resident credit at ASU. Transfer students enrolled in the college must complete a minimum of 15 credit hours of resident credit in the major as approved by the faculty.

**Change of Major Requirements:** An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FAARTEBFA-null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Students will understand historical and contemporary practices within the field of art education through the development of curriculum incorporating fine arts techniques for a range of settings and populations.
- Upon completion of this program, students will demonstrate professional preparedness, including writing an articulate statement of their teaching philosophy and assembling a documented cohesive body of pedagogical materials and creative work.
- Upon completion of this program, students will demonstrate effective teaching dispositions in the classroom through successful first-hand engagements with learners that meet established pedagogical standards with culturally responsive techniques and methods.

#### **Global Opportunities:**

Global Experience: Creativity and inspiration find fuel during a study abroad program. Global experiences (<https://goglobal.asu.edu/>) provide a platform on which aspiring art educators develop and broaden the intercultural sensitivity, communication skills and leadership ability they then take into the classroom. Study abroad can prove to be a vital accompaniment to a concentration in art education.

**Career Opportunities:** Graduates who also complete the state certification requirements for an art specialist certificate may teach in public and private elementary schools, middle schools and high schools.

Graduates who do not seek state certification may find opportunities for jobs with some charter schools, art museums, nonprofit art spaces and recreational or community-oriented service groups that offer art instruction.

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

#### **Contact Information:**

Design and the Arts, Herberger Institute for  
School of Art

<https://art.asu.edu/degree-programs/art-education?dept=160343&id=1>

ART 102

[herbergeradvising@asu.edu](mailto:herbergeradvising@asu.edu)

480-965-8521

## **Art (Art History), BA (FAARTHBA)**

**Campus:** Tempe, Online

**Program Description:** The BA in art history is a dynamic program that investigates visual culture and engages students in a rich and diverse curriculum. Inherently interdisciplinary, art history intersects with a variety of fields including history, literature and economics.

Faculty members emphasize critical concepts in their teaching, including the close study of artists, objects and technologies. Students explore art's history in economic, social and political contexts and the relationship of visual art to other disciplines such as literature, science, anthropology, media and performance studies. In addition to art history courses, the program includes interdisciplinary coursework from disciplines across the university.

Internships are available at a wide range of arts organizations. The program is enriched by partnerships with the ASU Art Museum and museums throughout the Phoenix metropolitan area and beyond, including an affiliation with the Los Angeles County Museum of Art.

**Additional Program Fee:** Y

**Second Language Requirement:** Yes

**First Required Math Course:** Any math course that meets the MA designation.

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

Creative Enterprise and Cultural Leadership, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: Students meeting the university requirements for admission may matriculate in the Herberger Institute for Design and the Arts. Separate admission procedures and approvals are required for some programs within the college. Students must contact specific departments or schools for details.

Freshmen students applying to the Herberger Institute School of Art enter ASU as art exploratory majors in the School of Art. There is no portfolio review process for freshmen at the time of admission to ASU.

Typically, students in their second year who are interested in studio art and art education will submit a portfolio for review once they have completed their core requirements and are completing the last of the 12 hours of 200-level art requirements, or if they are interested in art history or museum studies they will submit a declaration form in the semester in which they complete 30 hours.

Transfer Admission Requirements: Direct transfer of courses from other accredited institutions to the Herberger Institute for Design and the Arts are subject to the existence of parallel and equal courses in the college's curriculum and subject to departmental or school evaluation of studio courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 hours in resident credit at ASU. Transfer students enrolled in the college must complete a minimum of 15 hours of resident credit in the major as approved by the faculty.

**Change of Major Requirements:** An ASU student who would like to change a major to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-art-history/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FAARTHBA-null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Recall, summarize, examine, and recognize significant works of art from different periods and cultures of Western and non-Western Art History.
- Think critically and practically about their professional research practice and develop writing samples or research plans, essential for success in the field of art history.
- Learn the basic methodologies of the field and how to apply them to specific works of art and visual culture and art historical theory and criticism.

**Global Opportunities:**

Global Experience: Global Education programs (<https://goglobal.asu.edu>) provide an opportunity for students to explore their creative side with an intercultural lens and deepen their understanding of art history by experiencing the places that gave rise to specific artistic styles. Study abroad provides students with valuable insight into the cultures and minds of some of the world's most notable artists, and exposure to multicultural environments enhances communication skills and fosters valuable career-building experiences.

A global experience encourages students to build communication skills and challenges them, as artists, to think differently. With more than 300 options available, Global Education programs give students a breadth of knowledge in arts and culture uniquely different from their own. Whether in a foreign country, in the U.S. or online, students learn to adapt and persevere, and they are provided with a chance to look inside themselves in a way they haven't done before, growing their personal and artistic self-confidence along the way.

**Career Opportunities:** Graduates of art history programs at the bachelor's degree level find employment opportunities in commercial art galleries, art museums and historical societies and archives. Other options include arts agencies and public art programs or admission to prestigious graduate programs across the nation.

A graduate degree is essential for professional positions, as a master's degree prepares individuals to teach at the community college level; to practice and publish as an art critic or writer; to enhance one's own practice as an artist; or gain entry into museums, archives, historical societies, auction houses, publishing companies and academic presses as well as to art libraries. The doctorate is a necessity for employment as a university or college teacher and for responsible administrative and curatorial positions in the museum and publishing world.

**Contact Information:**

Design and the Arts, Herberger Institute for  
School of Art

<https://art.asu.edu/degree-programs/art-history?dept=160344&id=1>

ART 102

[herbergeradvising@asu.edu](mailto:herbergeradvising@asu.edu)

480-965-8521

## Art (Art Studies), BA (FAARTSTDBA)

**Campus:** Tempe, Online

**Program Description:** The BA in art with a concentration in art studies is a multidisciplinary program with a broad educational foundation in the arts and General Studies with a curriculum unparalleled in its scope of course offerings from across the university.

This concentration offers students a great deal of flexibility in planning coursework. Students, in consultation with faculty advisors, can design a course of study focused on their individual aspirations. This uniquely open degree program features coursework in art history, studio art, and a range of arts-related topics, including performing arts and the history of performance, and fields such as African and African American studies, American Indian studies, history, languages and literature, and women's studies.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics OR MAT 117 College Algebra OR MAT 119 Finite Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: Students meeting the university requirements for admission may matriculate in the Herberger Institute for Design and the Arts. Separate admission procedures and approvals are required for some programs within the college. Students must contact specific departments or schools for details.

First-year applicants may apply directly to the art studies program; there is no portfolio review for this major.

Transfer Admission Requirements: Direct transfer of courses from other accredited institutions to the Herberger Institute for Design and the Arts are subject to the existence of parallel and equal courses in the college's curriculum and subject to departmental or school evaluation of studio courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 credit hours in resident credit at ASU. Transfer students enrolled in the college must complete a minimum of 15 credit hours of resident credit in the major as approved by the faculty.

**Change of Major Requirements:** An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/art-studies-bachelors/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FAARTSTDBA-null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Participate in the process of making art and through this process will effectively visualize their ideas and build their creative thinking and problem-solving skills.
- Develop a comprehensive toolkit for self-promotion that positions them for success in the field of art and design.
- Articulate their place as artists in the contemporary field of art.

#### **Global Opportunities:**

Global Experience: Global Education programs (<https://goglobal.asu.edu>) provide an opportunity for students to explore their creative side with an intercultural lens and allow them to enhance their knowledge of the sculpting arts while applying what they learn in an international setting. Students can explore famous works of art firsthand and experience the environments they were created in, and the hands-on experience gained from a semester abroad is a great way to bolster portfolios and to gain multicultural insight into the world of art.

A global experience encourages students to build communication skills and challenges them, as artists, to think differently. With over 300 options available, Global Education programs give students a breadth of knowledge in arts and culture uniquely different from their own. Whether in a foreign country, in the U.S. or online, students learn to adapt and persevere, and they are provided with a chance to look inside themselves in a way they haven't done before, growing their personal and artistic self-confidence along the way.

**Career Opportunities:** This program prepares students to initiate creative careers as visual artists or as professionals in the public and private spheres. Among many others, the wide range of options include:

- art dealer
- college professor
- commission artist
- community-based artist (in health care settings, nonprofit agencies, and local and national public arts)
- creative art director



- independent artist
- museum or gallery professional
- private school teacher

Career opportunities are also available with employers who seek graduates with a well-rounded humanities education.

**Contact Information:**

Design and the Arts, Herberger Institute for  
School of Art

<https://art.asu.edu/degree-programs/art-studies?dept=1622&id=1>

ART 102

[herbergeradvising@asu.edu](mailto:herbergeradvising@asu.edu)

480-965-8521

## Art (Ceramics), BFA (FAARTCBFA)

**Campus:** Tempe

**Program Description:** The BFA program in art with a concentration in ceramics provides a stimulating and challenging environment for artistic and intellectual growth. With the realization that discipline, familiarity with historical precedents, and freedom go hand in hand with creative activities, the ceramics program strikes a balance between the acquisition of traditional skills and the promotion of independence and innovation. Responsibility is placed on the individual student to find personally meaningful content and an effective means to express that content within the ceramic arts.

The ceramics program features a complete and varied line of kilns, wheels and other equipment. Faculty members ensure that students learn the techniques and concepts that enable them to take their work in any direction they wish. A guest artist schedule enhances the program as does the Ceramics Research Center at the ASU Art Museum, which has a collection of more than 4,000 pieces and provides unparalleled opportunities to study and research the ceramic arts.

Students declare their Bachelor of Fine Arts concentration at the time of their ASU admission. Following admission, if students wish to change their concentration, they may meet with their School of Art academic advisor.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** Any math course that meets the MA designation.

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Additional Requirements:** Students are admitted directly to the ceramics concentration upon admittance to the BFA program in art.

**Transfer Admission Requirements:** Transfer students who have completed the foundational core and pre-art requirements are admitted directly to the ceramics concentration upon admittance to the BFA program in art. To complete an undergraduate degree in four years, it is recommended that community college transfer students who are completing a two-year degree and have completed the foundational core and pre-art requirements apply and submit a declaration form in the semester they are completing their community college degree or the semester before they plan to enter Arizona State University.

Direct transfer of courses from other accredited institutions to the Herberger Institute for Design and the Arts are subject to the existence of parallel and equal courses in the college's curriculum and subject to departmental or school evaluation of studio courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 credit hours in resident credit at ASU. Transfer students enrolled in the college must complete a minimum of 15 credit hours of resident credit in the major as approved by the faculty.

**Change of Major Requirements:** An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FAARTCBFA-null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Students will learn studio fine art techniques and contemporary practices within ceramics and gain the skills for critical writing and verbal analysis. Upon completion of the program, students will be able to demonstrate the technical artistic abilities and conceptual development necessary to create artworks for exhibitions in galleries, museums, festivals, etc. and to pursue advanced research in graduate ceramics programs.
- Students will learn to think critically and practically about their professional practice and develop a comprehensive toolkit for self-promotion positioning them for success in the field of art and design. This program prepares students to apply to selected graduate programs and pursue professional art opportunities, including exhibitions, residencies and grants. Graduates demonstrate academic awareness and professional preparedness.
- Upon completion of the program, students of the BFA program in art will be able to articulate how their work fits within the context of the art world holistically and within the ceramics program. Students will participate in a group BFA capstone exhibition with a professionally installed body of cohesive artwork, along with an artist statement that supports their work, and assemble a professional digital portfolio.

**Global Opportunities:**

Global Experience: Since prehistoric times, engineered and artistic ceramics have played an important role in cultures around the world. With more than 300 programs available in more than 65 countries, Global Education opportunities (<https://goglobal.asu.edu/>) allow for in-depth study of contemporary artist practices while also allowing for broad historical and archaeological explorations.

**Career Opportunities:** Graduates of the undergraduate and graduate programs work as artists in the field, selling their works through commercial galleries, commissions and to private collectors. Some artists work as designers and consultants to the commercial ceramic industry; others set up their own businesses, producing handcrafted functional ware, architectural tiles and one-of-a-kind works.

**Contact Information:**

Design and the Arts, Herberger Institute for  
School of Art  
<https://art.asu.edu/degree-programs/ceramics?dept=160346&id=1>  
ART 102  
herbergeradvising@asu.edu  
480-965-8521

## Art (Digital Photography), BFA (HIARTDPBFA)

**Campus:** Online

**Program Description:** Arizona State University's online BFA program in digital photography emphasizes contemporary, creative and expressive forms of photography.

In this program, students learn about the relationships between technique, concept and aesthetics and how each element contributes to meaning in the photographic image. Through learning the tools of photography; reflecting on contemporary practitioners; and studying the history and theories of photography along with extensive critique with peers, professors and mentors, students are encouraged to rigorously probe their interests and passions as they develop a deep understanding of their own creative process and potential. The program culminates with a capstone class where students are able to apply what they have learned to create a self-designed final project and portfolio.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics OR any math course that meets the MA designation.

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their

academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/art-digital-photography-bfa/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=HIARTDPBFA~null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Create artwork for exhibitions in galleries, museums and other venues demonstrating technical artistic abilities and conceptual development.
- Demonstrate professional preparedness by developing a comprehensive toolkit for self-promotion that will position them for success in the field of art and design.
- Create a cohesive body of artwork organized and shared in a professional digital portfolio.

**Global Opportunities:**

Global Experience: Global Education programs provide an opportunity for students to explore their creative side with an intercultural lens and refine students' own creative vision and comprehensive knowledge of the theory, practice and history of photography. The international practice of photography allows students to expand their portfolio and pursue onsite locations similar to those found only in the professional field.

Not only do global experience programs encourage students to build communication skills, they challenge them, as an artist, to think differently. With over 300 options available, Global Education programs give students a breadth of knowledge in arts and culture uniquely different from their own. Whether it's in a foreign country, in the U.S. or online, Global Education programs (<https://goglobal.asu.edu/>) challenge students to adapt and persevere, and provide them with a chance to look inside themselves in a way they haven't done before, growing their personal and artistic self-confidence along the way.

**Career Opportunities:** Career possibilities for students with a degree in this concentration program include:

- client-based and editorial photography
- documentary photography
- fine art photography
- journalism
- photo book publishing
- photo criticism
- photo editing for web
- photo web design

- photographic post-production (retouching)
- video and photo production.
- visual literacy education

**Contact Information:**

Design and the Arts, Herberger Institute for  
School of Art  
<https://art.asu.edu>  
ART 102  
[soadmin@asu.edu](mailto:soadmin@asu.edu)  
480-965-8521

## Art (Drawing), BFA (FAARTDBFA)

**Campus:** Tempe

ASU is no longer accepting new students to this program. Students interested in drawing should apply to the painting and drawing concentration (<https://degrees.apps.asu.edu/bachelors/major/ASU00/HAARTPDBFA/art-painting-and-drawing>).

**Program Description:** The BFA program in art with a concentration in drawing offers a dynamic environment for creative, intellectual and technical growth that leads to quality art practice and professionalism.

The program encourages a wide spectrum of innovative approaches to contemporary drawing. Working from a variety of sources and subjects, students develop technical proficiency experimenting with a wide range of materials and processes. In addition, students develop the ability to critically assess imagery through written and verbal analysis. In the program's final year, students create a body of work with an individualized approach to form and content, culminating in a senior exhibition.

Students declare their Bachelor of Fine Arts concentration at the time of their ASU admission. Following admission, if students wish to change their concentration, they may meet with their School of Art academic advisor.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics or MAT 119 Finite Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: Currently, all art students are admitted to ASU into the Bachelor of Arts (art studies) program. They must complete a series of requirements that include foundational coursework to be eligible for study in one of the school's Bachelor of Fine Arts degree programs, which include upper-division coursework in the studio. There is no portfolio review process for admission to the School of Art.

Students in their second year who are interested in studio art and art education obtain a signed BFA declaration form after completing the core requirements and during completion of the last of the 12 hours of 200-level art requirements. Students interested in art history or museum studies submit a major declaration form in the semester in which they complete 30 credit hours. The student's major is changed upon successful completion of the major declaration form. Students may choose to remain in and complete the Bachelor of Arts (art studies).

Beginning Fall 2019, students are admitted directly to the drawing concentration upon admittance to the BFA program in art.

Transfer Admission Requirements: Transfer students who have completed the foundational core and pre-art requirements may submit a major declaration form before they have been admitted to ASU. To complete an undergraduate degree in four years, it is recommended that community college transfer students, who are completing a two-year degree and have completed the foundational core and pre-art requirements, apply and submit a declaration form in the semester they are completing their community college degree or the semester before they plan to enter Arizona State University.

Direct transfer of courses from other accredited institutions to the Herberger Institute for Design and the Arts are subject to the existence of parallel and equal courses in the college's curriculum and subject to departmental or school evaluation of studio courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 credit hours in resident credit at ASU. Transfer students enrolled in the college must complete a minimum of 15 credit hours of resident credit in the major as approved by the faculty.

Beginning Fall 2019, transfer students are admitted directly to the drawing concentration upon admittance to the BFA program in art.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FAARTDBFA-null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Students can explore famous works of art firsthand and experience the environments they were created in during study abroad programs. The hands-on experience gained from a semester abroad is a great way to bolster portfolios and to gain multicultural insight into the world of art. More information is available on the Global Education (<https://goglobal.asu.edu/>) website.

**Career Opportunities:** The Bachelor of Fine Arts program prepares students to initiate creative careers as visual artists and as professionals in the public and private sphere. Career opportunities depend on focused concentrations within the area and additional education or training per industry standards.

Professions are varied; some examples include independent artist, illustrator, mural painter, commission artist, museum or gallery professional, art dealer, creative art director, private school teacher, college professor, and community-based artist (venues might include health care settings, nonprofit agencies, and local and national public arts).

**Contact Information:**

Design and the Arts, Herberger Institute for  
School of Art

<https://art.asu.edu/degree-programs/drawing-painting?dept=160342&id=1>

ART 102

[herbergeradvising@asu.edu](mailto:herbergeradvising@asu.edu)

480-965-8521

## Art (Expanded Arts), BFA (FAARTIBFA)

**Campus:** Tempe

This program's name has changed effective Fall 2023. The previous name was Art (Intermedia).

**Program Description:** The BFA program in art with a concentration in expanded arts educates students in traditional and emerging forms and orientations, including performance, installation, 3D fabrication, digital sculpture, public and place-based art, and experimental and documentary video.

Faculty also teach special topics, including the recent studio seminars on walking as art practice and the engagement of women in the field of art and technology. Expanded arts faculty nurture students' talents and provide them with the skills they need to acquire creative and professional opportunities, exhibitions, grants, commissions, residencies and employment as educators, curators and media and arts professionals across an array of established and emerging fields.

Students declare their Bachelor of Fine Arts concentration at the time of their ASU admission. Following admission, if students wish to change their concentration, they may meet with their School of Art academic advisor.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** Any math course that meets the MA designation.

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap

in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: Students are admitted directly to the expanded arts concentration upon admittance to the BFA program in art.

Transfer Admission Requirements: Transfer students who have completed the foundational core and pre-art requirements are admitted directly to the expanded arts concentration upon admittance to the BFA program in art. To complete an undergraduate degree in four years, it is recommended that community college transfer students who are completing a two-year degree and have completed the foundational core and pre-art requirements apply and submit a declaration form in the semester they are completing their community college degree or the semester before they plan to enter Arizona State University.

Direct transfer of courses from other accredited institutions to the Herberger Institute for Design and the Arts are subject to the existence of parallel and equal courses in the college's curriculum and subject to departmental or school evaluation of studio courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 credit hours in resident credit at ASU. Transfer students enrolled in the college must complete a minimum of 15 credit hours of resident credit in the major as approved by the faculty.

**Change of Major Requirements:** An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FAARTIBFA~null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Create artwork for exhibitions in galleries, museums and other venues demonstrating technical artistic abilities and conceptual development.
- Demonstrate professional preparedness by developing a comprehensive toolkit for self-promotion that will position them for success in the field of art and design.
- Create a cohesive body of artwork organized and shared in a professional digital portfolio.

**Global Opportunities:**

Global Experience: Global Education programs (<https://goglobal.asu.edu/>) provide an opportunity for students to explore their creative side with an intercultural lens and to enhance their understanding of expanded arts while engaging in an intercultural study abroad setting. Students are encouraged to build communication skills, and they are challenged, as artists, to think differently.

With more than 300 options available, Global Education programs give students a breadth of knowledge in arts and culture uniquely different from their own and allow them to apply a global scope to their practices, furthering the depth of their portfolios. Whether in a foreign country, in the U.S. or online, students learn to adapt and persevere, and they are provided with the chance to look inside themselves in a way they haven't done before, growing their self-confidence along the way.

**Career Opportunities:** Career opportunities depend on the emphasis selected. Possibilities include:

- computer graphics and animation
- community-based art (in schools, health care settings, nonprofit agencies)
- event production and cultural production
- positions in the music or entertainment industry
- video production and post-production
- web-based entertainment, education and communication

Professions may include:

- animator
- art director and set designer
- audio and video equipment technician
- commercial and industrial designer
- elementary or secondary school teacher
- independent artist
- marketing and public relations director
- media consultant
- museum and gallery curator, staff, director or art dealer
- performer
- professor
- video and media producer or designer
- video game designer

**Contact Information:**

Design and the Arts, Herberger Institute for

School of Art

<https://art.asu.edu/degree-programs/intermedia?dept=160348&id=1>

ART 102

[herbergeradvising@asu.edu](mailto:herbergeradvising@asu.edu)

480-965-8521

## Art (Museum Studies), BA (FAARTMSBA)

**Campus:** Tempe, Online

**Program Description:** The BA program in art with a concentration in museum studies focuses on the most prescient international themes and issues at the forefront of contemporary museum and heritage studies. These include various ethical and institutional issues, such as decolonization and repatriation claims, activist curating, and the role that institutions can play in promoting inclusiveness and cultural diversity, among other current topics.

To reflect the breadth of the sector, students pursuing museum studies select, from a large pool of approved subjects and in consultation with their advisor, their own focus areas, areas such as art history, anthropology, history, liberal studies, education, global studies, justice studies, parks and recreation. These courses offer a range of learning opportunities led by scholars and museum practitioners from across the ASU campus and around the globe. Optional internships enable students to work directly with working arts professionals in their field of interest.

**Additional Program Fee:** Y

**Second Language Requirement:** Yes

**First Required Math Course:** Any math course that meets the MA designation.

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

Creative Enterprise and Cultural Leadership, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Additional Requirements:** Students meeting the university requirements for admission may matriculate in the Herberger Institute for Design and the Arts. Separate admission procedures and approvals are required for some programs within the college. Students must contact specific departments or schools for details.

**Transfer Admission Requirements:** Direct transfer of courses from other accredited institutions to the Herberger Institute for Design and the Arts are subject to the existence of parallel and equal courses in the college's curriculum and subject to departmental or school evaluation of studio courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 hours in resident credit at ASU. Transfer students enrolled in the college must complete a minimum of 15 hours of resident credit in the major as approved by the faculty.

**Change of Major Requirements:** An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Attend Online:**

**ASU Online:** ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/art-museum-studies-ba/>) for program descriptions and to request more information.

**ASU Local:** It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FAARTMSBA~null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Students will recall the general history and function of museums and heritage sites domestically and globally.
- Students will comparatively analyze elements of potential careers within the museums and heritage site sectors utilizing evidence-based research.
- Students will write at an academic level suitable for further graduate study.

#### **Global Opportunities:**

**Global Experience:** Global Education programs (<https://goglobal.asu.edu/>) allow students to engage with the environment where history and art collide. The programs provide an immersive experience in the field of art history, enabling students to obtain a better understanding of their field of study. Students also further their communication skills and explore their creative side with an intercultural lens, and they are challenged, as an artist, to think differently.

With more than 300 options available in a foreign country, in the U.S. or online, Global Education programs give students a breadth of knowledge in arts and culture uniquely different from their own. Students are challenged to adapt and persevere and to look inside themselves in a way they haven't done before, growing their self-confidence along the way.

**Career Opportunities:** Upon completion, graduates find employment opportunities in museums, galleries, archives, historical societies, national parks and other nonprofit organizations. They also can matriculate in a Master of Arts program in museum and heritage studies.

#### **Contact Information:**

Design and the Arts, Herberger Institute for  
School of Art

<https://art.asu.edu/degree-programs/art-history-museum-studies?dept=160344&id=1>

ART 102

[herbergeradvising@asu.edu](mailto:herbergeradvising@asu.edu)

480-965-8521

## **Art (Painting and Drawing), BFA (HIARTPDBFA)**



**Campus:** Tempe

**Program Description:** The BFA program in art with a concentration in painting and drawing offers a dynamic environment for creative and conceptual growth that promotes students to a successful studio art practice and engages them in the larger global art community.

The program's curriculum encourages a wide spectrum of innovative approaches to painting and drawing. Working from a variety of sources and subjects, students develop technical proficiency through experimentation with a wide range of materials and processes. In addition, students develop the ability to critically assess imagery through growing their visual intelligence and the development of written and verbal communication.

In concentration courses, students develop unique creative problem-solving skills, examine contemporary artists' paths, and expand their ability to engage intellectually and reflect deeply regarding broader contexts of the art community. In their capstone and research studio courses, students develop a distinctive body of work with an individualized approach to concept and content. The senior thesis exhibition gives students practical experience in presenting their work in a professional gallery setting. Students graduate from the program prepared for the future with a portfolio of completed works and experience in professional practice.

Students declare their Bachelor of Fine Arts concentration at the time of ASU admission. Following admission, if students wish to change their concentration, they may meet with their School of Art academic advisor.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** Any math course that meets the MA designation.

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=HIARTPDBFA~null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: With over 300 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad (<https://goglobal.asu.edu/>) is possible for all ASU students who wish to acquire a global perspective and knowledge in preparation for a future-focused career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs.

**Career Opportunities:** This program prepares students to initiate creative careers as visual artists and as professionals in the public and private sphere. Career opportunities depend on focus areas and additional education or training per industry standards.

Professions are varied; some examples include independent artist, illustrator, mural painter, commission artist, museum or gallery professional, art dealer, creative art director, private school teacher, college instructor, and community-based artist (venues might include health care settings, nonprofit agencies, local or national public arts).

**Contact Information:**

Design and the Arts, Herberger Institute for  
School of Art  
<https://art.asu.edu/>  
ART 102  
[herbergeradvising@asu.edu](mailto:herbergeradvising@asu.edu)  
480-965-8521

## Art (Painting), BFA (FAARTPABFA)

**Campus:** Tempe

ASU is no longer accepting new students to this program. Students interested in painting should apply to the painting and drawing concentration (<https://degrees.apps.asu.edu/bachelors/major/ASU00/HAARTPDBFA/art-painting-and-drawing>).

**Program Description:** The BFA program in art with a concentration in painting offers a dynamic environment for creative, intellectual and technical growth that leads to quality art practice and professionalism.

The program encourages a wide spectrum of innovative approaches to contemporary painting. Working from a variety of sources and subjects, students develop technical proficiency experimenting with a wide range of materials and processes. In addition, students develop the ability to critically assess imagery through written and verbal analysis. In the program's final year, students create a body of work with an individualized approach to form and content, culminating in a senior exhibition.

Students declare their Bachelor of Fine Arts concentration at the time of their ASU admission. Following admission, if a student wishes to change their concentration, they may meet with their School of Art academic advisor.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics or MAT 117 College Algebra or MAT 119 Finite Mathematics

**Program Math Intensity:** General

### Concurrent Program Options:

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

### Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: Currently, all art students are admitted to ASU into the Bachelor of Arts (art studies) program. They must complete a series of requirements that include foundational coursework to be eligible for study in one of the school's Bachelor of Fine Arts degree programs, which include upper-division coursework in the studio. There is no portfolio review process for admission to the School of Art.

Students in their second year who are interested in studio art and art education obtain a signed BFA declaration form after completing the core requirements and during completion of the last of the 12 hours of 200-level art requirements. Students interested in art history or museum studies submit a major declaration form in the semester in which they complete 30 credit hours. The student's major is changed upon successful completion of the major declaration form. Students may choose to remain in and complete the Bachelor of Arts (art studies).

Beginning Fall 2019, students are admitted directly to the painting concentration upon admittance to the BFA program in art.

Transfer Admission Requirements: Transfer students who have completed the foundational core and pre-art requirements may submit a major declaration form before they have been admitted to ASU. To complete an undergraduate degree in four years, it is recommended that community college transfer students, who are completing a two-year degree and have completed the foundational core and pre-art requirements, apply and submit a declaration form in the semester they are completing their community college degree or the semester before they plan to enter Arizona State University.

Direct transfer of courses from other accredited institutions to the Herberger Institute for Design and the Arts are subject to the existence of parallel and equal courses in the college's curriculum and subject to departmental or school evaluation of studio courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 credit hours in resident credit at ASU. Transfer students enrolled in the college must complete a minimum of 15 credit hours of resident credit in the major as approved by the faculty.

Beginning Fall 2019, transfer students are admitted directly to the painting concentration upon admittance to the BFA program in art.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FAARTPABFA~null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Students can explore famous works of art firsthand and experience the environments they were created in during study abroad programs. The hands-on experience gained from a semester abroad is a great way to bolster portfolios and to gain multicultural insight into the world of art. More information is available on the Global Education (<https://goglobal.asu.edu/>) website.

**Career Opportunities:** The Bachelor of Fine Arts program prepares students to initiate creative careers as visual artists and as professionals in the public and private sphere. Career opportunities depend on focused concentrations within the area and additional education or training per industry standards. Professions could include independent artist, illustrator, mural painter, commission artist, museum or gallery professional, art dealer, creative art director, private school teacher, college professor, or community-based artist in health care settings, nonprofit agencies, and local and national public arts organizations, among others.

**Contact Information:**

Design and the Arts, Herberger Institute for School of Art

<https://art.asu.edu/degree-programs/drawing-painting/?dept=160342&id=1>

ART 102

[herbergeradvising@asu.edu](mailto:herbergeradvising@asu.edu)

480-965-8521

## Art (Photography), BFA (FAARTPHBFA)

**Campus:** Tempe

**Program Description:** Students in the BFA program in art with a concentration in photography are offered an education in the production and analysis of photographs as a form of creative expression. Students work in a wide range of photographic media, including state-of-the-art digital output, analog and 19th-century processes.

The internationally recognized photography faculty at ASU are diverse, representing and encouraging a wide range of approaches to the production of photo-based art. Students learn to be self-disciplined and self-directed, to understand complex ideas around how images function in their work, and to develop a strong sense of themselves and their place in the world.

Students declare their Bachelor of Fine Arts concentration at the time of their ASU admission. Following admission, if a student wishes to change their concentration, they may meet with their School of Art academic advisor.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** Any math course that meets the MA designation.

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: There is no portfolio review process for admission to the School of Art.

Transfer Admission Requirements: To complete an undergraduate degree in four years, it is recommended that community college transfer students complete the foundational core and pre-art requirements.

Direct transfer of courses from other accredited institutions to the Herberger Institute for Design and the Arts are subject to the existence of parallel and equal courses in the college's curriculum and subject to departmental or school evaluation of studio courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 credit hours in resident credit at ASU. Transfer students enrolled in the college must complete a minimum of 15 resident credit hours in the major as approved by the faculty.

**Change of Major Requirements:** An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FAARTPHBFA~null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Create artwork for exhibitions in galleries, museums and other venues demonstrating technical artistic abilities and conceptual development.
- Demonstrate professional preparedness by developing a comprehensive toolkit for self-promotion that will position them for success in the field of art and design.
- Create a cohesive body of artwork organized and shared in a professional digital portfolio.

#### **Global Opportunities:**

Global Experience: The international practice of photography allows students to expand their portfolio and to pursue onsite locations similar to those found only in the professional field. Global Education programs (<https://goglobal.asu.edu/>) provide an opportunity for students to explore their creative side with an intercultural lens. Not only do Global Experience programs encourage students to build communication skills, they challenge them, as an artist, to think differently. With over 300 options available, Global Education programs give students a breadth of knowledge in arts and culture uniquely different from their own. Whether it's in a foreign country, in the U.S. or online, Global Education programs challenge students to adapt and persevere, and provide them with a chance to look inside yourself in a way they haven't done before, growing their self-confidence along the way.

**Career Opportunities:** A degree in the arts offers students a pathway to a rich and varied choice of careers. Students with a photography degree may work as independent studio photographers or contract for commercial work for firms, museums, galleries, individuals and other artists. Though this is not a commercial degree program, some students apply their skills post-graduation by doing product photography, portraits or event photography. Students have also started their own successful art galleries.

Photo skills hone a particular sensitivity to issues of representation and a heightened sense of time, among many other life-enhancing attributes. These critical and creative sensitivities can be brought to bear in life after graduation whatever career path a student chooses. The bachelor's degree is essential for advanced study leading to the terminal MFA. This advanced degree offers opportunities in:

- curatorial work in galleries, museums and historical collections
- history or studio areas
- nonprofit arts organization management
- university teaching

#### **Contact Information:**

Design and the Arts, Herberger Institute for  
School of Art

<https://art.asu.edu/degree-programs/photography?dept=160349&id=1>

ART 102

[herbergeradvising@asu.edu](mailto:herbergeradvising@asu.edu)

## Art (Printmaking), BFA (FAARTPMBFA)

**Campus:** Tempe

**Program Description:** The BFA in art with a concentration in printmaking develops students' skills in technical processes, conceptual development and creative problem-solving to address the important questions in creative, social and community practices. The printmaking area provides a strong foundational understanding of the many traditional and contemporary processes while fostering experimentation and the development of unique approaches.

Collaboration, one of the historical underpinnings of printmaking, is encouraged; students often work with other areas such as photography, intermedia, social arts practice, textiles, painting and drawing, sculpture and projects within the larger community. Program faculty teach in well-equipped studios for intaglio, lithography, relief, screen printing, book arts, papermaking, a digital lab and a dedicated graduate studio. The program also offers specialties such as traditional dust grain copper photogravure, post digital production, letterpress, zines and papermaking classes.

Students can declare a major in printmaking upon acceptance to the School of Art or after successfully completing ART 253 Intro to Printmaking. Following admission, if students wish to change their concentration, they may meet with their School of Art academic advisor.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

### Concurrent Program Options:

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

### Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: Students are admitted directly to the printmaking concentration upon admittance to the BFA program in art.

Transfer Admission Requirements: Transfer students who have completed the foundational core and pre-art requirements are admitted directly to the printmaking concentration upon admittance to the BFA program in art. To complete an undergraduate degree in four years, it is recommended that community college transfer students who are completing a two-year degree and have completed the foundational core and pre-art requirements apply and submit a declaration form in the semester they are completing their community college degree or the semester before they plan to enter Arizona State University.

Direct transfer of courses from other accredited institutions to the Herberger Institute for Design and the Arts are subject to the existence of parallel and equal courses in the college's curriculum and subject to departmental or school evaluation of studio courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 credit hours in resident credit at ASU. Transfer students enrolled in the college must complete a minimum of 15 credit hours of resident credit in the major as approved by the faculty.

**Change of Major Requirements:** An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

### Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FAARTPMBFA-null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Create artwork for exhibitions in galleries, museums and other venues demonstrating technical artistic abilities and conceptual development.
- Demonstrate professional preparedness by developing a comprehensive toolkit for self-promotion that will position them for success in the field of art and design.
- Create a cohesive body of artwork organized and shared in a professional digital portfolio.

**Global Opportunities:**

Global Experience: Students can enhance their understanding of printmaking while immersed in an intercultural setting. Global Education programs (<https://goglobal.asu.edu/>) provide an opportunity for students to explore their creative side with an intercultural lens and offer them a deeper look into the world of the art of printmaking, allowing them to apply a global scope to their practices, furthering the depth of their portfolios. Students build communication skills and are challenged, as artists, to think differently.

With over 300 options available, Global Education programs give students a breadth of knowledge in arts and culture uniquely different from their own. Whether in a foreign country, in the U.S. or online, students learn to adapt and persevere, and are provided with a chance to look inside themselves in a way they haven't done before, growing their self-confidence along the way.

**Career Opportunities:** Trained printmakers are working artists, practicing the expression of a personal understanding of their place in the world. They may find employment as artists or printmakers in schools of all levels teaching the execution and appreciation of visual art. They also work in fine art print studios, executing original prints for other artists.

Printmaking skills such as screenprinting or photomechanical and digital techniques, acquired for the production of art, also have commercial, non-art applications that may afford skilled employment. Artists with printmaking skills may also work in graphic design, illustration and signage or may work in museums, conservation, publishing, galleries and in other art-related activities.

**Contact Information:**

Design and the Arts, Herberger Institute for  
School of Art

<https://art.asu.edu/degree-programs/printmaking?dept=160350&id=1>

ART 102

[herbergeradvising@asu.edu](mailto:herbergeradvising@asu.edu)

480-965-8521

## Art (Sculpture), BFA (FAARTSBFA)

**Campus:** Tempe

**Program Description:** The BFA in art with a concentration in sculpture recognizes the broad, transdisciplinary nature of sculpture today. A wide range of media now falls within an expanded definition of sculpture.

Coursework covers public and site-specific sculpture, foundry, interactive and electronic sculpture, neon, small metals, wood, and video and sound installation. Students learn to put today's creations in the context of the history of sculpture and the larger field of contemporary art. Critical inquiry is augmented by courses in the art history program. Visiting artists, curators and critics share their experience directly with students.

Students declare their Bachelor of Fine Arts concentration at the time of their ASU admission. Following admission, if students wish to change their concentration, they may meet with their School of Art academic advisor.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** Any math course that meets the MA designation.

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Additional Requirements:** Students are admitted directly to the sculpture concentration upon admittance to the BFA program in art.

**Transfer Admission Requirements:** Transfer students who have completed the foundational core and pre-art requirements are admitted directly to the sculpture concentration upon admittance to the BFA program in art. To complete an undergraduate degree in four years, it is recommended that community college transfer students who are completing a two-year degree and have completed the foundational core and pre-art requirements apply and submit a declaration form in the semester they are completing their community college degree or the semester before they plan to enter Arizona State University.

Direct transfer of courses from other accredited institutions to the Herberger Institute for Design and the Arts are subject to the existence of parallel and equal courses in the college's curriculum and subject to departmental or school evaluation of studio courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 credit hours in resident credit at ASU. Transfer students enrolled in the college must complete a minimum of 15 credit hours of resident credit in the major as approved by the faculty.

**Change of Major Requirements:** An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FAARTSBFA~null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Create artwork for exhibitions in galleries, museums and other venues demonstrating technical artistic abilities and conceptual development.
- Demonstrate professional preparedness by developing a comprehensive toolkit for self-promotion that will position them for success in the field of art and design.
- Create a cohesive body of artwork organized and shared in a professional digital portfolio.

#### **Global Opportunities:**

**Global Experience:** Global Education programs (<https://goglobal.asu.edu/>) provide an opportunity for students to explore their creative side with an intercultural lens and allow them to enhance their knowledge of the sculpting arts while applying what they learn in an international setting. Not only do Global Experience programs encourage students to build communication skills, they challenge them, as an artist, to think differently. With over 300 options available, Global Education programs give students a breadth of knowledge in arts and culture uniquely different from their own. Whether it's in a foreign country, in the U.S. or online, Global Education programs challenge students to adapt and persevere, and provide them with a chance to look inside themselves in a way they haven't done before, growing their self-confidence along the way.

**Career Opportunities:** Graduates are prepared to embark on a lifetime exploration of the many aspects of 3D art. Positions are available in:

- fabrication and design of exhibitions
- set design
- teaching
- the motion picture industry
- 3D design
- welding and foundry technician work

Through one-on-one mentoring, students learn to win commissions and awards, hold exhibitions, and obtain residencies and jobs as studio artists, public artists, fabricators, project managers, teachers and arts administrators.

Many students also prefer to establish their own studios after graduation.

#### **Contact Information:**

Design and the Arts, Herberger Institute for  
School of Art  
<https://art.asu.edu/degree-programs/sculpture-metals-woods?dept=160351&id=1>  
ART 102  
[herbergeradvising@asu.edu](mailto:herbergeradvising@asu.edu)  
480-965-8521

## Art (Textiles), BFA (FAARTFBFA)

**Campus:** Tempe

**Program Description:** The BFA program in art with a concentration in textiles is committed to the exploration and advancement of innovative textile practices. Working from fundamental techniques such as weaving, dyeing, textile printing and fiber sculpture, students gain mastery of skill along with an immersion in related critical theory.

An emphasis is placed on how investigations into the material and the political and social histories of textiles can inform contemporary art practice. The professional activity of the faculty provides students with a network of outside opportunities such as assistantships, internships, scholarships, residencies and exhibitions.

Students declare their Bachelor of Fine Arts concentration at the time of their ASU admission. Following admission, if students wish to change their concentration, they may meet with their School of Art academic advisor.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** Any math course that meets the MA designation.

**Program Math Intensity:** General

### Concurrent Program Options:

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

### Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: First-year students are admitted directly to the textiles concentration upon admittance to the BFA program in art.

Transfer Admission Requirements: Transfer students must have completed the foundational core and pre-art requirements before admittance to the textiles concentration. To complete an undergraduate degree in four years, it is recommended that community college transfer students who are completing a two-year degree and have completed the foundational core and pre-art requirements apply and submit a declaration form in the semester they are completing their community college degree or the semester before they plan to enter Arizona State University.

Direct transfer of courses from other accredited institutions to the Herberger Institute for Design and the Arts are subject to the existence of parallel and equal courses in the college's curriculum and subject to departmental or school evaluation of studio courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 credit hours in resident credit at ASU. Transfer students enrolled in the college must complete a minimum of 15 credit hours of resident credit in the major as approved by the faculty.

**Change of Major Requirements:** An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

### Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FAARTFBFA-null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer



experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Create artwork for exhibitions in galleries, museums and other venues demonstrating technical artistic abilities and conceptual development.
- Demonstrate professional preparedness by developing a comprehensive toolkit for self-promotion that will position them for success in the field of art and design.
- Create a cohesive body of artwork organized and shared in a professional digital portfolio.

#### **Global Opportunities:**

Global Experience: Global Education programs (<https://goglobal.asu.edu/>) provide an opportunity for students to explore their creative side with an intercultural lens and allow them to further their understanding of textile art forms. While abroad, students gain insight into the processes of the textile industry and learn more about the field firsthand all while reinforcing their portfolio work. Not only do Global Experience programs encourage students to build communication skills, they challenge them, as an artist, to think differently. With over 300 options available, Global Education programs give students a breadth of knowledge in arts and culture uniquely different from their own. Whether it's in a foreign country, in the U.S. or online, Global Education programs challenge students to adapt and persevere, and provide them with a chance to look inside yourself in a way they haven't done before, growing their self-confidence along the way.

**Career Opportunities:** Graduates are prepared with the technical skills they need to pursue a professional career within a diverse range of options that reflect the breadth of the textiles field. Some have established careers in design, in settings as varied as working in industry creating commercial items to setting up boutique studios for the creation of one-of-a-kind fabrics for garments and interiors. Others have chosen to pursue graduate degrees in art or design or in fields adjacent to textiles such as business or technology. Graduates continue to develop their art practice once leaving ASU, with outcomes that range from continued personal explorations to professional gallery exhibitions.

#### **Contact Information:**

Design and the Arts, Herberger Institute for  
School of Art

<https://art.asu.edu/degree-programs/textiles?dept=160347&id=1>

ART 102

[herbergeradvising@asu.edu](mailto:herbergeradvising@asu.edu)

480-965-8521

## **Arts (BA in the Arts), BA (FAATSBA)**

**Campus:** Tempe

**Program Description:** The BA in the arts is an interdisciplinary degree program designed for students who are passionate about the arts and design and interested in exploring multiple arts disciplines rather than specializing in one.

Students gain an increased understanding of the theoretical, historical and cultural forces that shape the cultural expression of arts and design. Students pursue open-ended paths to explore and develop a range of skills suitable for advanced study in multiple areas.

The major includes a common core for all students, and students may choose a focus from arts administration or entertainment design or they may design an individualized focus that is subject to approval by the institute's standards committee and the dean's office.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics OR any math course that meets the MA designation

**Program Math Intensity:** General

#### **Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

#### **Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Creative Enterprise and Cultural Leadership, MA

the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

#### **Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FAATSBA-null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Global Opportunities:**

Global Experience: Students whose program of study is in the arts have the ability to further their studies around the world (<https://goglobal.asu.edu/>). Equipped with the knowledge obtained in classes, students can explore cultural aesthetic practices while studying abroad, furthering their understanding and enhancing their portfolios.

**Career Opportunities:** As the population in the state of Arizona grows, numerous arts organizations are being developed to provide cultural and artistic experiences for the state's residents. These organizations need and demand individuals who understand the impact the arts have on society and who can be passionate employees committed to the arts. This program provides the necessary skill sets, including critical thinking, for such careers as:

- arts administrators
- arts critics
- entertainment designers
- media arts authors and publishers
- museum curators and directors
- public art specialists

#### **Contact Information:**

Design and the Arts, Herberger Institute for  
Dean, Herberger Institute for Design and the Arts  
<https://art.asu.edu/degree-programs/undergraduate>  
CDS 101  
[herbergeradvising@asu.edu](mailto:herbergeradvising@asu.edu)  
480-965-4495

## **Dance, BFA (FADANBFA)**

**Campus:** Tempe

**Program Description:** The School of Music, Dance and Theatre provides an inclusive, dynamic and culturally diverse learning environment in which students develop as creative artists, scholars and educators. The BFA program in dance offers an engaging curriculum that emphasizes collaboration and a holistic approach to movement and education. The program encourages today's artists to develop multiple skills for success in the arts and its related fields.

The core values of the program include creativity, inquiry and humanity. To bridge knowledge and community and to gain understanding of dance as inquiry, these values are embedded in a broad range of academic experiences and exploratory processes. The dance program includes coursework in creative practices (the study of the creative process and dance-making using improvisation, choreography and interdisciplinary approaches); dance and digital arts; dance history, ethnography and philosophy; movement practices (the study of the theory, history and technique of a range of dance forms and mind-body practices, including Afro-Latin, contemporary ballet, hip hop, contemporary modern and somatic practices); and seminars.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** Any math course that meets the MA designation.

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: Admission to the BFA in dance is selective and based on an interview process. Students are admitted to ASU as dance interview students and must successfully complete an interview and audition before enrolling in the dance major. If a student passes the interview, the School of Music, Dance and Theatre will change the student's major to the BFA in dance. In the event the student is admitted to ASU but not selected as a dance major or misses the interview application deadline, the student enters ASU as a dance interview student and must successfully pass the dance interview and audition milestone in the first semester in order to gain admission into the program.

Interview days (<https://musicdancetheatre.asu.edu/degree-programs/dance/undergraduate>) take place in November and February of each year. To ensure a smooth curricular progression, all prospective dance students, including transfer students, are strongly encouraged to participate in the interview day during the semester prior to their intended date of enrollment.

Application Deadlines: Students should review the Dance Interview Day requirements and deadlines (<https://musicdancetheatre.asu.edu/admissions/dance/undergraduate-steps-to-apply>) for more details.

Transfer Admission Requirements: Direct transfer of courses from other accredited institutions to the Herberger Institute for Design and the Arts are subject to the existence of parallel and equal courses in the college's curriculum and departmental or school evaluation of studio courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 hours in resident credit at ASU. Transfer students enrolled in the institute must complete a minimum of 15 hours of resident credit in the major as approved by the faculty.

Application Deadlines: Students should review the Dance Interview Day requirements and deadlines (<https://musicdancetheatre.asu.edu/admissions/dance/undergraduate-steps-to-apply>) for more details.

**Change of Major Requirements:** An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FADANBFA-null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Apply creative perspectives and skills in their art-making that reflect broad understandings of current dance and digital media practices.
- Implement culturally sensitive, moral, and socially grounded teaching, facilitation and community building practices.
- Apply knowledge of the diversity and significance of past and current dance practices, traditions and trends as they are situated within human cultures to the creation and assessment of new work.

Global Experience: Dance transcends language, so students can explore their art in various countries, no matter the language. When studying abroad (<https://goglobal.asu.edu/>), students expand their view of dance through an international lens while exploring various dance forms at their origins.

**Career Opportunities:** The comprehensive academic foundation of the Bachelor of Fine Arts program in dance prepares students to be leading dance professionals. Graduates of the program have the expertise to pursue professions as choreographers, performers, educators, community artists, scholars and much more. After leaving ASU, many graduates participate in activities like:

- conducting academic research
- curating or producing dance festivals and events
- directing or managing performing art companies, studios or dance-related organizations
- facilitating community partnerships and projects
- producing dance media for performance or instruction
- pursuing certification in somatic practices (Laban Movement Analysis, Feldenkrais Method, Alexander Technique, body-mind centering, etc.)
- teaching and designing curriculum
- working as a dance critic
- working in technical theatre and dance production
- working in the areas of health and wellness (fitness, yoga, massage therapy, etc.)
- working in the field of arts management and administration
- writing for scholarly publications

**Contact Information:**

Design and the Arts, Herberger Institute for  
School of Music, Dance and Theatre  
<https://musicdancetheatre.asu.edu/degree-programs/dance-bfa>  
GHALL 232A  
[mdtadmissions@asu.edu](mailto:mdtadmissions@asu.edu)  
480-965-4206

## Dance (Dance Education), BFA (FADANEBFA)

**Campus:** Tempe

**Program Description:** The BFA in dance with a concentration in dance education prepares students for certification to teach dance in K-12 schools in the state of Arizona as well as for certification in other states through a multistate reciprocity agreement.

The School of Music, Dance and Theatre provides a dynamic and culturally diverse learning environment in which students develop as creative artists, scholars and educators. Studies in dance cultures, music, digital media, dance history, philosophy and criticism, movement science, somatics, and stage and screen production enhance the rich educational setting. Creativity and research, the core program values, help to bridge knowledge and community and are embedded in a broad range of academic experiences emphasizing movement and creative practices, artistic process, leadership and pedagogy. The dance program also includes coursework in technique of a range of dance forms and mind-body practices, including Afro-Latin, contemporary ballet, hip hop, contemporary modern and somatic movement practice, and seminars.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** Any math course that meets the MA designation.

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: Admission to the BFA in dance is selective and based on an interview process. Students are admitted to ASU as dance interview students and must successfully complete an interview and audition before enrolling in the dance major. If a student passes the interview, the School of Music, Dance and Theatre changes the student's major to the BFA in dance. In the event that the student is admitted to ASU but not selected as a dance major or misses the interview application deadline, the student enters ASU as a dance interview student and must successfully

pass the dance interview and audition milestone in the first semester in order to gain admission into the program.

Interview days (<https://musicdancetheatre.asu.edu/degree-programs/dance/undergraduate>) take place in November and February of each year. To ensure a smooth curricular progression, all prospective dance students, including transfer students, are strongly encouraged to participate in the interview day during the semester prior to their intended date of enrollment.

**Application Deadlines:** Students should review Dance Interview Day requirements and deadlines (<https://musicdancetheatre.asu.edu/admissions/dance/undergraduate-steps-to-apply>) for more details.

**Transfer Admission Requirements:** Direct transfer of courses from other accredited institutions to the Herberger Institute for Design and the Arts are subject to the existence of parallel and equal courses in the college's curriculum and departmental or school evaluation of studio courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 hours in resident credit at ASU. Transfer students enrolled in the institute must complete a minimum of 15 hours of resident credit in the major as approved by the faculty.

**Application Deadlines:** Students should review Dance Interview Day requirements and deadlines (<https://musicdancetheatre.asu.edu/admissions/dance/undergraduate-steps-to-apply>) for more details.

**Change of Major Requirements:** An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FADANEBFA-null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Apply creative perspectives and skills in their art-making that reflect broad understandings of current dance and digital media practices.
- Develop pedagogical approaches and curricular content for PreK-12 and community dance education settings.
- Apply knowledge of past and current dance practices, traditions and trends in one or more global or historical dance forms.

#### **Global Opportunities:**

**Global Experience:** Dance transcends language, so students can explore their art in various countries, no matter the language. When studying abroad (<https://goglobal.asu.edu/>), students expand their view of dance through an international lens while exploring various dance forms at their origins, gaining knowledge that will help them become educators of the art.

**Career Opportunities:** The concentration in dance education lays the foundation for a career in teaching in public and private settings. Students earn an Arizona teaching certification while pursuing the dance education degree and they can expect to find employment in one of many thriving middle school and high school dance programs throughout the state, community settings or dance studios.

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

#### **Contact Information:**

Design and the Arts, Herberger Institute for  
School of Music, Dance and Theatre  
<https://musicdancetheatre.asu.edu/degree-programs/dance-dance-education-bfa>  
GHALL 212  
mdtadmissions@asu.edu  
480-965-4206

## **Design Studies, BA (ARDSNBA)**

**Campus:** Tempe

ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options.  
2023-24 Academic Catalog Archive

**Program Description:** The BA program in design studies is a four-year, nonstudio program of study in design that focuses on the design disciplines offered in the ASU Herberger Institute:

- architectural studies
- graphic design
- industrial design
- interior design
- landscape architecture

This is a highly flexible program of study, much like a liberal arts degree, in which students select design and design-related courses offered in the institute and throughout the university. Students acquire a breadth of design knowledge via courses taken from three categories: communication for design, design history and general design.

The program provides a design education, general and specific, for students who seek opportunities in the broader design sector or in graduate education.

Students may undertake the program in one of two specific concentrations: design studies, which allows students to discover myriad possibilities of design as a subject area as well as the flexibility that it provides for further exploration; or design management, which offers a selection of courses in management and human communication that complement design.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** Any math course that meets the MA designation.

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ARDSNBA~null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: With over 300 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad (<https://goglobal.asu.edu/>) is possible for all ASU students who wish to acquire a global perspective and knowledge in preparation for their career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs.

**Career Opportunities:** Although a specific career path is not the principal intention, some graduates of the program have become involved in sales and marketing in the design sector; others have gone on to graduate studies in architecture and planning. Other possible career paths include journalism and education.

**Contact Information:**

Design and the Arts, Herberger Institute for  
Dean, Herberger Institute for Design and the Arts  
<https://design.asu.edu/degree-programs>  
CDS 101  
[herbergeradvising@asu.edu](mailto:herbergeradvising@asu.edu)

## Design Studies (Design Management), BA (ARDSNMBA)

**Campus:** Tempe

ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options.

**Program Description:** The BA in design studies is a four-year, nonstudio program of study in design that focuses on the design disciplines offered in the ASU Herberger Institute for Design and the Arts:

- architectural studies
- graphic design
- industrial design
- interior design
- landscape architecture

It is a highly flexible program of study, much like a liberal arts degree, in which students select design and design-related courses offered in the institute and throughout the university. Students acquire a breadth of design knowledge via courses taken from three categories: communication for design, design history and general design.

It provides a design education, general and specific, for students who seek opportunities in the broader design sector or in graduate education.

The concentration in design management offers a selection of courses in management and human communication that complement design and allows for more focused study in these areas.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** Any math course that meets the MA designation.

**Program Math Intensity:** General

### Concurrent Program Options:

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

### Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

### Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ARDSNMBA~null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

### Global Opportunities:

Global Experience: With over 300 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad (<https://goglobal.asu.edu/>) is possible for all ASU students who wish to acquire a global perspective and knowledge in preparation for their career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs.

**Career Opportunities:** Although a specific career path is not the principal intention, graduates of the program have become involved in sales and marketing in the design sector while others have gone on to graduate studies in architecture and planning. Other possible career paths include journalism and education.

### Contact Information:

Design and the Arts, Herberger Institute for

Dean, Herberger Institute for Design and the Arts

<https://design.asu.edu/degree-programs>

CDS 101

[herbergeradvising@asu.edu](mailto:herbergeradvising@asu.edu)

480-965-4495

## Digital Culture (Media Processing), BA (HIDGCMPPBA)

**Campus:** Tempe

ASU is no longer accepting new students to this program. Students interested in a media processing concentration should apply to the BS in digital culture (media processing) (<https://degrees.apps.asu.edu/bachelors/major/ASU00/HIDGCMPPBS/digital-culture-media-processing>).

**Program Description:** The BA program in digital culture equips students with the technical skills to create computational media and the cultural skills to know when or why to apply them.

Students learn to create computational media, which is computation combined with objects, sound, video, time, space, culture and bodies; breathe behavior into media, objects or systems by programming; think critically about how computation impacts lives and how culture makes a difference in how people experience computational media, a critical skill in this dynamic age.

All students gain techniques to change the world and communicate using contemporary computational media, a vital power in today's world. Some go on to invent fresh techniques. Armed with skills and sound judgment, graduates work in cultural communication, marketing, design, social media, health, education, entertainment and creative arts, and all areas in which culture is shaped by technology and computational media.

This digital culture program with a concentration in media processing is offered in partnership with the Ira A. Fulton Schools of Engineering. The program is designed for students who desire to specialize in media processing aspects of new media. Students complement their knowledge with a more advanced understanding of programming, data structures, signals processing and system architecture aspects of new media.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 210 - Brief Calculus

**Program Math Intensity:** Moderate

### Concurrent Program Options:

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

### Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

### Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® ([https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=HIDGCMPPBA-null + &college=CHI](https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=HIDGCMPPBA-null+%26college=CHI)) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

### Global Opportunities:

Global Experience: With over 300 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad (<https://goglobal.asu.edu/>) is possible for all ASU students wishing to gain a global perspective and knowledge in preparation for a future-focused career. Students earn ASU credit for completed courses, while staying on track for graduation, and may apply financial aid and scholarships toward program costs.

**Career Opportunities:** Graduates of the digital culture program have a wide array of career opportunities in new media involving the fields of:

- communications (CISCO, Google, Facebook)
- computing (Apple, Microsoft)
- gaming and entertainment (Industrial Light and Magic, Electronic Arts, Pixar)
- media arts (engineering multimedia shows, video and sound production)



The digital culture curriculum also prepares students for roles in the development of modern media systems that address complex sociotechnical problems, such as:

- diagnostic, monitoring and assistive cyber-physical tools and systems that can be used by health care providers
- new systems for collaborative, participatory content creation and sharing
- social networking and reflection tools for promoting sustainability
- systems for interactive, adaptive learning and computational assessment in educational organizations

Graduates who are interested in continuing their higher education are well prepared to apply for admission to the top interdisciplinary new media programs in the nation, including the graduate programs through the School of Arts, Media and Engineering at ASU.

Digital culture alumni have received job opportunities in:

- 3D modeling and fabrication
- audio and video
- engineering
- graphic design
- illustration
- iOS development
- journalism
- programming
- software engineering
- special effects
- visual media

**Contact Information:**

Design and the Arts, Herberger Institute for  
Arts, Media and Engineering Sch T  
<https://artsmediaengineering.asu.edu/degree-programs/digital-culture>  
STAUF-B 217  
digitalculture@asu.edu  
480-965-9438

## Environmental Design, BS (HIEDSBS)

**Campus:** Tempe, ASU at Los Angeles

**Program Description:** The BS program in environmental design at The Design School has an integrated curriculum designed to create a deep awareness and knowledge of issues that influence the design of built environments.

The program of study emphasizes general knowledge and design research as well as offering focus areas. Focus areas include innovation, technology and design strategies; and sustainability in environmental design. The curriculum provides special understanding of theories, technologies, social issues and management aspects related to the student's chosen focus area.

This program provides a broad base of skills and knowledge drawing from natural science, social science, arts and engineering and integrated into environmental design.

Los Angeles location

In Los Angeles, this program is not currently eligible for federal financial aid. Students seeking federal financial aid assistance or veterans interested in using GI Bill® benefits should consider the program on the ASU Tempe campus.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available at the official U.S. government website at <https://www.benefits.va.gov/gibill/> (<https://www.benefits.va.gov/gibill/>).

The Los Angeles location is not available for international students seeking an F-1 or J-1 visa. Visa-eligible students should consider the program on the ASU Tempe campus.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their

academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

#### **Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

Creative Enterprise and Cultural Leadership, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

#### **Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=HIEDSBS~null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Global Opportunities:**

Global Experience: Students can complement their ASU coursework with study abroad programs. Programs that focus on topics such as sustainability, design and ecotourism increase a student's multicultural engagement and expose them to the design of built environments in other parts of the world. More information on available programs can be found on the Global Education Office website (<https://goglobal.asu.edu/>).

**Career Opportunities:** Graduates of this program may take on roles in offices, businesses, public institutions and industries that require an awareness of issues that affect environmental design. Additionally, graduates may choose to apply to graduate programs in related disciplines to pursue professional or other graduate degrees.

#### **Contact Information:**

Design and the Arts, Herberger Institute for

The Design School

<https://design.asu.edu>

CDS 101

[herbergeradvising@asu.edu](mailto:herbergeradvising@asu.edu)

480-965-4495

## **Fashion, BA (HIFSHBA)**

**Campus:** Downtown Phoenix, ASU at Los Angeles

**Program Description:** The BA in fashion at ASU is a transdisciplinary program that provides students with a foundation that enables them to work across many segments in the fashion industry.

The fashion program combines history, business practices and hands-on studio experience to prepare students for a variety of roles in this global industry. Gaining a proficiency in illustration skills and fluency with materials, traditional techniques and digital technologies, students are prepared for interdisciplinary collaborations through coursework across marketing and merchandising, wearable technology, sustainability, management and leadership, international experience, and fashion and culture. In the capstone experience, students develop a substantial project within an area of focus. Opportunities for internships and study abroad further advance students' professional goals.

Through the leadership of well-known industry professionals, students with this bachelor's degree in fashion are connected globally to leaders in the industry.

#### Los Angeles location

In Los Angeles, this program is not currently eligible for federal financial aid. Students seeking federal financial aid assistance or veterans interested in using GI Bill® benefits should consider the program on the ASU Downtown Phoenix campus.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available at the official U.S. government website at <https://www.benefits.va.gov/gibill/> (<https://www.benefits.va.gov/gibill/>).

The Los Angeles location is not available for international students seeking an F-1 or J-1 visa. Visa-eligible students should consider the program on the ASU Downtown Phoenix campus.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics or any math course that meets the MA designation

**Program Math Intensity:** General

#### Concurrent Program Options:

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

#### Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=HIFSHBA~null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### Program Learning Outcomes:

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Learn design and commercial production techniques.
- Demonstrate ability to successfully utilize industry-based information.
- Produce projects relevant to fashion industry practices.

#### Global Opportunities:

Global Experience: Fashion varies from country to country, city to city and culture to culture. Studying abroad (<https://goglobal.asu.edu>) exposes students to unique cultural environments and allows students to expand their fashion knowledge in diverse settings. Students are challenged to adapt and persevere under unfamiliar social and cultural circumstances, which allows them to grow and prosper in their professional and personal lives. Students have the opportunity to enhance their resume and portfolio with a global perspective gained by studying abroad.

The Herberger Institute for Design and the Arts recommends these programs (<https://goglobal.asu.edu/students/major/herberger/fashion>) for students majoring in fashion.

**Career Opportunities:** Graduates are prepared to enter the fashion industry in any of a number of roles. Some examples are:

- curator
- fabric designer
- fashion business analyst
- fashion designer
- marketing researcher
- merchandise display and window designer
- supply chain manager
- textile and apparel production manager

**Contact Information:**

Design and the Arts, Herberger Institute for  
 School of Art  
<https://art.asu.edu/>  
 ART 102  
[herbergeradvising@asu.edu](mailto:herbergeradvising@asu.edu)  
 480-965-8521

## Film (Film and Media Production), BA (FAFLMBA)

**Campus:** Tempe

ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options, such as the BFA in Film and Media Production.

**Program Description:** Students pursuing the BA in film with a concentration in film and media production develop a comprehensive and practical knowledge of digital media production, an awareness of the impact of media and entertainment on audiences and culture, and an understanding of the role of the artist in society.

Students in this program have access to digital cameras, lighting and sound equipment, post-production software and facilities, and other resources --- including talented and dedicated peer and faculty colleagues who will give them multiple opportunities to produce projects of exceptional quality.

Students choose one of three upper-division tracks of study: directing; producing and screenwriting; or media technology, including cinematography, post-production and sound. Each course of study is supported by the degree-wide emphasis on ethical filmmaking practices, innovative creative expression, and preparation for a career as an industry professional.

The program is offered by The Sidney Poitier New American Film School.

**Additional Program Fee:** N

**Second Language Requirement:** N

**First Required Math Course:** Any math course that meets the MA designation.

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

Creative Enterprise and Cultural Leadership, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: All film students are admitted to ASU into the Bachelor of Arts in film, filmmaking practices concentration. Students who wish to pursue the highly selective, studio-based Bachelor of Arts in film with a concentration in film and media production must complete the 15

hour film core and successfully pass an interview and review of their creative work to enter the concentration. This interview and creative work review generally takes place in the third or fourth term at ASU.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FAFLMBA~null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Global Opportunities:**

**Global Experience:** Study abroad provides students a once-in-a-lifetime opportunity to explore the globe while developing unique skills that can make them stand out in the competitive field of film and media. Students can observe international media culture firsthand. Global Education programs (<https://goglobal.asu.edu/>) provide an opportunity for students to explore their creative side with an intercultural lens. Not only do the programs encourage students to build communication skills, they challenge them, as artists, to think differently. Besides acquiring intercultural, communication and leadership skills, students have the chance to learn languages and expand their international network.

With more than 300 options available, Global Education programs give students a breadth of knowledge in arts and culture uniquely different from their own. Whether in a foreign country, in the U.S. or online, students are challenged to adapt and persevere and to look inside themselves in a way they haven't done before, growing their self-confidence along the way.

**Career Opportunities:** Graduates possess the knowledge and experience they need to enter the media and entertainment field in careers as:

- cinematographers and camera operators
- directors for motion pictures, television and documentaries
- editors and post-production specialists
- producers and production executives
- screenwriters for motion pictures and television
- videographers and digital media content creators

The bachelor's degree program is an excellent broad-based foundation for work in the profession, and it prepares students for further training at graduate schools or conservatories.

#### **Contact Information:**

Design and the Arts, Herberger Institute for  
The Sidney Poitier New American Film School  
<https://film.asu.edu/>  
GHALL 232  
filmadmissions@asu.edu  
480-727-7132

## **Film (Filmmaking Practices), BA (FAFPRBA)**

**Campus:** Tempe, ASU at Los Angeles

**Program Description:** Students who pursue the BA in film with a concentration in filmmaking practices learn foundational production skills; entertainment and media ethics; feature, short and episodic screenwriting; and general film and media industry history and practices.

Course offerings focus on key professional skills such as screenwriting for feature films, television and new media, and producing practices, including on-set production and production management; business and legal matters; professional and technical writing; and production for feature films, television and internet content.

Production experience is regularly available through lower-division courses that provide creative coursework options, the upper-division course FMP 300, and credited opportunities to work on projects produced by students and faculty at The Sidney Poitier New American Film School. All students complete a year-long senior project, initiated and developed by the students and supported through dedicated faculty mentorship. There is also a unique Semester in L.A. program available to sophomores, juniors, and seniors, as well as industry intensives and internship opportunities.

Los Angeles location

The Los Angeles location for the BA in film with a concentration in filmmaking practices is accepting transfer students with an associate degree in film or media production from Arizona and California community colleges.

In Los Angeles, this program is not currently eligible for federal financial aid. Students seeking federal financial aid assistance or veterans interested in using GI Bill® benefits should consider the program on the ASU Tempe campus.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available at the official U.S. government website at <https://www.benefits.va.gov/gibill/> (<https://www.benefits.va.gov/gibill/>).

The Los Angeles location is not available for international students seeking an F-1 or J-1 visa. Visa-eligible students should consider the program on the ASU Tempe campus.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics Any math course that meets the MA designation.

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Creative Enterprise and Cultural Leadership, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Transfer Admission Requirements: The Los Angeles location for the BA in film with a concentration in filmmaking practices accepts transfer students with an associate degree in film or media production from California community colleges, beginning fall 2022.

**Change of Major Requirements:** An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FAFPRBA-null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Apply technical, creative, and project management skills when undertaking the collaborative process of filmmaking.
- Produce a comprehensive, coherent literature review by synthesizing relevant professional and scholarly literature regarding the artistic value and cultural impact of film, television, and digital media making.
- Generate a media-based project following all of the stages required for successful completion.

**Global Opportunities:**

Global Experience: Study abroad provides students a once in a lifetime opportunity to explore the globe while developing unique skills that can help them stand out in the competitive field of film.

With more than 300 Global Education programs (<https://goglobal.asu.edu>) available, students have an opportunity to explore their creative side with an intercultural lens and acquire a breadth of knowledge in arts and culture uniquely different from their own. Not only do the programs encourage students to build communication skills, they challenge them, as an artist, to think differently. Besides acquiring intercultural, communication and leadership skills, students have the chance to learn languages and expand their international network.

Whether in a foreign country, in the U.S., or online, Global Education programs challenge students to adapt and persevere and provide them with a chance to look inside themselves in a way they haven't done before, growing their self-confidence along the way.

**Career Opportunities:** The filmmaking practices concentration provides pre-professional students with the knowledge and experience that prepare them for entry-level positions in media and entertainment production; producing; public relations, marketing and management; and advanced graduate-level education.

Screenwriting allows students to develop a diverse and unique writing portfolio and an understanding of the creative and professional skills required to establish and maintain a successful career as a writer.

**Contact Information:**

Design and the Arts, Herberger Institute for  
The Sidney Poitier New American Film School  
<https://film.asu.edu/>  
GHALL 232  
[filmadmissions@asu.edu](mailto:filmadmissions@asu.edu)  
480-727-7132

## Film and Media Production, BFA (HIFMPBFA)

**Campus:** Tempe

**Program Description:** The BFA in film and media production provides creative experiences and preprofessional training to students with a focus on ethical practices, cutting-edge technical skills and interdisciplinary collaboration. Students are equipped to master digital technologies and create stories that reflect their unique vision and voice.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student must have an overall GPA of 2.50 in order to transfer into this program.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=HIFMPBFA~null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Present a digital portfolio that represents and reflects the student's unique creative voice, advanced technical skills, successful production experience, and professional vision.
- Apply technical, creative, and project management skills when undertaking the collaborative process of filmmaking.
- Demonstrate understanding of cultural institutions through a synthesis of research, critical thinking, and communication skills from multiple disciplines, drawn from American cultural institutions and storytelling traditions, as applied to the making, viewing, and study of film/media

**Global Opportunities:**

Global Experience: With over 300 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad (<https://goglobal.asu.edu/>) is possible for all ASU students who wish to acquire a global perspective and knowledge in preparation for a future-focused career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs.

**Career Opportunities:** Graduates are prepared for success in the growing media industry; to pursue a graduate degree; and to pioneer new careers that will require advanced media production skills, a professional work ethic, and a strong creative voice.

Graduates who earn this degree are prepared to pursue a wide array of skilled professional careers, including:

- animation and visual effects artist
- film, television, documentary and new media director
- film and media teacher
- media editor
- producer
- production, studio or network executive
- professional videographer
- public relations specialist for arts and entertainment
- sound designer
- sound recording engineer
- talent manager

**Contact Information:**

Design and the Arts, Herberger Institute for  
 The Sidney Poitier New American Film School  
<https://film.asu.edu>  
 GHALL 232  
[filmadmissions@asu.edu](mailto:filmadmissions@asu.edu)  
 480-727-7132

**Graphic Design, BSD (ARGRABSD)**

**Campus:** Tempe, Online

**Program Description:** The graphic design program in The Design School is committed to excellence in traditional and contemporary graphic design education, professionalism, research and service for the community at large. Faculty, alumni, students and visiting designers and educators constantly reinforce the link between society and nature and vigorously advocate quality in developing communication strategies.

The BSD curriculum acknowledges the need for creative environments that address ecological concerns and encourages students to develop sustainable, transdisciplinary work sensitive to cultural aesthetic. Students develop a strong foundation of design principles through lower-division studio and lecture courses, using this to build an overall understanding of how design can shape perception and meaning using visual media. Upper-division studio courses provide opportunities for students to work in collaborative teams addressing professional projects in information design, interaction design, exhibition design, animation, motion graphics, branding, publication design, web design, interface design and the multiple contemporary facets of sensorial design.

Graphic designers are responsible for designing how information is communicated. Forms of communication include print, video, film and electronic (web). Graphic designers are concerned with appearance, choosing the appropriate mechanism for communication, clarity of information and its effectiveness and how communication is transferred and received.

The BSD program in graphic design places an emphasis on strategic communication developed through a design process that includes research, analysis, conceptualization, planning and realization. The process leads to innovative visual communication design solutions for contemporary design problems that are local to global in scope.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** Any math course that meets the MA designation.

**Program Math Intensity:** General



**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/graphic-design-major/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ARGRABSD~null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Study abroad provides graphic design students with a chance to explore their creative side through an intercultural lens, challenging them to think differently as an artist and to explore different ways of communicating information visually across cultures, and it encourages students to build communication skills.

With more than 300 options available, whether in a foreign country, in the U.S. or online, Global Education programs (<https://goglobal.asu.edu>) give students a breadth of knowledge in arts and culture. Students can gain a global perspective and knowledge while earning ASU credit. Students learn to adapt and persevere, and to look inside themselves in a way they haven't done before, growing their self-confidence along the way.

**Career Opportunities:** Based on a diversified portfolio upon graduation, those who opt for the graphic design profession gain employment in:

- advertising and marketing design
- brand and corporate identity design
- broadcast design (TV graphics)
- interaction and interface design
- museum or exhibition design
- publication design
- visual communication design
- web design

Specific examples of graphic designers' work include:

- annual reports
- books
- environmental graphics
- information design
- motion graphics

- multimedia presentations
- publications
- websites

Graduates also may pursue graduate studies leading to careers in design education and other fields of professional endeavor in design.

**Contact Information:**

Design and the Arts, Herberger Institute for  
The Design School  
<https://design.asu.edu>  
CDS 101  
herbergeradmissions@asu.edu  
480-965-4495

## Industrial Design, BSD (ARINDBSD)

**Campus:** Tempe

**Program Description:** The BSD in industrial design at The Design School prepares students to envision the future by following the process of ideating, iterating, developing, testing and prototyping new products, services and strategies. Students use interdisciplinary learning to turn creative ideas into successful projects for society.

The program's students have a strong commitment to the environment and the human being; they center their approaches on delivering solutions that are beneficial for society, with a strong sense of humanity, empowered by the latest trends and technologies, always looking to get a positive impact on every scale.

The curriculum of lower-division studio and lecture courses helps students develop a strong foundation of design skills. Upper-division studio courses allow students to collaborate and address design challenges, professional projects and case scenarios. To balance the classroom theory and to add periods of practical, hands-on experience before graduation, industrial design students also follow an internship program.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 170 - Precalculus

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

- Global Management (Creative Industries and Design Thinking), MGM
- Global Management (Data Science), MGM
- Global Management (Digital Audience Strategy), MGM
- Global Management (Global Affairs), MGM
- Global Management (Global Business), MGM
- Global Management (Global Development and Innovation), MGM
- Global Management (Global Digital Transformation), MGM
- Global Management (Global Entrepreneurship), MGM
- Global Management (Global Health Care Delivery), MGM
- Global Management (Global Legal Studies), MGM
- Global Management (Integrated Health Care), MGM
- Global Management (Nonprofit Leadership and Management), MGM
- Global Management (Public Administration), MGM
- Global Management (Public Policy), MGM
- Global Management (Sustainability Solutions), MGM
- Global Management (Sustainable Tourism), MGM
- Global Management, MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ARINDBSD-null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Through study abroad programs (<https://goglobal.asu.edu/>), industrial design students learn flexible ways of thinking that contribute to their ability to meet the program goal of creating products and service systems that benefit society. They gain a global perspective and knowledge in preparation for a future-focused career, all while in an international setting. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs.

**Career Opportunities:** After completing the program successfully, graduates can work as designers in several capacities or develop startup ventures.

Some career examples include:

- accessory designer
- automotive designer
- consumer goods designer
- design strategist
- furniture and homeware designer
- industrial or product designer
- toy designer
- trade show exhibit designer
- user experience designer
- user interface designer

Graduates obtain employment with consulting firms that design products, services and experiences for various clients, such as corporate industries, nonprofit institutions and nongovernmental organizations. They keep an entrepreneurial conscience, addressing specific social or environmental problems and providing successful market innovations.

Some pursue teaching courses in art and design schools, colleges or universities. Others have also established successful design and manufacturing ventures or led product development teams and innovations at renowned organizations.

**Contact Information:**

Design and the Arts, Herberger Institute for

The Design School

<https://design.asu.edu/>

CDS 101

[herbergeradmissions@asu.edu](mailto:herbergeradmissions@asu.edu)

480-965-4495

## Interior Design, BSD (ARINTBSD)

**Campus:** Tempe

**Program Description:** The BSD program in interior design at The Design School explores how people inhabit, interact with, and transform interior

environments. Interior designers create environments within buildings that meet the physical and psychological needs of individuals and institutions, providing a useful, rich and rewarding environment for users. Interior design involves the design of space, equipment and furniture. It requires substantial technical and organizational understanding; sensibility to form, lighting, color and texture; and an awareness of design history and theory.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 170 - Precalculus

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ARINTBSD-null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Interior design students have the chance to see many different design styles across cultures when studying abroad. With over 300 programs in more than 65 countries (programs vary in length, from one week to one year), international experiences are possible for all ASU students who wish to acquire a global perspective and knowledge in preparation for a future-focused career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. Students can find more information on available programs on the Global Education website (<https://goglobal.asu.edu/>).

**Career Opportunities:** Graduates find employment opportunities with interior design firms, architecture firms or corporations and governmental entities of any size. Firms may specialize in interior design for residential, commercial, retail, hospitality, institutional and health care spaces. Career specialties include historic restoration, branding, sustainability, new product innovation and incorporation of new technology.

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

**Contact Information:**

Design and the Arts, Herberger Institute for

The Design School

<https://design.asu.edu>

CDS 101

[herbergeradmissions@asu.edu](mailto:herbergeradmissions@asu.edu)

480-965-4495

## Landscape Architecture, BSLA (ARPLABSLA)

**Campus:** Tempe

**Program Description:** The BSLA program at The Design School is an accredited undergraduate professional degree  
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(<https://design.asu.edu/about/accreditation>) that provides the knowledge and skills necessary to become a professional landscape architect. The program leverages the Phoenix metro area as a learning laboratory and offers students the opportunity to engage with the community in applied projects that focus on designing socially and environmentally sustainable outdoor environments to improve the ecological and social health of the urban environment.

Undergraduate landscape architecture projects can range from large-scale work encompassing urban design, landscape restoration, open space preservation planning, community planning and landscape ecological design to projects at the more intimate scale of a neighborhood park or residential backyard. Emerging areas of focus include creative placemaking; environmental equity, green roofs and living walls; restorative environments; sustainable design; and urban climate design.

Graduates have the qualifications to sit for the Landscape Architect in Training examination leading to registration as a professional landscape architect.

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 170 - Precalculus

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ARPLABSLA~null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Study abroad provides the opportunity to view marvels of landscape architecture up close and in person. With more than 300 options available, Global Education programs (<https://goglobal.asu.edu/>) allow students to tailor their experience to their unique interests and skill sets. Whether it's in a foreign country, in the U.S. or online, students in landscape architecture are exposed to unique and diverse cultural environments and expand their knowledge and skills in design and related disciplines. Students gain a global perspective and knowledge in preparation for a future-focused career while earning ASU credit for completed courses and staying on track for graduation.

The Herberger Institute for Design and the Arts recommends these programs (<https://goglobal.asu.edu/students/major/herberger/landscape-architecture>) for students majoring in landscape architecture.

**Career Opportunities:** The bachelor's degree program is designed to prepare students for landscape architecture professional practice and advanced study at the graduate level. Graduates have found employment in nationally recognized firms working with notable landscape architects in large multinational firms or in public agencies. Alumni have also gone on to pursue advanced study at universities with distinguished graduate programs in landscape architecture and allied design fields.

The U.S. Bureau of Labor Statistics projects employment for landscape architects to grow 4% between 2018 and 2028, about as fast as the average for all occupations. The bureau also notes employers prefer hiring entry-level landscape architects with internship experience to significantly reduce the amount of on-the-job training. The bachelor's degree program has an internship requirement meant to address this preference and better prepare graduates for employment.

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

The Bachelor of Science in Landscape Architecture is accredited by the Landscape Architectural Accreditation Board. Graduates have the qualifications to sit for the Landscape Architect in Training examination leading to registration as a professional landscape architect. For detailed information on licensure requirements, students should contact the Council of Landscape Architectural Registration Boards at <https://www.clarb.org/> (<https://www.clarb.org/>).

**Contact Information:**

Design and the Arts, Herberger Institute for  
The Design School  
<https://design.asu.edu>  
CDS 101  
[herbergeradvising@asu.edu](mailto:herbergeradvising@asu.edu)  
480-965-4495

## Media Arts and Sciences, BA (HIDGCBA)

**Campus:** Tempe, Online

This program's name has changed effective Fall 2023. The previous name was Digital Culture.

**Program Description:** The BA program in media arts and sciences equips students with the technical skills to create computational media and the cultural skills to know when or why to apply them.

Students learn to create computational media, which is computation combined with objects, sound, video, time, space, culture and bodies; breathe behavior into media, objects or systems by programming; and think critically about how computation impacts lives and how culture makes a difference in how people experience computational media, a critical skill in this dynamic age.

This program is also offered as an accelerated degree with the MA in creative enterprise and cultural leadership. More information can be found on the Creative Enterprise and Cultural Leadership website (<https://herbergerinstitute.asu.edu/degree-programs/creative-enterprise-and-cultural-leadership/about?dept=1400&id=1>).

The School of Arts, Media and Engineering educates the next generation of learners and empowers them with technofluency --- its development, application, and implications. The School of Arts, Media and Engineering prepares students to be socially aware, critically thinking global citizens who strive to bring about positive change in a society that will be increasingly shaped by new technologies.

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 117 - College Algebra

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Creative Enterprise and Cultural Leadership, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply

(<https://acceleratedmasters.asu.edu/how-apply>).

### **Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

### **Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/media-arts-sciences/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=HIDGCBA-null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

### **Global Opportunities:**

Global Experience: Exploring programs around the globe furthers students' ability to apply their studies to a global spectrum. With over 300 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad (<https://goglobal.asu.edu/>) is possible for all ASU students wishing to gain a global perspective and knowledge in preparation for a future-focused career. Students earn ASU credit for completed courses, while staying on track for graduation, and may apply financial aid and scholarships toward program costs.

The Herberger Institute for Design and the Arts recommends these programs (<https://goglobal.asu.edu/students/major/herberger/digital-culture>) for students majoring in media arts and sciences.

**Career Opportunities:** Armed with skills and sound judgment, graduates work in cultural communication, marketing, design, social media, health, education, entertainment and creative arts, and all areas in which culture is shaped by technology and computational media. All know techniques to change the world through communication using contemporary computational media, a vital power in the today's world. Some graduates go on to invent fresh techniques.

Career opportunities include the following fields:

- audio
- comparative literature
- computing
- creative writing
- technical writing
- technology
- visual media

Digital culture alumni have obtained careers as:

- designers
- engineers
- graphic designers
- programmers
- software specialists

- special effects artists
- 3D modelers
- visual media artists

**Contact Information:**

Design and the Arts, Herberger Institute for  
Arts, Media and Engineering Sch T  
<https://artsmediaengineering.asu.edu/>  
STAUF-B 217  
digitalculture@asu.edu  
480-965-9438

## Media Arts and Sciences (Art), BA (HIDGCABA)

**Campus:** Tempe

This program's name has changed effective Fall 2023. The previous name was Digital Culture (Art).

**Program Description:** The School of Arts, Media and Engineering educates the next generation of learners and empowers them with technofluency --- its development, application and implications. The School of Arts, Media and Engineering prepares students to be socially aware, critically thinking global citizens who strive to bring about positive change in a society that will be increasingly shaped by new technologies.

The BA program in media arts and sciences equips students with the knowledge, abilities and technical skills they need for creating computational media. Students learn to create computational media, which is computation combined with objects, sound, video, time, space, culture and bodies; breathe behavior into media, objects or systems by programming; and think critically about how computation impacts lives and how culture makes a difference in how people experience computational media, a critical skill in this dynamic age.

The program is for students wishing to specialize in visual composition aspects of new media. Students complement their knowledge of media arts and sciences with discipline-specific courses in the School of Art focused on the historical and theoretical aspects of visual arts, foundational visual arts skills, and hands-on knowledge of visual composition through digital means.

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 117 - College Algebra

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=HIDGCABA-null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.



**Global Opportunities:**

Global Experience: Exploring programs around the globe furthers students' ability to apply their studies to a global spectrum. With over 300 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad (<https://goglobal.asu.edu/>) is possible for all ASU students wishing to gain a global perspective and knowledge in preparation for a future-focused career. Students earn ASU credit for completed courses, while staying on track for graduation, and may apply financial aid and scholarships toward program costs.

The Herberger Institute for Design and the Arts recommends these programs (<https://goglobal.asu.edu/students/major/herberger/digital-culture>) for students majoring in media arts and sciences.

**Career Opportunities:** Armed with skills and sound judgment, graduates work in cultural communication, marketing, design, social media, health, education, entertainment and creative arts, and all areas in which culture is shaped by technology and computational media. All graduates know techniques to change the world and communicate using contemporary computational media, a vital power in the today's world. Some go on to invent fresh techniques.

Graduates of the media arts and sciences program have a wide array of career opportunities in new media involving the fields of:

- communications (CISCO, Google, Facebook)
- computing (Apple, Microsoft)
- gaming and entertainment (Industrial Light and Magic, Electronic Arts, Pixar)
- media arts (engineering multimedia shows, video and sound production)

The media arts and sciences curriculum also prepares students for roles in the development of modern media systems that address complex socio-technical problems, such as:

- diagnostic, monitoring and assistive cyber-physical tools and systems that can be used by health care providers
- new systems for collaborative, participatory content creation and sharing
- social networking and reflection tools for promoting sustainability
- systems for interactive, adaptive learning and computational assessment in educational organizations

Graduates of the media arts and sciences program who are interested in continuing their higher education are well prepared to apply for admission to the graduate programs through the School of Arts, Media and Engineering at ASU and other top interdisciplinary new media programs in the nation.

Media arts and sciences alumni have received job opportunities in:

- 3D modeling and fabrication
- audio and video
- engineering
- graphic design
- illustration
- iOS development
- journalism
- programming
- software engineering
- special effects
- visual media

**Contact Information:**

Design and the Arts, Herberger Institute for  
Arts, Media and Engineering Sch T  
<https://artsmediaengineering.asu.edu>  
STAUF-B 217  
digitalculture@asu.edu  
480-965-9438

## Media Arts and Sciences (Design), BA (HIDGCDBA)

**Campus:** Tempe

This program's name has changed effective Fall 2023. The previous name was Digital Culture (Design).

**Program Description:** The School of Arts, Media and Engineering educates the next generation of learners and empowers them with technofluency --- its development, application and implications. The School of Arts, Media and Engineering prepares students to be socially aware, critically thinking global citizens who strive to bring about positive change in a society that will be increasingly shaped by new technologies.

The BA program in media arts and sciences equips students with the knowledge, abilities and technical skills they need for creating computational

media.

Students learn to create computational media, which is computation combined with objects, sound, video, time, space, culture and bodies; breathe behavior into media, objects or systems by programming; and think critically about how computation impacts lives and how culture makes a difference in how people experience computational media, a critical skill in this dynamic age.

#### Media Arts and Sciences -- Design concentration

The media arts and sciences program with a concentration in design allows students to specialize in hybrid (physical and digital) product and space design. Students complement their knowledge with an understanding of the principles of space and product design as well as the historical and theoretical aspects of design, and they develop integrative design approaches to the digital and physical elements of hybrid products and spaces.

#### **STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 117 - College Algebra

**Program Math Intensity:** Moderate

#### **Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

#### **Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

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#### **Global Opportunities:**

Global Experience: Exploring programs around the globe furthers students' ability to apply their studies to a global spectrum. With over 300 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad (<https://goglobal.asu.edu/>) is possible for all ASU students wishing to gain a global perspective and knowledge in preparation for their career. Students earn ASU credit for completed courses, while staying on track for graduation, and may apply financial aid and scholarships toward program costs.

The Herberger Institute for Design and the Arts recommends these programs (<https://goglobal.asu.edu/students/major/herberger/digital-culture>) for students majoring in media arts and sciences.

**Career Opportunities:** Armed with skills and sound judgment, graduates work in cultural communication, marketing, design, social media, health, education, entertainment and creative arts, and all areas in which culture is shaped by technology and computational media. All students gain techniques to change the world and communicate using contemporary computational media, a vital power in the today's world. Some go on to invent fresh techniques.

Graduates of the media arts and sciences program have a wide array of career opportunities in new media involving the fields of:

- communications (CISCO, Google, Facebook)
- computing (Apple, Microsoft)
- gaming and entertainment (Industrial Light and Magic, Electronic Arts, Pixar)
- media arts (engineering multimedia shows, video and sound production)

The media arts and sciences curriculum also prepares students for roles in the development of modern media systems that address complex socio-technical problems, such as:

- diagnostic, monitoring and assistive cyber-physical tools and systems that can be used by health care providers
- new systems for collaborative, participatory content creation and sharing
- social networking and reflection tools for promoting sustainability
- systems for interactive, adaptive learning and computational assessment in educational organizations

Graduates of the program who are interested in continuing their higher education are well prepared to apply for admission to the graduate programs through the School of Arts, Media and Engineering at ASU and to other top interdisciplinary new media programs in the nation.

Media arts and sciences alumni have received job opportunities in the following fields:

- 3D modeling and fabrication
- audio and video
- engineering
- graphic design
- illustration
- iOS development
- journalism
- programming
- software engineering
- special effects
- visual media

**Contact Information:**

Design and the Arts, Herberger Institute for  
Arts, Media and Engineering Sch T  
<https://artsmediaengineering.asu.edu/>  
STAUF B217  
digitalculture@asu.edu  
480-965-9438

## Media Arts and Sciences (English), BA (HIDGCENBA)

**Campus:** Tempe

This program's name has changed effective Fall 2023. The previous name was Digital Culture (English).

**Program Description:** The School of Arts, Media and Engineering educates the next generation of learners and empowers them with technofluency --- its development, application and implications. The School of Arts, Media and Engineering prepares students to be socially aware, critically thinking global citizens who strive to bring about positive change in a society that will be increasingly shaped by new technologies.

The BA program in media arts and sciences equips students with the knowledge, abilities and technical skills they need for creating computational media.

Students learn to create computational media, which is computation combined with objects, sound, video, time, space, culture and bodies; breathe behavior into media, objects or systems by programming; and think critically about how computation impacts lives and how culture makes a difference in how people experience computational media, a critical skill in this dynamic age.

The media arts and sciences program with a concentration in English is designed for students who wish to explore the historical, scientific and theoretical intersections of art, media and technology. Sharing of stories and media through electronic communities, participatory art-making and creativity forums on the web, gaming, digital movies and effects, mediated public spaces and electronic design are only a few of the new activities that are defining and evolving culture. Students in the concentration assist in the establishment, evolution and proliferation of such culture at the state, national and international level. Students use tools of inquiry to examine, analyze and create works of art through a hands-on approach to communication, writing, rhetoric and literacies in collaboration with the English department.

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y  
**Second Language Requirement:** N  
**First Required Math Course:** MAT 117 - College Algebra  
**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:  
All students are required to meet general university admission requirements.  
Freshman (<https://admission.asu.edu/freshman/apply>)  
Transfer (<https://admission.asu.edu/transfer/apply>)  
International (<https://admission.asu.edu/international/undergrad-apply>)  
Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=HIDGCENBA~null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Exploring programs around the globe furthers students' ability to apply their studies to a global spectrum. With over 300 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad (<https://goglobal.asu.edu/>) is possible for all ASU students who wish to acquire a global perspective and knowledge in preparation for a future-focused career. Students earn ASU credit for completed courses, while staying on track for graduation, and may apply financial aid and scholarships toward program costs.

The Herberger Institute for Design and the Arts recommends these programs (<https://goglobal.asu.edu/students/major/herberger/digital-culture>) for students majoring in media arts and sciences.

**Career Opportunities:** Armed with skills and sound judgment, graduates work in cultural communication, marketing, design, social media, health, education, entertainment and creative arts, and all areas in which culture is shaped by technology and computational media. All know techniques to change the world through communication using contemporary computational media, a vital power in today's world. Some graduates go on to invent fresh techniques.

Career opportunities include fields in which the following are sought: technology commentary, future studies, design fiction, technical writing, creative writing, comparative literature and fields in which collaboration is needed.

**Contact Information:**

Design and the Arts, Herberger Institute for  
Arts, Media and Engineering Sch T  
<https://artsmediaengineering.asu.edu/degree-programs/digital-culture>  
STAUF-B 217  
[digitalculture@asu.edu](mailto:digitalculture@asu.edu)  
480-965-9438

## Media Arts and Sciences (Film), BA (HIDGCFBA)

**Campus:** Tempe

This program's name has changed effective Fall 2023. The previous name was Digital Culture (Film).

**Program Description:** The School of Arts, Media and Engineering educates the next generation of learners and empowers them with technofluency --- its development, application and implications. The school prepares students to be socially aware, critically thinking global citizens who strive to bring about positive change in a society that will be increasingly shaped by new technologies.

The BA program in media arts and sciences equips students with the knowledge, abilities and technical skills they need for creating computational media.

Students learn to create computational media, which is computation combined with objects, sound, video, time, space, culture and bodies; breathe behavior into media, objects or systems by programming, and they learn to think critically about how computation impacts lives and how culture makes a difference in how people experience computational media, a critical skill in this dynamic age.

Armed with skills and reasoned judgment, graduates work in cultural communication, marketing, design, social media, health, education, entertainment and creative arts, and all areas in which culture is shaped by technology and computational media. All students gain techniques to change the world and communicate using contemporary computational media, a vital power in today's world. Some go on to invent fresh techniques.

#### Media Arts and Sciences -- Film concentration

The media arts and sciences program with a concentration in film is for students wishing to integrate digital aspects of film into new media. Students complement their knowledge of media arts and sciences with discipline-specific courses in the Sidney Poitier New American Film School that focus on the foundations of filmmaking practices, historical and theoretical aspects of film, knowledge of the film industry and hands-on knowledge of digital processes in filmmaking.

#### **STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 117 - College Algebra

**Program Math Intensity:** Moderate

#### **Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

#### **Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=HIDGCFBA~null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Global Opportunities:**

Global Experience: Exploring programs around the globe furthers students' ability to apply their studies to a global spectrum. With over 300 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad (<https://goglobal.asu.edu/>) is possible for all ASU students wishing to gain a global perspective and knowledge in preparation for a future-focused career. Students earn ASU credit for completed courses, while staying on track for graduation, and may apply financial aid and scholarships toward program costs.

The Herberger Institute for Design and the Arts recommends these programs (<https://goglobal.asu.edu/students/major/herberger/digital-culture>) for students majoring in media arts and sciences.

**Career Opportunities:** Graduates of the media arts and sciences program have a wide array of career opportunities in new media, involving the fields of:

- communications (CISCO, Google, Facebook)
- computing (Apple, Microsoft)
- gaming and entertainment (Industrial Light and Magic, Electronic Arts, Pixar)
- media arts (engineering multimedia shows, video and sound production)

The media arts and sciences curriculum also prepares students for roles in the development of modern media systems that address complex sociotechnical problems, such as:

- diagnostic, monitoring and assistive cyber-physical tools and systems that can be used by health care providers
- new systems for collaborative, participatory content creation and sharing
- social networking and reflection tools for promoting sustainability
- systems for interactive, adaptive learning and computational assessment in educational organizations

Graduates of the program who are interested in continuing their higher education are well prepared to apply for admission to the top interdisciplinary new media programs in the nation, including the graduate programs through the ASU School of Arts, Media and Engineering.

Media arts and sciences alumni have received job opportunities in:

- audio and video
- engineering
- graphic design
- illustration
- iOS development
- journalism
- programming
- software engineering
- special effects
- 3D modeling and fabrication
- visual media

**Contact Information:**

Design and the Arts, Herberger Institute for  
Arts, Media and Engineering Sch T  
<https://artsmediaengineering.asu.edu/degree-programs/digital-culture>  
STAUF-B 217  
digitalculture@asu.edu  
480-965-9438

## Media Arts and Sciences (Graphic Information Technology), BA (HIDGCTEBA)

**Campus:** Tempe

This program's name has changed effective Fall 2023. The previous name was Digital Culture (Graphic Information Technology).

**Program Description:** The School of Arts, Media and Engineering educates the next generation of learners and empowers them with technofluency --- its development, application and implications. The school prepares students to be socially aware, critically thinking global citizens who strive to bring about positive change in a society that will be increasingly shaped by new technologies.

The BA program in media arts and sciences equips students with the knowledge, abilities and technical skills they need for creating computational media.

Students learn to create computational media, computation combined with objects, sound, video, time, space, culture and bodies; to breathe behavior into media, objects or systems by programming; and to think critically about how computation impacts lives and how culture makes a difference in how people experience computational media, a critical skill in this dynamic age.

Media Arts and Sciences -- Graphic Information Technology concentration

This concentration program is offered in partnership with the Ira A. Fulton Schools of Engineering. Students complement their knowledge of new media with technology and new media entrepreneurship skills, knowledge of legal and ethical issues for technology, and additional skills in graphic communication, digital illustration and design methodology.

Students should be advised that while most requirements can be completed at the Tempe campus, courses specific to this concentration take place on the Polytechnic campus.

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help

international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 117 - College Algebra

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=HIDGCTEBA~null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Exploring programs around the globe furthers students' ability to apply their studies to a global spectrum. With over 300 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad (<https://goglobal.asu.edu/>) is possible for all ASU students who wish to acquire a global perspective and knowledge in preparation for their career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs.

The Herberger Institute for Design and the Arts recommends these programs (<https://goglobal.asu.edu/students/major/herberger/digital-culture>) for students majoring in media arts and sciences.

**Career Opportunities:** Armed with skills and sound judgment, graduates work in cultural communication, marketing, design, social media, health, education, entertainment and creative arts, and all areas in which culture is shaped by technology and computational media. All students gain techniques to change the world and communicate using contemporary computational media, a vital power in today's world. Some go on to invent fresh techniques.

Graduates of the media arts and sciences program have a wide array of career opportunities in new media involving the fields of:

- communications (CISCO, Google, Facebook)
- computing (Apple, Microsoft)
- gaming and entertainment (Industrial Light and Magic, Electronic Arts, Pixar)
- media arts (engineering multimedia shows, video and sound production)

The media arts and sciences curriculum also prepares students for roles in the development of modern media systems that address complex sociotechnical problems, such as:

- diagnostic, monitoring and assistive cyber-physical tools and systems that can be used by health care providers
- new systems for collaborative, participatory content creation and sharing
- social networking and reflection tools for promoting sustainability
- systems for interactive, adaptive learning and computational assessment in educational organizations

Graduates who are interested in continuing their higher education are well prepared to apply for admission to the top transdisciplinary new media programs in the nation, including the graduate programs through the School of Arts, Media and Engineering at ASU.

Media Arts and Sciences alumni have received job opportunities in:

- 3D modeling and fabrication
- audio and video
- engineering
- graphic design
- illustration
- iOS development
- journalism
- programming
- software engineering
- special effects
- visual media

**Contact Information:**

Design and the Arts, Herberger Institute for  
Arts, Media and Engineering Sch T  
<https://artsmediaengineering.asu.edu/degree-programs/digital-culture>  
STAUF-B 217  
herbergeradvising@asu.edu  
480-965-9438

## Media Arts and Sciences (Interdisciplinary Arts and Performance), BA (HIDCIAPBA)

**Campus:** Tempe

This program's name has changed effective Fall 2023. The previous name was Digital Culture (Interdisciplinary Arts and Performance).

**Program Description:** The School of Arts, Media and Engineering educates the next generation of learners and empowers them with technofluency --- its development, application and implications. The School of Arts, Media and Engineering prepares students to be socially aware, critically thinking global citizens who strive to bring about positive change in a society that will be increasingly shaped by new technologies.

The BA program in media arts and sciences equips students with the knowledge, abilities and technical skills they need for creating computational media.

Students learn to create computational media, which is computation combined with objects, sound, video, time, space, culture and bodies; breathe behavior into media, objects or systems by programming; think critically about how computation impacts lives and how culture makes a difference in how people experience computational media, a critical skill in this dynamic era.

Armed with skills and sound judgment, graduates work in cultural communication, marketing, design, social media, health, education, entertainment and creative arts, and all areas in which culture is shaped by technology and computational media. All students gain techniques to change the world and communicate using contemporary computational media, a vital power in the modern world. Some go on to invent fresh techniques.

Media Arts and Sciences -- Interdisciplinary Arts and Performance concentration

This concentration in interdisciplinary arts and performance is offered in partnership with the New College of Interdisciplinary Arts and Sciences. The program focuses on a transdisciplinary and collaborative approach to the arts, technology and performance. It emphasizes the traditions of transdisciplinary, avant-garde and experimental arts and on contemporary art and performance. Courses include digital media arts, music and electronic sound art, performance studies, theatre and performance practice and digital graphics.

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 117 - College Algebra

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap



in curriculum.

### **Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=HIDCIAPBA~null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

### **Global Opportunities:**

Global Experience: Exploring programs around the globe furthers students' ability to apply their studies to a global spectrum. With over 300 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad (<https://goglobal.asu.edu/>) is possible for all ASU students who wish to acquire a global perspective and knowledge in preparation for a future-focused career. Students earn ASU credit for completed courses, while staying on track for graduation, and may apply financial aid and scholarships toward program costs.

The Herberger Institute for Design and the Arts recommends these programs (<https://goglobal.asu.edu/students/major/herberger/digital-culture>) for students major in media arts and sciences.

**Career Opportunities:** Graduates of the media arts and sciences program have a wide array of career opportunities in new media involving the fields of:

- communications (CISCO, Google, Facebook)
- computing (Apple, Microsoft)
- gaming and entertainment (Industrial Light and Magic, Electronic Arts, Pixar)
- media arts (engineering multimedia shows, video and sound production)

The media arts and sciences curriculum also prepares students for roles in the development of modern media systems that address complex sociotechnical problems such as:

- diagnostic, monitoring and assistive cyber-physical tools and systems that can be used by health care providers
- new systems for collaborative, participatory content creation and sharing
- social networking and reflection tools for promoting sustainability
- systems for interactive, adaptive learning and computational assessment in educational organizations

Graduates who are interested in continuing their higher education are well prepared to apply for admission to the top interdisciplinary new media programs in the nation, including the graduate programs through the School of Arts, Media and Engineering at ASU.

Media arts and sciences alumni have received job opportunities in:

- 3D modeling and fabrication
- audio and video
- engineering
- graphic design
- illustration
- iOS development
- journalism
- programming
- software engineering
- special effects

- visual media

**Contact Information:**

Design and the Arts, Herberger Institute for  
Arts, Media and Engineering Sch T  
<https://artsmediaengineering.asu.edu/degree-programs/digital-culture>  
STAUF-B 217  
digitalculture@asu.edu  
480-965-9438

## Media Arts and Sciences (Media Processing), BS (HIDGCMPBS)

**Campus:** Tempe

This program's name has changed effective Fall 2023. The previous name was Digital Culture (Media Processing).

**Program Description:** The School of Arts, Media and Engineering educates the next generation of learners and empowers them with technofluency --- its development, application and implications. The School of Arts, Media and Engineering prepares students to be socially aware, critically thinking global citizens who strive to bring about positive change in a society that will be increasingly shaped by new technologies.

The BS program in media arts and sciences with a concentration in media processing is for students wishing to specialize in media processing aspects of new media.

This program teaches students to understand the transformative role of digital technology in cultural practice, society and day-to-day life, emphasizing the strongest emerging trends in cultural media: systems and processes that integrate digital technology with the everyday physical human experience. Students in the Bachelor of Science program complement the knowledge acquired through media arts and sciences coursework with a more advanced understanding of the programming, data structures, signals processing and system architecture aspects of new media.

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y**Second Language Requirement:** N**First Required Math Course:** MAT 210 - Brief Calculus**Program Math Intensity:** Substantial**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** Students must have a GPA of 3.00 to transfer into the media arts and sciences program.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=HIDGCMPBS~null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Global Education programs (<https://goglobal.asu.edu/>) allow digital culture students to think critically about how computation impacts lives and how culture makes a difference in how people experience computational media, critical skills in this dynamic age. With over 300

options available, Global Education programs allow students to tailor their experience to their unique interests and skill sets. Whether it's in a foreign country, in the U.S. or online, students in media arts and sciences are able to be exposed to diverse cultural environments and differences worldwide and take in the broad uses of technology and its uses on a global scale.

Herberger Institute for Design and the Arts recommends these programs (<https://goglobal.asu.edu/students/major/herberger/digital-culture>) for students majoring in media arts and sciences.

**Career Opportunities:** Career opportunities include positions in the following fields: graphic design, design, audio, visual media, computer science, technology, technical writing, creative writing and comparative literature.

Media arts and sciences alumni have obtained careers as graphic designers, 3D modelers, special effects artists, visual media artists, programmers, engineers and software specialists with Apple, Microsoft, CISCO, Industrial Light and Sound, PIXAR and other techno-centric companies.

**Contact Information:**

Design and the Arts, Herberger Institute for  
Arts, Media and Engineering Sch T  
<https://artsmediaengineering.asu.edu/>  
STAUF-B 217  
digitalculture@asu.edu  
480-965-9438

## Media Arts and Sciences (Music), BA (HIDGCMBA)

**Campus:** Tempe

This program's name has changed effective Fall 2023. the previous name was Digital Culture (Music).

**Program Description:** The School of Arts, Media and Engineering educates the next generation of learners and empowers them with technofluency --- its development, application and implications. The School of Arts, Media and Engineering prepares students to be socially aware, critically thinking global citizens who strive to bring about positive change in a society that will be increasingly shaped by new technologies.

The BA program in media arts and sciences equips students with the knowledge, abilities and technical skills they need for creating computational media.

Students learn to create computational media, which is computation combined with objects, sound, video, time, space, culture and bodies; breathe behavior into media, objects or systems by programming; think critically about how computation impacts lives and how culture makes a difference in how people experience computational media, a critical skill in this dynamic age.

Media Arts and Sciences -- Music concentration

In the concentration in music, students complement their knowledge of media arts and sciences with discipline-specific courses in the School of Music. These courses focus on understanding the foundations and historical and theoretical structures of commercial and popular music and the principles of electronic music composition and digital sound.

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 117 - College Algebra

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A"). Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=HIDGCMBA~null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Exploring programs around the globe furthers students' ability to apply their studies to a global spectrum. With over 300 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad (<https://goglobal.asu.edu/>) is possible for all ASU students wishing to gain a global perspective and knowledge in preparation for their career. Students earn ASU credit for completed courses, while staying on track for graduation, and may apply financial aid and scholarships toward program costs.

The Herberger Institute for Design and the Arts recommends these programs (<https://goglobal.asu.edu/students/major/herberger/digital-culture>) for students majoring in media arts and sciences.

**Career Opportunities:** Armed with skills and reasoned judgment, graduates work in cultural communication, marketing, design, social media, health, education, entertainment and creative arts, and all areas in which culture is shaped by technology and computational media. All students gain techniques to change the world and communicate using contemporary computational media, a vital power in today's world. Some go on to invent fresh techniques.

Graduates of the media arts and sciences program have a wide array of career opportunities in new media to choose from, in fields such as:

- communications (CISCO, Google, Facebook)
- computing (Apple, Microsoft)
- gaming and entertainment (Industrial Light and Magic, Electronic Arts, Pixar)
- media arts (engineering multimedia shows, video and sound production)

The media arts and sciences curriculum also prepares students for roles in the development of modern media systems that address complex sociotechnical problems, such as:

- diagnostic, monitoring, and assistive cyber-physical tools and systems that can be used by health care providers
- new systems for collaborative, participatory content creation and sharing
- social networking and reflection tools for promoting sustainability
- systems for interactive, adaptive learning and computational assessment in educational organizations

Graduates who are interested in continuing their higher education are well prepared to apply for admission to the top interdisciplinary new media programs in the nation, including the graduate programs through the School of Arts, Media and Engineering at ASU.

Media arts and sciences alumni have received job opportunities in:

- 3D modeling and fabrication
- audio and video
- engineering
- graphic design
- illustration
- iOS development
- journalism
- programming
- software engineering
- special effects
- visual media

**Contact Information:**

Design and the Arts, Herberger Institute for Arts, Media and Engineering Sch T

<https://artsmediaengineering.asu.edu/degree-programs/digital-culture>

STAUF-B 217

digitalculture@asu.edu

480-965-9438

## Media Arts and Sciences (Theatre), BA (HIDGCTBA)

**Campus:** Tempe

This program's name has changed effective Fall 2023. The previous name was Digital Culture (Theatre).

**Program Description:** The School of Arts, Media and Engineering educates the next generation of learners and empowers them with technofluency --- its development, application and implications. The school prepares students to be socially aware, critically thinking global citizens who strive to bring about positive change in a society that will be increasingly shaped by new technologies.

The BA program in media arts and sciences equips students with the knowledge, abilities and technical skills they need for creating computational media.

Students learn to create computational media and computation combined with objects, sound, video, time, space, culture and bodies; breathe behavior into media, objects or systems by programming, and they learn to think critically about how computation impacts lives and how culture makes a difference in how people experience computational media, a critical skill in this dynamic age.

Media Arts and Sciences -- Theatre concentration

The concentration in theatre is for students who desire to integrate principles of design and production with digital culture. Students complement their knowledge of media arts and sciences with discipline-specific courses in the School of Music, Dance and Theatre that focus on understanding the fundamentals and principles of theatre design, including scene, lighting, sound, costume and multimedia design, while developing art and technical direction and digital design skills.

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 117 - College Algebra

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=HIDGCTBA~null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Exploring programs around the globe furthers students' ability to apply their studies to a global spectrum. With over 300 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad (<https://goglobal.asu.edu/>) is possible for

all ASU students who wish to acquire global skills and knowledge in preparation for a future-focused career. Students earn ASU credit for completed courses, while staying on track for graduation, and may apply financial aid and scholarships toward program costs.

The Herberger Institute for Design and the Arts recommends these programs (<https://goglobal.asu.edu/students/major/herberger/digital-culture>) for students majoring in media arts and sciences.

**Career Opportunities:** Armed with skills and reasoned judgment, graduates work in cultural communication, marketing, design, social media, health, education, entertainment and creative arts, and all areas in which culture is shaped by technology and computational media. All graduates gain techniques to change the world and communicate using contemporary computational media, a vital power in today's world. Some go on to invent fresh techniques.

Graduates of the media arts and sciences program have a wide array of career opportunities in new media involving the fields of:

- communications (CISCO, Google, Facebook)
- computing (Apple, Microsoft)
- gaming and entertainment (Industrial Light and Magic, Electronic Arts, Pixar)
- media arts (engineering multimedia shows, video and sound production)

The media arts and sciences curriculum also prepares students for roles in the development of modern media systems that address complex sociotechnical problems, such as:

- diagnostic, monitoring, and assistive cyber-physical tools and systems that can be used by health care providers
- new systems for collaborative, participatory content creation and sharing
- social networking and reflection tools for promoting sustainability
- systems for interactive, adaptive learning and computational assessment in educational organizations

Graduates who are interested in continuing their higher education are well prepared to apply for admission to the top interdisciplinary new media programs in the nation, including the graduate programs through the ASU School of Arts, Media and Engineering.

Media Arts and Sciences alumni have received job opportunities in the following fields:

- audio and video
- engineering
- graphic design
- illustration
- iOS development
- journalism
- programming
- software engineering
- special effects
- 3D modeling and fabrication
- visual media

**Contact Information:**

Design and the Arts, Herberger Institute for  
Arts, Media and Engineering Sch T  
<https://artsmediaengineering.asu.edu/degree-programs/digital-culture>  
STAUF-B 217  
digitalculture@asu.edu  
480-965-9438

## Music, BA (FAMUSBA)

**Campus:** Tempe

**Program Description:** The BA in music provides students with a broadly based liberal arts degree.

Students receive a strong foundation in music theory and music history while completing lessons on their major instrument. The curricular core provides students with the opportunity to explore music as human history, cultural artifact and social behavior.

Students may combine the degree with another major or minor within ASU.

**Additional Program Fee:** Y

**Second Language Requirement:** Yes

**First Required Math Course:** Any math course that meets the MA designation.

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

Creative Enterprise and Cultural Leadership, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: Important: Applicants must submit an ASU application for undergraduate admission in addition to a separate School of Music, Dance and Theatre application (<https://musicdancetheatre.asu.edu/admissions/music/undergraduate-steps-to-apply>). Admission to the School of Music, Dance and Theatre is based on an audition (<https://musicdancetheatre.asu.edu/admissions/music/undergraduate-auditions>). Auditions take place in November (spring admission) and in January and February (fall admission) of each year.

Admission to the music program is highly selective and based on an audition process. Students are admitted as music audition students and must successfully complete the audition before enrolling in music major courses. Upon admission to both ASU and the School of Music, Dance and Theatre, the applicant's major is changed to music. In the event a student is admitted to ASU but not to the School of Music, Dance and Theatre or misses the audition deadline, the student will remain as a music audition major and will need to successfully pass the music audition milestone in the first semester in order to gain admission into the program.

Application Deadlines: Students should review the complete music deadline (<https://musicdancetheatre.asu.edu/admissions/music/undergraduate-deadlines-fees>) information.

Spring admission: The deadline to apply for admission to this program is October 15.

Fall admission: The deadline to apply for admission to this program is January 5.

Transfer Admission Requirements: Transfer Applicants: Transfer of courses from other accredited institutions is subject to the existence of parallel and equal courses in the college's curriculum and departmental or school evaluation of studio and class piano courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 hours in resident credit at ASU. Transfer students enrolled in the institute must complete a minimum of 15 resident credit hours in the major as approved by the faculty.

Application Deadlines: Students should review the complete music deadline (<https://musicdancetheatre.asu.edu/admissions/music/undergraduate-deadlines-fees>) information.

Spring admission: The deadline to apply for admission to this program is October 15.

Fall admission: The deadline to apply for admission to this program is January 5.

**Change of Major Requirements:** An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FAMUSBA~null + &college=CHI>) to outline a list of

recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Analyze key creative and artistic processes from at least two musical styles and historical periods.
- Analyze specific musical products within the context of a specific historic or cultural tradition.
- Write research papers applying the conventions of scholarly discourse in music.

#### **Global Opportunities:**

Global Experience: With over 300 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad (<https://goglobal.asu.edu/>) is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a future-focused career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs.

**Career Opportunities:** Graduates are prepared to work in various professional or entrepreneurial capacities, including:

- music criticism and research, ethnomusicology and musicology
- music entrepreneurship, concert management and promotion
- music publishing
- performing in community and professional ensembles in a variety of styles and traditions
- teaching in a private studio or community program

Many graduates pursue a master's degree or a doctorate in music or another professional field.

#### **Contact Information:**

Design and the Arts, Herberger Institute for  
School of Music, Dance and Theatre  
<https://musicdancetheatre.asu.edu/degree-programs/music-ba>  
MUSIC E167  
MDTAdmissions@asu.edu  
480-965-5069

## **Music (Music and Culture), BA (HIMUSMCBA)**

**Campus:** Tempe

**Program Description:** The BA in music with a concentration in music and culture is a broadly based liberal arts degree program offering the most elective flexibility of any ASU music major.

Students acquire skills applicable to careers in music and many other fields (e.g., librarianship, arts festival management or production, criticism, audience education, recruitment, artist representation, publishing, creative writing). They may develop mainstream competencies such as performing or writing about Western European music, conducting, and teaching about music. They may also pursue coursework in popular music, acoustics, advocacy of wellness through music, dance as musical embodiment and selected musical competencies of Asia, Latin America and other areas.

Students explore music as human history, cultural artifact and social behavior, and engage in interdisciplinary thinking and academic research and writing. Because of the high percentage of elective courses, students may tailor both the General Studies courses and the music electives to suit their career goals.

**Additional Program Fee:** Y

**Second Language Requirement:** Yes

**First Required Math Course:** Any math course that meets the MA designation.

**Program Math Intensity:** General

#### **Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.



**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: Important: Applicants must submit an ASU application for undergraduate admission in addition to a separate School of Music, Dance and Theatre application (<https://musicdancetheatre.asu.edu/admissions/music/undergraduate-steps-to-apply>). Admission to the School of Music, Dance and Theatre is based on an audition. Auditions (<https://musicdancetheatre.asu.edu/admissions/music/undergraduate-auditions>) take place in November (spring admission) and in January and February (fall admission) of each year.

Admission to the music program is highly selective and based on an audition process. Students are admitted as music audition students and must successfully complete the audition before enrolling in music major courses. Upon admission to both ASU and the School of Music, Dance and Theatre, the applicant's major will be changed to music. In the event a student is admitted to ASU but not to the School of Music, Dance and Theatre or misses the audition deadline, the student will remain as a music audition major and will need to successfully pass the music audition milestone in the first semester in order to gain admission into the program.

The following comprise the audition process for admittance to the music and culture concentration:

- Students must submit a writing sample, which will be evaluated by all musicology faculty members.

Students must submit evidence of musicianship broadly defined (basic notational literacy plus live audition on, for example, didgeridoo or gospel-style composition, or documented transdisciplinary installation including music), which will be evaluated by all musicology faculty.

- Students must attend an interview with at least three musicology faculty members.
- Each student will be matched with a musicology advisor at the time of acceptance. The advisor will assist them in the choice of ensembles (as qualified) and electives to support their programs of study. Students must audition and be accepted into large ensembles following established procedures.
- Students who wish to take studio lessons as part of the degree must audition for the appropriate performance faculty members. Students should follow the audition requirements for the BA in music.

Application Deadlines: Students should review the complete music deadline (<https://musicdancetheatre.asu.edu/admissions/music/undergraduate-deadlines-fees>) information.

Spring admission: The deadline to apply for admission to this program is October 15.

Fall admission: The deadline to apply for admission to this program is January 5.

Transfer Admission Requirements: Transfer Applicants: Transfer of courses from other accredited institutions is subject to the existence of parallel and equal courses in the college's curriculum and to departmental or school evaluation of studio and class piano courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 hours in resident credit at ASU. Transfer students enrolled in the institute must complete a minimum of 15 resident credit hours in the major as approved by the faculty.

Application Deadlines: Students should review the complete music deadline (<https://musicdancetheatre.asu.edu/admissions/music/undergraduate-deadlines-fees>) information.

Spring admission: The deadline to apply for admission to this program is October 15.

Fall admission: The deadline to apply for admission to this program is January 5.

**Change of Major Requirements:** An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=HIMUSMCBA-null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Analyze key creative and artistic processes from at least two musical styles and historical periods.
- Analyze specific musical products within the context of new musical fields, cultures, or practices.
- Write research papers applying the conventions of scholarly discourse in music.

#### **Global Opportunities:**

Global Experience: With over 300 programs (<https://goglobal.asu.edu/>) in more than 65 countries (programs vary in length, from one week to one year), music and culture students have the opportunity to experience music of their area of focus in the music capitals of the world. Students gain a global perspective and knowledge in preparation for their career while earning ASU credit for completed courses and staying on track for graduation.

**Career Opportunities:** The program prepares students for potential careers in fields that require skilled written communication, the ability to conduct research both in electronic and print media, critical and logical thinking, the dissection of an argument and careful time management.

In addition to the careers listed below, graduates may pursue jobs in music and medical humanities or copyright and entertainment law. Graduates are prepared to work in various professional capacities, including:

- community and professional ensemble performance in a variety of styles and traditions
- music criticism and research, ethnomusicology and musicology
- music entrepreneurship, concert management and promotion music in culture, music blogging
- music librarianship
- music publishing, program annotation
- private studio or community program teaching

#### **Contact Information:**

Design and the Arts, Herberger Institute for  
School of Music, Dance and Theatre

<https://musicdancetheatre.asu.edu/degree-programs/music/musicology?dept=392823&id=1>

MUSIC E167

[mdtadmissions@asu.edu](mailto:mdtadmissions@asu.edu)

480-965-5069

## **Music (Popular Music), BA (HIMUSPMBA)**

**Campus:** Downtown Phoenix

**Program Description:** The popular music concentration within the BA program in music at Arizona State University welcomes and accommodates musicians interested in popular music, music industry studies and entrepreneurship. This includes singers and songwriters, laptop performers, producers, composers, instrumentalists, vocalists and musicians whose practices and playing styles are representative of varied popular music idioms. Students can elect to choose either the performer or non-performer track, following the flexible major map to cater to their desired experience.

All students in the popular music program develop general musicianship and foundational skills that prepare them to specialize in areas of study which include songwriting, production, composition, performance, engineering, sound design, live sound and event production, music business, popular music education and advocacy work. Students participate in both group and individual applied study in chosen specializations, complemented by yearly special programming and opportunities such as visiting artists and professionals, exposure to industry partners, master classes, and professional development and career opportunities. All students gain a working knowledge of the music industry and music business and the entrepreneurial skills necessary to gain meaningful employment and career building skills upon graduation.

Internship courses provide opportunities for students to apply their learning in a real-life context and begin building relationships. A capstone senior year allows students to work more intimately with faculty on perfecting their craft as well as preparing for the shift from ASU to the industry.

Students are required to have a personal laptop capable of running a digital audio workstation, and they may need to purchase music software applications depending on their specialization.

Students attend classes at the Downtown Phoenix campus.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** Any math course that meets the MA designation.

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: Audition Process for admittance to BA in Music (Popular Music) concentration:

**Artist Statement:**

All auditioning students must submit an artist statement explaining both their current work and vision of their future work in popular music. A minimum of 250 words is required.

**Audition:**

Live auditions or recorded auditions are required for admission to the BA program in popular music and for placement in MUP 111 Studio Instruction in popular music. A live audition consists of a 15-minute performance or presentation consisting of three to five selections of live or digital music performance. The selections may be original works or selections from popular music repertoire. The audition also includes scales, improvisation and aural skills. Students may also provide a recorded sample of their creative popular music work if they so choose.

For students seeking to pursue popular music performance, a live or recorded performance video is required for at least part of the audition. For other disciplines in which a video is not possible (studio recording, music creation and composition), students are required to submit a digital audio sound recording of three to five selections.

The audition also includes a live or remote interview. A live audition is preferred. Applicants who are unable to visit the campus for a live audition may upload a recorded audition to the School of Music, Dance and Theatre application. These students will be contacted by faculty to arrange a remote interview.

Students interested in pursuing classical music lessons are required to follow the classical repertoire audition requirements for MUP 111 Studio Instruction in addition to auditioning for MUP 111 Studio Instruction in popular music.

Transfer Admission Requirements: Students transferring from community colleges, other universities or other ASU programs engage in the same audition process as first-year students.

Transfer students are encouraged to audition during the semester before they wish to enroll at ASU. They will also take piano and music theory diagnostic exams at that time to ensure placement in appropriate coursework.

Transfer of courses from other accredited institutions is subject to the existence of parallel and equal courses in the college's curriculum, and departmental or school evaluation of studio and class piano courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 credit hours in resident credit at ASU. Transfer students enrolled in the institute must complete a minimum of 15 resident credit hours in the major as approved by the faculty.

**Change of Major Requirements:** An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A") and may change their major to the BA in music with a concentration in popular music if they successfully complete the audition process required for admittance and are accepted into the degree program.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=HIMUSPMBA-null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Analyze key creative and artistic processes from a range of musical styles and historical periods.
- Apply music industry studies as it pertains to popular and contemporary music industry starting from the late 19th century to modern day.
- Execute professional level techniques in their chosen specializations.

#### **Global Opportunities:**

Global Experience: With over 300 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad (<https://goglobal.asu.edu/>) is possible for all ASU students who wish to acquire a global perspective and knowledge in preparation for their career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs.

**Career Opportunities:** Graduates are prepared for careers in the popular music industry that involve creativity and creating new work, being a flexible musician, collaborating with others in the community and having knowledge of music business and music marketing. Possible jobs include:

- contemporary composer for film, TV and games
- concert or artist manager and promotor
- entrepreneur and music marketer
- live event production and experience designer
- label or music executive
- musical director, arranger and publisher
- music performer in the popular music sector
- nonprofit arts-related worker
- sound designer or studio engineer
- songwriter, producer or teacher in a private studio

#### **Contact Information:**

Design and the Arts, Herberger Institute for  
School of Music, Dance and Theatre

<https://musicdancetheatre.asu.edu/degree-programs/music/undergraduate>

MUSIC E167

[mdtadmissions@asu.edu](mailto:mdtadmissions@asu.edu)

480-965-5069

## **Music Learning and Teaching, BMUS (FAMUSEBM)**

**Campus:** Tempe

**Program Description:** In the BMUS program in music learning and teaching, students develop skills to become a music educator in a variety of K-12 school and community settings.

Through coursework and lab participation, students develop strong pedagogical skills and flexible musicianship, to deepen and broaden music making in varied styles and contexts including contemporary digital music making. They also develop the abilities to facilitate people's music engagement and learning in varied settings. Students learn how to design and facilitate supportive, generative and equitable music programs that support all music students, helping them to grow and thrive.

Upon completion, students can earn a K-12 teaching certification with multistate reciprocity.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** Any math course that meets the MA designation.

**Program Math Intensity:** General

#### **Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: Important: Applicants must submit an ASU application for undergraduate admission in addition to a separate School of Music, Dance and Theatre application (<https://musicdancetheatre.asu.edu/admissions/music/undergraduate-steps-to-apply>). Admission to the School of Music, Dance and Theatre is based on an audition. Auditions (<https://musicdancetheatre.asu.edu/admissions/music/undergraduate-auditions>) take place in November (spring admission) and in January and February (fall admission) of each year.

Admission to the music program is highly selective and based on an audition process. Students are admitted as music audition students and must successfully complete the audition before enrolling in music major courses. Upon admission to both ASU and the School of Music, Dance and Theatre, the applicant's major is changed to music. In the event a student is admitted to ASU but not to the School of Music, Dance and Theatre or misses the audition deadline, the student remains as a music audition major and needs to successfully pass the music audition milestone in the first semester in order to gain admission into the program.

Application Deadlines: Students should review the complete music deadline (<https://musicdancetheatre.asu.edu/admissions/music/undergraduate-deadlines-fees>) information.

Spring admission: The deadline to apply for admission to this program is October 15.

Fall admission: The deadline to apply for admission to this program is January 5.

Transfer Admission Requirements: Transfer Applicants: Transfer of courses from other accredited institutions is subject to the existence of parallel and equal courses in the college's curriculum, and departmental or school evaluation of studio and class piano courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 hours in resident credit at ASU. Transfer students enrolled in the institute must complete a minimum of 15 resident credit hours in the major as approved by the faculty.

Application Deadlines: Students should review the complete music deadline (<https://musicdancetheatre.asu.edu/admissions/music/undergraduate-deadlines-fees>) information.

Spring admission: The deadline to apply for admission to this program is October 15.

Fall admission: The deadline to apply for admission to this program is January 5.

**Change of Major Requirements:** An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FAMUSEBM~null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Apply skills needed for teaching music in K-12 classrooms, such as organized instructional plans, clear delivery, effective pacing and assessment techniques.
- Develop a repertoire of teaching strategies appropriate to the developmental characteristics and learning styles of children and adolescents through observation and teaching experience.
- Write research papers applying the conventions of scholarly discourse in music.

**Global Opportunities:**

Global Experience: With over 300 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad (<https://goglobal.asu.edu/>) is possible for all ASU students who wish to acquire a global perspective and knowledge in preparation for their career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs.

**Career Opportunities:** Graduates are prepared to teach in public and private school music programs that offer a variety of music classes, including general music, choir, band, orchestra, strings, guitar, jazz, music production, music technology and popular music.

Graduates work in various professional or entrepreneurial capacities, including:

- performing in community and professional ensembles in a variety of styles and traditions or as a freelance musician in venues, such as art galleries, churches, clubs, cruise ships, resorts, restaurants and theme parks
- presenting school and community programs as artist-in-residence
- teaching and directing in a private studio or community programs
- working in music-related fields such as media production, music business, publishing, marketing and education.

Many graduates pursue a master's degree or a doctorate in music learning and teaching, in music or the arts, or in another professional field.

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

**Contact Information:**

Design and the Arts, Herberger Institute for  
School of Music, Dance and Theatre  
<https://musicdancetheatre.asu.edu/degree-programs/music-learning-and-teaching-bmus>  
MUSIC E167  
MDTAdmissions@asu.edu  
480-965-5069

## Music Therapy, BMUS (FAMUSTHBM)

**Campus:** Tempe

**Program Description:** The BMus program in music therapy prepares students for a career in health care, community-based and special education settings. Music therapy majors learn to use carefully planned music interventions to achieve desired changes in a client's individualized behavior and functioning.

Music therapy is a profession in which engagement and receptive or active music-making help a client achieve individual therapeutic goals. Music therapy students develop a wide range of musical, verbal and nonverbal skills, through the programs' many opportunities to work in clinical settings. Students also study:

- human anatomy
- musical improvisation
- popular music styles
- psychology
- songwriting
- special education
- world music

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** Any math course that meets the MA designation.

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: Important: Applicants must submit an ASU application for undergraduate admission in addition to a separate School of Music, Dance and Theatre application (<https://musicdancetheatre.asu.edu/admissions/music/undergraduate-steps-to-apply>). Admission to the School of Music, Dance and Theatre is based on an audition. Auditions (<https://musicdancetheatre.asu.edu/admissions/music/undergraduate-auditions>) take place in November (spring admission) and in January and February (fall admission) of each year.

Admission to the music program is highly selective and based on an audition process. Students are admitted as music audition students and must successfully complete the audition before enrolling in music major courses. Upon admission to both ASU and the School of Music, Dance and Theatre, the applicant's major is changed to music. In the event a student is admitted to ASU but not to the School of Music, Dance and Theatre or misses the audition deadline, the student remains as a music audition major and will need to successfully pass the music audition milestone in the first semester in order to gain admission into the program.

Application Deadlines: Students should review the complete music deadline (<https://musicdancetheatre.asu.edu/admissions/music/undergraduate-deadlines-fees>) information.

Spring admission: The deadline to apply for admission to this program is October 15.

Fall admission: The deadline to apply for admission to this program is January 5.

Transfer Admission Requirements: Transfer Applicants: Transfer of courses from other accredited institutions is subject to the existence of parallel and equal courses in the college's curriculum, and departmental or school evaluation of studio and class piano courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 hours in resident credit at ASU. Transfer students enrolled in the institute must complete a minimum of 15 resident credit hours in the major as approved by the faculty.

Application Deadlines: Students should review the complete music deadline (<https://musicdancetheatre.asu.edu/admissions/music/undergraduate-deadlines-fees>) information.

Spring admission: The deadline to apply for admission to this program is October 15.

Fall admission: The deadline to apply for admission to this program is January 5.

**Change of Major Requirements:** An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FAMUSTHBM~null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Apply competent music foundation skills across their secondary instruments of voice, piano, and guitar.
- Apply basic knowledge of the causes, symptoms of, and basic terminology used in medical, mental health, and educational settings to the implementation of therapeutic interventions.
- Write research papers applying the conventions of scholarly discourse in music.

#### **Global Opportunities:**

Global Experience: With over 300 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad (<https://goglobal.asu.edu/>) is possible for all ASU students who wish to acquire global skills and knowledge in preparation for career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs.

**Career Opportunities:** Graduates are eligible to sit for the music therapy certification examination given by the Certification Board for Music Therapists.

Positions are available regionally and nationally in hospitals, schools, rehabilitation centers, nursing homes and other health care facilities. Graduates are prepared to work in the fields of community music therapy and wellness, geriatric care, mental health, physical rehabilitation, special education, or within veteran and military populations.

A music therapy career may also provide an opportunity for private practice with flexible hours.

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

**Contact Information:**

Design and the Arts, Herberger Institute for  
School of Music, Dance and Theatre

<https://musicdancetheatre.asu.edu/degree-programs/music-therapy-bmus>

MUSIC E167

MDTAdmissions@asu.edu

480-965-5069

## Performance (Collaborative Piano), BMUS (FAMUSPPBM)

**Campus:** Tempe

**Program Description:** The BMus program in performance with a concentration in collaborative piano offers private instruction in solo and collaborative piano; coaching with faculty on chamber music, song, operatic and musical theatre repertoire; and opportunities with large ensemble and choral programs. This diverse training leads directly to vibrant collaborative performance experiences in all areas, including collaboration with colleagues in dance and theatre.

Collaborative piano students regularly perform with their vocal and instrumental colleagues in concerts at ASU and throughout the valley, including at the Scottsdale Center, the Kerr Cultural Center, Tempe Center for the Arts, and the renowned Musical Instrument Museum.

The program focuses on the core repertoire of song, piano chamber music, opera and musical theater. Collaboration within the School of Music, Dance and Theatre involves all performance areas, including classes and opportunities with the music theatre and opera programs, concerts with large ensembles and choirs, duo recitals with instrumental and voice colleagues, and performances of chamber music literature as part of the Visiting Quartet Residency program.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** Any math course that meets the MA designation.

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: Important: Applicants must submit an ASU application for undergraduate admission in addition to a separate School of Music, Dance and Theatre application (<https://musicdancetheatre.asu.edu/admissions/music/undergraduate-steps-to-apply>). Admission to the School of Music, Dance and Theatre is based on an audition. Auditions (<https://musicdancetheatre.asu.edu/admissions/music/undergraduate-auditions>) take place in November (spring admission) and in January and February (fall admission) of each year.

Admission to the music program is highly selective and based on an audition process. Students are admitted as music audition students and must successfully complete the audition before enrolling in music major courses. Upon admission to both ASU and the School of Music, Dance and



Theatre, the applicant's major is changed to music. In the event a student admitted to ASU but not to the School of Music, Dance and Theatre or misses the audition deadline, the student will remain as a music audition major and will need to successfully pass the music audition milestone in the first semester in order to gain admission into the program.

Application Deadlines: Students should review the complete music deadline (<https://musicdancetheatre.asu.edu/admissions/music/undergraduate-deadlines-fees>) information.

Spring admission: The deadline to apply for admission to this program is October 15.

Fall admission: The deadline to apply for admission to this program is January 5.

Transfer Admission Requirements: Transfer Applicants: Transfer of courses from other accredited institutions is subject to the existence of parallel and equal courses in the college's curriculum, and departmental or school evaluation of studio and class piano courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 hours in resident credit at ASU. Transfer students enrolled in the institute must complete a minimum of 15 resident credit hours in the major as approved by the faculty.

Application Deadlines: Students should review the complete music deadline (<https://musicdancetheatre.asu.edu/admissions/music/undergraduate-deadlines-fees>) information.

Spring admission: The deadline to apply for admission to this program is October 15.

Fall admission: The deadline to apply for admission to this program is January 5.

**Change of Major Requirements:** An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FAMUSPPBM~null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Develop performance practices in the context of diverse musical settings and genres, demonstrating familiarity with the literature of one's instrument, as well as an overview of vocal and instrumental literature.
- Evaluate piano and related repertoire and pedagogy to develop a unique musical style.
- Produce a research study focusing on musical elements, social uses of music, and interplay among performers, composers, and institutions.

#### **Global Opportunities:**

Global Experience: Students who experience music in different countries expand their understanding of musical performance. Many ASU faculty are involved in summer music festivals throughout the world and often bring their ASU students to experience this global environment of collaboration.

With over 300 programs in more than 65 countries (programs vary in length, from one week to one year), Global Education programs (<https://goglobal.asu.edu/>) are possible for all ASU students who wish to acquire a global perspective and knowledge in preparation for a career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs.

**Career Opportunities:** Graduates are prepared to work in various professional or entrepreneurial capacities, including:

- performing as a collaborative pianist with singers and instrumentalists
- performing as a pianist with large instrumental ensembles
- performing as a pianist for music recording and studio work
- rehearsing and performing as a pianist with choral ensembles

- rehearsing and performing as a pianist for musical theatre or opera productions
- teaching in a private studio or community music program
- working as a vocal coach
- working collaboratively in music-related fields such as media production, music business, publishing and marketing

Many graduates pursue a master's degree or a doctorate in music or in another professional field.

**Contact Information:**

Design and the Arts, Herberger Institute for  
School of Music, Dance and Theatre

<https://musicdancetheatre.asu.edu/degree-programs/performance-collaborative-piano-bmus>

MUSIC E167

MDTAdmissions@asu.edu

480-965-5069

## Performance (Guitar), BMUS (FAMUSPGBM)

**Campus:** Tempe

**Program Description:** The BMus in performance with a concentration in guitar is a program that focuses on the study of classical guitar literature and techniques. Goals include enabling students to express themselves musically while emphasizing the skills they will need in order to pursue careers as professional musicians. The course of study includes extensive performance experiences.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** Any math course that meets the MA designation.

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: Important: Applicants must submit an ASU application for undergraduate admission in addition to a separate School of Music, Dance and Theatre application (<https://musicdancetheatre.asu.edu/admissions/music/undergraduate-steps-to-apply>). Admission to the School of Music, Dance and Theatre is based on an audition. Auditions (<https://musicdancetheatre.asu.edu/admissions/music/undergraduate-auditions>) take place in November (spring admission) and in January and February (fall admission) of each year.

Admission to the music program is highly selective and based on an audition process. Students are admitted as music audition students and must successfully complete the audition before enrolling in music major courses. Upon admission to both ASU and the School of Music, Dance and Theatre, the applicant's major will be changed to music. In the event a student is admitted to ASU but not to the School of Music, Dance and Theatre or misses the audition deadline, the student will remain as a music audition major and will need to successfully pass the music audition milestone in the first semester in order to gain admission into the program.

Application Deadlines: Students should review the complete music deadline (<https://musicdancetheatre.asu.edu/admissions/music/undergraduate-deadlines-fees>) information.

Spring admission: The deadline to apply for admission to this program is October 15.

Fall admission: The deadline to apply for admission to this program is January 5.

Transfer Admission Requirements: Transfer Applicants: Transfer of courses from other accredited institutions is subject to the existence of parallel and equal courses in the college's curriculum, and departmental or school evaluation of studio and class piano courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 hours in resident credit at ASU. Transfer students enrolled in the institute

must complete a minimum of 15 resident credit hours in the major as approved by the faculty.

Application Deadlines: Students should review the complete music deadline (<https://musicdancetheatre.asu.edu/admissions/music/undergraduate-deadlines-fees>) information.

Spring admission: The deadline to apply for admission to this program is October 15.

Fall admission: The deadline to apply for admission to this program is January 5.

**Change of Major Requirements:** An ASU student who would like to change majors to one offered by the Herberger Institute or one of its programs must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FAMUSPGBM~null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Students will develop performance practices in the context of diverse musical settings and genres, demonstrating familiarity with the literature of their instrument.
- Students will be able to critically evaluate their instrument's repertoire and pedagogy to develop a unique musical style.
- Graduates will be able to produce a research study focusing on musical elements, social uses of music, and interplay among performers, composers and institutions.

#### **Global Opportunities:**

Global Experience: Students who experience music in different countries can expand their understanding of musical performance. With over 300 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad (<https://goglobal.asu.edu/>) is possible for all ASU students who wish to acquire a global perspective and knowledge in preparation for a future-focused career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs.

**Career Opportunities:** Graduates are prepared to work in various professional or entrepreneurial capacities, including:

- performing as a concert soloist or in chamber music ensembles or as a freelance musician in venues such as art galleries, churches, clubs, cruise ships, resorts, restaurants and theme parks
- presenting school programs or serving on state or community arts councils as artist-in-residence
- recording and studio work
- teaching in a private studio or community program
- working in music-related fields such as media production, music business, publishing and marketing

Many graduates pursue a master's degree or a doctorate in music or in another professional field.

#### **Contact Information:**

Design and the Arts, Herberger Institute for  
School of Music, Dance and Theatre  
<https://musicdancetheatre.asu.edu/degree-programs/performance-guitar-bmus>  
MUSIC E167  
MDTAdmissions@asu.edu  
480-965-5069

## **Performance (Jazz), BMUS (FAMUSPJBM)**

**Campus:** Tempe

**Program Description:** The BMus in performance with a concentration in jazz prepares students for professional careers and leadership roles in

jazz and related fields of contemporary music by promoting flexible musicianship and an understanding of the jazz tradition.

The curriculum includes course offerings in jazz performance, composition, arranging, history, theory, aural skills and pedagogy and is designed to incentivize artistic expression, innovation, and the exploration of blues-based improvisation, bebop, Latin jazz, swing and soul music.

Students in the ASU jazz studies program find an abundance of performance opportunities in the many university ensembles and professional groups that perform in the greater Phoenix metropolitan area.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** Any math course that meets the MA designation.

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: Important: Applicants must submit an ASU application for undergraduate admission in addition to a separate School of Music, Dance and Theatre application (<https://musicdancetheatre.asu.edu/admissions/music/undergraduate-steps-to-apply>). Admission to the School of Music, Dance and Theatre is based on an audition. Auditions (<https://musicdancetheatre.asu.edu/admissions/music/undergraduate-auditions>) take place in November (spring admission) and in January and February (fall admission) of each year.

Admission to the music program is highly selective and based on an audition process. Students are admitted as music audition students and must successfully complete the audition before enrolling in music major courses. Upon admission to both ASU and the School of Music, Dance and Theatre, the applicant's major will be changed to music. In the event a student is admitted to ASU but not to the School of Music, Dance and Theatre or misses the audition deadline, the student will remain as a music audition major and will need to successfully pass the music audition milestone in the first semester in order to gain admission into the program.

Application Deadlines: Students should review the complete music deadline (<https://musicdancetheatre.asu.edu/admissions/music/undergraduate-deadlines-fees>) information.

Spring admission: The deadline to apply for admission to this program is October 15.

Fall admission: The deadline to apply for admission to this program is January 5.

Transfer Admission Requirements: Transfer Applicants: Transfer of courses from other accredited institutions is subject to the existence of parallel and equal courses in the college's curriculum, and departmental or school evaluation of studio and class piano courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 hours in resident credit at ASU. Transfer students enrolled in the institute must complete a minimum of 15 resident credit hours in the major as approved by the faculty.

Application Deadlines: Students should review the complete music deadline (<https://musicdancetheatre.asu.edu/admissions/music/undergraduate-deadlines-fees>) information.

Spring admission: The deadline to apply for admission to this program is October 15.

Fall admission: The deadline to apply for admission to this program is January 5.

**Change of Major Requirements:** An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FAMUSPJB~null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Execute long-range performance projects.
- Analyze musical elements and social uses of music, including in interactions between performers and composers.
- Develop performance practices in the context of jazz genres, demonstrating familiarity with the repertoire of the student's instrument.

**Global Opportunities:**

Global Experience: Students who experience music in different countries can expand their understanding of musical performance. Their exposure to unique and diverse cultural environments enables them to develop an understanding of others' forms of artistic expression. Global Education opportunities (<https://goglobal.asu.edu/>) can shape the student musically while offering the global perspective and knowledge they will need when pursuing a career as a professional musician in an international environment.

With over 300 Global Education options available, whether in a foreign country, in the U.S. or online, students can tailor their experience to their unique interests and skill sets. Students earn ASU credit for completed courses, while staying on track for graduation, and may apply financial aid and scholarships toward program costs.

**Career Opportunities:** Graduates are prepared to work in various professional or entrepreneurial capacities, including:

- accompanying
- composing or arranging jazz
- performing as a freelance musician in venues such as art galleries, churches, clubs, cruise ships, resorts, restaurants and theme parks
- recording and studio work
- teaching in a private studio or community program
- working in music-related fields such as media production, music business, publishing and marketing

Many graduates pursue a master's degree or a doctorate in music or in another professional field.

**Contact Information:**

Design and the Arts, Herberger Institute for  
School of Music, Dance and Theatre  
<https://musicdancetheatre.asu.edu/degree-programs/performance-jazz-bmus>  
MUSIC E167  
MDTAdmissions@asu.edu  
480-965-5069

## Performance (Keyboard), BMUS (FAMUSPKBM)

**Campus:** Tempe

**Program Description:** The BMus in performance with a concentration in keyboard is a program that focuses on the study of literature and techniques of the piano or organ. Goals include enabling students to express themselves musically while emphasizing the skills that are necessary for pursuing a career as a professional musician. The course of study includes extensive performance experience.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** Any math course that meets the MA designation.

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

#### General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Additional Requirements: Important:** Applicants must submit an ASU application for undergraduate admission in addition to a separate School of Music, Dance and Theatre application (<https://musicdancetheatre.asu.edu/admissions/music/undergraduate-steps-to-apply>). Admission to the School of Music, Dance and Theatre is based on an audition. Auditions (<https://musicdancetheatre.asu.edu/admissions/music/undergraduate-auditions>) take place in November (spring admission) and in January and February (fall admission) of each year.

Admission to the music program is highly selective and based on an audition process. Students are admitted as music audition students and must successfully complete the audition before enrolling in music major courses. Upon admission to both ASU and the School of Music, Dance and Theatre, the applicant's major will be changed to music. In the event a student is admitted to ASU but not to the School of Music, Dance and Theatre or misses the audition deadline, the student will remain as a music audition major and will need to successfully pass the music audition milestone in the first semester in order to gain admission into the program.

**Application Deadlines:** Students should review the complete music deadline (<https://musicdancetheatre.asu.edu/admissions/music/undergraduate-deadlines-fees>) information.

Spring admission: The deadline to apply for admission to this program is October 15.

Fall admission: The deadline to apply for admission to this program is January 5.

**Transfer Admission Requirements:** Transfer Applicants: Transfer of courses from other accredited institutions is subject to the existence of parallel and equal courses in the college's curriculum, and departmental or school evaluation of studio and class piano courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 hours in resident credit at ASU. Transfer students enrolled in the institute must complete a minimum of 15 resident credit hours in the major as approved by the faculty.

**Application Deadlines:** Students should review the complete music deadline (<https://musicdancetheatre.asu.edu/admissions/music/undergraduate-deadlines-fees>) information.

Spring admission: The deadline to apply for admission to this program is October 15.

Fall admission: The deadline to apply for admission to this program is January 5.

**Change of Major Requirements:** An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FAMUSPKBM~null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Students will develop performance practices in the context of diverse musical settings and genres, demonstrating familiarity with the literature of their instrument.

- Students will be able to critically evaluate their instrument's repertoire and pedagogy to develop a unique musical style.

- Graduates will be able to produce a research study focusing on musical elements, social uses of music, and interplay among performers, composers and institutions.

**Global Opportunities:**

Global Experience: Students who experience music in different countries can expand their understanding of musical performance. With over 300 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad (<https://goglobal.asu.edu/>) is possible for all ASU students who wish to acquire a global perspective and knowledge in preparation for a future-focused career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs.

**Career Opportunities:** Graduates are prepared for work in various professional or entrepreneurial capacities, including:

- performing as a concert soloist or in chamber music ensembles
- performing as a freelance musician in venues such as art galleries, churches, clubs, cruise ships, resorts, restaurants and theme parks
- presenting school programs or serving on state or community arts councils as artist-in-residence
- recording and studio work
- teaching privately or in a professional music school, a college or a university program
- working in music-related fields such as media production, music business, publishing and marketing

Many graduates pursue a master's degree or a doctorate in music or in another professional field.

**Contact Information:**

Design and the Arts, Herberger Institute for

School of Music, Dance and Theatre

<https://musicdancetheatre.asu.edu/degree-programs/performance-keyboard-bmus>

MUSIC E167

MDTAdmissions@asu.edu

480-965-5069

## Performance (Music Theatre), BMUS (FAMUSPMBM)

**Campus:** Tempe

**Program Description:** The BMus in performance with a concentration in music theatre is an intensive, performance-oriented program.

Training includes private voice lessons every semester of study as well as specialized instruction in acting, dance, audition techniques, technical production, repertoire classes, scene study and performance.

A unique feature of this program includes an innovative sequence of musical theatre performance courses designed to synthesize all the abilities necessary to succeed as a professional musical theatre performer.

ASU is unique in that students may receive professional training in both opera and musical theatre in a broad variety of musical theatre styles, from traditional to contemporary. Two musicals and two operas are produced each year, plus new works and student-led productions. The annual showcase in New York City and Phoenix as well as formal collaborations with Arizona Opera and The Phoenix Theatre Company provide additional performance opportunities and valuable career immersion experiences for all students.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** Any math course that meets the MA designation.

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: Important: Applicants must submit an ASU application for undergraduate admission in addition to a separate School of Music, Dance and Theatre application (<https://musicdancetheatre.asu.edu/admissions/music/undergraduate-steps-to-apply>). Admission to the School of Music, Dance and Theatre is based on an audition. Auditions (<https://musicdancetheatre.asu.edu/admissions/music/undergraduate-2023-24>)

auditions) take place in November (spring admission) and in January and February (fall admission) of each year.

Admission to the music program is highly selective and based on an audition process. Students are admitted as music audition students and must successfully complete the audition before enrolling in music major courses. Once admitted to both ASU and the School of Music, Dance and Theatre, the applicant's major is changed to music. In the event a student is admitted to ASU but not to the School of Music, Dance and Theatre or misses the audition deadline, the student remains as a music audition major and will need to successfully pass the music audition milestone in the first semester in order to gain admission into the program.

Application Deadlines: Students should review the complete music deadline (<https://musicdancetheatre.asu.edu/admissions/music/undergraduate-deadlines-fees>) information.

Spring admission: The deadline to apply for admission to this program is October 15.

Fall admission: The deadline to apply for admission to this program is January 5.

Transfer Admission Requirements: Transfer Applicants: Transfer of courses from other accredited institutions is subject to the existence of parallel and equal courses in the college's curriculum, and departmental or school evaluation of studio and class piano courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 hours in resident credit at ASU. Transfer students enrolled in the institute must complete a minimum of 15 resident credit hours in the major as approved by the faculty.

Application Deadlines: Students should review the complete music deadline (<https://musicdancetheatre.asu.edu/admissions/music/undergraduate-deadlines-fees>) information.

Spring admission: The deadline to apply for admission to this program is October 15.

Fall admission: The deadline to apply for admission to this program is January 5.

**Change of Major Requirements:** An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FAMUSPMBM~null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Students will synthesize music theatre performance practices and techniques in the context of diverse musical and theatrical settings and genres, demonstrating familiarity with the literature and different music theatre contexts and styles.
- Students will apply knowledge of music theatre repertoire in context of musical and social history and theory in performance practice.
- Graduates will be able to produce a research study focusing on musical elements, social uses of music, and interplay among performers, composers and institutions.

#### **Global Opportunities:**

Global Experience: With over 300 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad (<https://goglobal.asu.edu/>) is possible for all ASU students who wish to acquire a global perspective and knowledge in preparation for a future-focused career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs.

**Career Opportunities:** This degree program is designed for individuals who plan a career as a performing singer and actor in opera, operetta, musicals and other forms of musical theatre. Graduates become conductors, teachers, singers and actors and are prepared to work in various professional capacities, including performance:



- at universities, colleges and schools
- in major opera houses
- in national touring companies
- on Broadway

**Contact Information:**

Design and the Arts, Herberger Institute for  
 School of Music, Dance and Theatre  
<https://musicdancetheatre.asu.edu/degree-programs/performance-music-theatre-bmus>  
 MUSIC E167  
 MDTAdmissions@asu.edu  
 480-965-5069

**Performance (Orchestral Instrument), BMUS (FAMUSPOBM)**

**Campus:** Tempe

**Program Description:** The BMus program in performance with a concentration in an orchestral instrument focuses on the study of music literature and techniques on a specific orchestral instrument.

Students receive coaching from world-renowned faculty and visiting guest artists, attend master classes, and receive extensive performance experience in large ensembles, as a chamber musician and as a soloist. Students study a specific orchestral instrument intensively with a faculty member for eight semesters including major repertoire, solo literature and chamber music.

Additionally, students learn skills that are required of highly successful working musicians, including audition preparation, networking, learning organizational strategies, opportunity creation and developing an entrepreneurial mindset.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** Any math course that meets the MA designation.

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

- General University Admission Requirements:  
 All students are required to meet general university admission requirements.  
 Freshman (<https://admission.asu.edu/freshman/apply>)  
 Transfer (<https://admission.asu.edu/transfer/apply>)  
 International (<https://admission.asu.edu/international/undergrad-apply>)  
 Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: Important: Applicants must submit an ASU application for undergraduate admission in addition to a separate School of Music, Dance and Theatre application (<https://musicdancetheatre.asu.edu/admissions/music/undergraduate-steps-to-apply>). Admission to the School of Music, Dance and Theatre is based on an audition. Auditions (<https://musicdancetheatre.asu.edu/admissions/music/undergraduate-auditions>) take place in November (spring admission) and in January and February (fall admission) of each year.

Admission to the music program is highly selective and based on an audition process. Students are admitted as music audition students and must successfully complete the audition before enrolling in music major courses. Upon admission to both ASU and the School of Music, Dance and Theatre, the applicant's major will be changed to music. In the event a student is admitted to ASU but not to the School of Music, Dance and Theatre or misses the audition deadline, the student will remain as a music audition major and will need to successfully pass the music audition milestone in the first semester in order to gain admission into the program.

Application Deadlines: Students should review the complete music deadline (<https://musicdancetheatre.asu.edu/admissions/music/undergraduate-deadlines-fees>) information.

Spring admission: The deadline to apply for admission to this program is October 15.

Fall admission: The deadline to apply for admission to this program is January 5.

Transfer Admission Requirements: Transfer Applicants: Transfer of courses from other accredited institutions is subject to the existence of parallel  
 2023-24 Academic Catalog Archive 2002

and equal courses in the college's curriculum, and departmental or school evaluation of studio and class piano courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 credit hours in resident credit at ASU. Transfer students enrolled in the institute must complete a minimum of 15 resident credit hours in the major as approved by the faculty.

Application Deadlines: Students should review the complete music deadline (<https://musicdancetheatre.asu.edu/admissions/music/undergraduate-deadlines-fees>) information.

Spring admission: The deadline to apply for admission to this program is October 15.

Fall admission: The deadline to apply for admission to this program is January 5.

**Change of Major Requirements:** An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FAMUSPOBM~null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Develop performance practices in the context of diverse musical settings and genres, demonstrating familiarity with the literature of their instrument.
- Evaluate an instrument's repertoire and pedagogy to develop a unique musical style.
- Produce a research study focusing on musical elements, social uses of music, and interplay among performers, composers, and institutions.

#### **Global Opportunities:**

Global Experience: Students who experience music in different countries can expand their understanding of musical performance. They are exposed to unique and diverse cultural environments which enable them to develop an understanding of other forms of artistic expression. Global Education opportunities (<https://goglobal.asu.edu/>) can shape the student musically while offering the global perspective and knowledge they will need when pursuing a career as an international professional musician.

With over 300 Global Education options available, whether in a foreign country, in the U.S. or online, students are able to tailor their experience to their unique interests and skill sets. Students earn ASU credit for completed courses, while staying on track for graduation, and may apply financial aid and scholarships toward program costs.

The Herberger Institute for Design and the Arts recommends these programs (<https://goglobal.asu.edu/students/major/music-performance>) for students majoring in performance.

**Career Opportunities:** Graduates are prepared to work in various professional or entrepreneurial capacities, including:

- performing as a concert soloist; as a freelance musician in venues such as art galleries, churches, clubs, cruise ships, resorts, restaurants and theme parks; or performing in orchestras, chamber music ensembles, music theatre and opera pit ensembles
- presenting school and community programs
- recording and studio work
- teaching privately or as part of a college or university program
- working in music-related fields such as media production, music business, publishing and marketing

Many graduates pursue a master's degree or a doctorate in music or in another professional field.

#### **Contact Information:**

Design and the Arts, Herberger Institute for  
School of Music, Dance and Theatre

<https://musicdancetheatre.asu.edu/degree-programs/performance-orchestral-instrument-bmus>

MUSIC E167  
MDTAdmissions@asu.edu  
480-965-5069

## Performance (Voice), BMUS (FAMUSPVBM)

**Campus:** Tempe

**Program Description:** The BMus program in performance with a concentration in voice focuses on the study of vocal technique, repertoire and performance while emphasizing the skills necessary for a career as a classical singer. The program provides extensive performance experience as well as an inclusive and supportive environment with opportunities to explore many different singing styles.

**Additional Program Fee:** Y

**Second Language Requirement:** Yes

**First Required Math Course:** Any math course that meets the MA designation.

**Program Math Intensity:** General

### Concurrent Program Options:

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

### Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: Important: Applicants must submit an ASU application for undergraduate admission in addition to a separate School of Music, Dance and Theatre application (<https://musicdancetheatre.asu.edu/admissions/music/undergraduate-steps-to-apply>). Admission to the School of Music, Dance and Theatre is based on an audition. Auditions (<https://musicdancetheatre.asu.edu/admissions/music/undergraduate-auditions>) take place on campus in November (spring admission) and in January and February (fall admission) of each year.

Admission to the music program is highly selective and based on an audition process. Students are admitted as music audition students and must successfully complete the audition before enrolling in music major courses. Upon admission to both ASU and the School of Music, Dance and Theatre, the applicant's major will be changed to music. In the event an applicant is admitted to ASU but not to the School of Music, Dance and Theatre or misses the audition deadline, the student will remain as a music audition major and will need to successfully pass the music audition milestone in the first semester in order to gain admission into the program.

Application Deadlines: Students should review the complete music deadline (<https://musicdancetheatre.asu.edu/admissions/music/undergraduate-deadlines-fees>) information.

Spring admission: The deadline to apply for admission to this program is October 15.

Fall admission: The deadline to apply for admission to this program is January 5.

Transfer Admission Requirements: Transfer Applicants: Transfer of courses from other accredited institutions is subject to the existence of parallel and equal courses in the college's curriculum, and departmental or school evaluation of studio and class piano courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 hours in resident credit at ASU. Transfer students enrolled in the institute must complete a minimum of 15 resident credit hours in the major as approved by the faculty.

Application Deadlines: Students should review the complete music deadline (<https://musicdancetheatre.asu.edu/admissions/music/undergraduate-deadlines-fees>) information.

Spring admission: The deadline to apply for admission to this program is October 15.

Fall admission: The deadline to apply for admission to this program is January 5.

**Change of Major Requirements:** An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FAMUSPVBM~null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Students will develop vocal performance practices and techniques in the context of diverse musical settings and genres, demonstrating familiarity with voice-specific literature and different singing styles.
- Students will be able to critically evaluate vocal repertoire and pedagogy to develop a unique musical style.
- Graduates of the voice concentration of the BMus in performance will be able to produce a research study focusing on musical elements, social uses of music, and interplay among performers, composers and institutions.

**Global Opportunities:**

Global Experience: Students who experience music in different countries can expand their understanding of musical performance. With over 300 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad (<https://goglobal.asu.edu/>) is possible for all ASU students who wish to acquire global skills and knowledge in preparation for their career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs.

**Career Opportunities:** Graduates are prepared to work in various professional and entrepreneurial capacities, including:

- performing as a soloist, stage performer, choral singer or freelance musician in venues such as opera houses, theatres, concert halls, churches, clubs, cruise ships, resorts, restaurants and theme parks
- recording and studio work
- teaching in a private studio or community program
- working in music-related fields such as media production, music business, publishing, marketing or arts administration

Many graduates pursue a master's degree or a doctorate in music or another professional field.

**Contact Information:**

Design and the Arts, Herberger Institute for  
School of Music, Dance and Theatre  
<https://musicdancetheatre.asu.edu/degree-programs/performance-voice-bmus>  
MUSIC E167  
MDTAdmissions@asu.edu  
480-965-5069

## Performance and Movement, BA (HIPERMVBA)

**Campus:** Tempe

**Program Description:** The BA program in performance and movement is an inclusive, transdisciplinary degree program that encourages students to develop both collaborative approaches to learning and professional industry skills in the performing arts. This program is grounded in cultivating community practice through theatre and dance.

The bachelor's degree program is located within the ecosystem of Phoenix and enables students to understand, deconstruct and uplift diverse artistic modes across media and encourages the student to create a flexible degree program that intersects and engages these areas of interest. This degree program offers a number of focus areas: dance and theatre, social and partnership dance and Hip Hop arts.

**Dance and theatre ---** The dance and theatre focus area is designed for dancers who seek experience working with theatrical performance and acting, actors and performers who seek to balance text and voice work with movement exploration, and writers and directors who want to explore a wide range of approaches to live performance.

**Social and partnership dance ---** The social and partnership dance focus area is an innovative program that allows students to explore multiple styles and approaches in social and partnership dance both in formal classroom study and informal student-centered community events. The focus area seeks to prepare future Afro-Latin social and ballroom dance leaders with pedagogical, performance and community-building strategies to support the need for serving local and national community engagement in social dance as a means to create social transformation and change.

Hip Hop arts --- The Hip Hop focus area is designed for the student interested in melding intersectional embodied practice, social justice and Hip Hop culture by offering a critical look at the historical, social and practical application of Hip Hop scholarship and culture. The program focus spans various forms of Hip Hop artistry and expression through thought-provoking, in-studio courses and hands-on practical application and connects students with scholars and hip hop practitioners to embrace the interdisciplinary nature of Hip Hop arts: dance, music, visual and voice.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** Any math course that meets the MA designation.

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=HIPERMVBA~null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Students graduating with a BA in performance and movement will be able to apply creative processes in their art-making that reflect contemporary understandings of dance and theatre practices.
- Graduates will be able to execute the stages of long-range creative projects.
- Students graduating from the BA in performance and movement will be able to implement culturally sensitive, ethical and socially grounded teaching, facilitation, and community-building practices.

**Global Opportunities:**

Global Experience: With over 300 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad (<https://goglobal.asu.edu/>) is possible for all ASU students who wish to acquire global skills and knowledge in preparation for their career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs.

**Career Opportunities:** The bachelor's degree in performance and movement provides an excellent broad-based foundation for work in the arts or entertainment professions and readies students for further training at graduate schools or conservatories. The program's liberal arts emphasis combined with a focus on physical presence prepares graduates for a variety of occupations in both performance and nonperformance fields.

Opportunities may include work with:

- arts entrepreneurship
- professional performing
- studio ownership and management
- themed entertainment

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential

licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

**Contact Information:**

Design and the Arts, Herberger Institute for  
School of Music, Dance and Theatre  
<https://musicdancetheatre.asu.edu/degree-programs/performance-and-movement-ba>  
GHALL 232A  
mdtadmissions@asu.edu  
480-965-4206

## Theatre, BA (FATHEBA)

**Campus:** Tempe

**Program Description:** The BA program in theatre provides students with a hands-on theatre education within a broad range of academic opportunities. Every student is encouraged to develop their own creative skills through collaboration and to pursue a variety of areas of theatre and performance.

The program offers specialty coursework in the following areas:

- acting
- community engagement
- design and production
- directing
- dramatic literature and dramaturgy
- educational certification
- new work development
- theatre history
- theatre for youth
- voice and movement

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** Any math course that meets the MA designation.

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

Creative Enterprise and Cultural Leadership, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Transfer Admission Requirements: Direct transfer of courses from other accredited institutions to the Herberger Institute for Design and the Arts are subject to the existence of parallel and equal courses in the college's curriculum and subject to departmental or school evaluation of studio courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 hours in resident credit at ASU. Transfer students enrolled in the college

must complete a minimum of 15 hours of resident credit in the major as approved by the faculty.

**Change of Major Requirements:** An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FATHEBA-null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Apply key creative and artistic processes relevant to one's area of focus in theatre (design processes, historical research for production, development of performer skills with an eye toward production, etcetera)
- Execute the stages of long-range creative projects.
- Explain how theatre shapes the cultural and political landscapes of societies.

#### **Global Opportunities:**

Global Experience: Students studying theatre can find inspiration and deepen their understanding of theater through a study abroad program. Study abroad provides an opportunity for students to explore their creative side with an intercultural lens. Not only do the programs encourage students to build communication skills, they challenge them, as artists, to think differently.

With over 300 options available, Global Education (<https://goglobal.asu.edu>) programs give students a breadth of knowledge in arts and culture uniquely different from their own. Whether in a foreign country, in the U.S. or online, students are challenged to adapt and persevere and to look inside themselves in a way they haven't done before, growing their self-confidence along the way.

Vital qualities in the field of theater such as leadership, teamwork and communication can be developed and honed abroad. Students earn ASU credit for completed courses, while staying on track for graduation, and may apply financial aid and scholarships toward program costs.

**Career Opportunities:** The bachelor's degree program in theatre provides an excellent foundation for work in the arts and entertainment and prepares students for further training at graduate schools or conservatories.

The program's broad-range of academic opportunities prepares graduates for a variety of occupations in the entertainment industry. Opportunities may include work with:

- arts entrepreneurship
- concert venues
- corporate events
- literary agencies
- schools and training programs
- theatre and arts festivals
- theme parks

#### **Contact Information:**

Design and the Arts, Herberger Institute for  
School of Music, Dance and Theatre  
<https://musicdancetheatre.asu.edu/>  
GHALL 212  
mdtadmissions@asu.edu  
480-965-4206

## **Theatre (Acting), BA (FATHEABA)**

**Campus:** Tempe

**Program Description:** The BA program in theatre with a concentration in acting provides students with a hands-on education that emphasizes performance in both live theatre and recorded media. Within the context of a comprehensive liberal arts education, the program prepares students for advanced graduate study in the field and for entry-level careers in acting and performance. The program offers specialty coursework in the

following areas:

- acting for film, television and new media
- accent work
- devising
- intimacy direction/coordination
- movement
- new work development
- stage combat
- voice-over

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** Any math course that meets the MA designation.

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: Students interested in the BA in theatre with a concentration in acting are admitted directly into the major by indicating their degree preference on their ASU admission application.

Transfer Admission Requirements: Direct transfer of courses from other accredited institutions to the Herberger Institute for Design and the Arts are subject to the existence of parallel and equal courses in the college's curriculum and subject to departmental or school evaluation of studio courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 hours in resident credit at ASU. Transfer students enrolled in the college must complete a minimum of 15 hours of resident credit in the major as approved by the faculty.

**Change of Major Requirements:** An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FATHEABA-null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Apply, through performance, foundational creative processes of live theatre and film.
- Explain how theatre shapes the cultural and political landscapes of societies.
- Execute creative projects/performances targeting the area of live performance and creation fitting student's career plans.

**Global Opportunities:**

Global Experience: Students studying theatre can find inspiration and deepen their understanding of theater through a study abroad program. Study abroad provides an opportunity for students to explore their creative side with an intercultural lens. Not only do the programs encourage students to build communication skills, they challenge them, as artists, to think differently.



With over 300 options available, Global Education (<https://goglobal.asu.edu>) programs give students a breadth of knowledge in arts and culture uniquely different from their own. Whether in a foreign country, in the U.S. or online, students are challenged to adapt and persevere and to look inside themselves in a way they haven't done before, growing their self-confidence along the way.

Vital qualities in the field of theater such as leadership, teamwork and communication can be developed and honed abroad. Students earn ASU credit for completed courses, while staying on track for graduation, and may apply financial aid and scholarships toward program costs.

**Career Opportunities:** The bachelor's degree program in theatre with a concentration in acting provides an excellent broad-based foundation for work in the profession. It prepares students for advanced graduate study and independent career pursuits in performance. It offers students advanced study that can lead to careers in professional theatre, film, television, media, education and other related arts disciplines.

**Contact Information:**

Design and the Arts, Herberger Institute for  
School of Music, Dance and Theatre  
<https://musicdancetheatre.asu.edu/>  
GHALL 212  
mdtadmissions@asu.edu  
480-965-4206

## Theatre (Design and Production), BA (FADSNPRBA)

**Campus:** Tempe

**Program Description:** This BA program in theatre with a concentration in design and production provides students with opportunities to hone their craft while creating exciting work onstage and in the classroom. The concentration provides each student the unique opportunity to explore their own creative process and ability to collaborate with others.

The program offers specialty coursework in the following areas:

- costume construction
- costume design and technology
- digital fabrication
- lighting design and stage electrics
- media design and technology
- properties construction
- scenic art and construction
- scenic design
- sound and media systems design
- sound design and technology
- stage management
- technical direction

In addition to building knowledge and skills, concentration students are mentored by professional designers and technicians to successfully transition from college to their future careers in entertainment design and production, or to graduate programs for additional training.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** Any math course that meets the MA designation.

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

subject to the existence of parallel and equal courses in the college's curriculum and subject to departmental or school evaluation of studio courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 credit hours in resident credit at ASU. Transfer students enrolled in the college must complete a minimum of 15 resident credit hours in the major as approved by the faculty.

**Change of Major Requirements:** An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FADSNPRBA~null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Apply individual creative and artistic processes relevant to their area of focus within theatre (production techniques, design processes, historical research for production, etc.)
- Use collaborative practices to solve complex problems; preparing, planning and communicating across areas of the theatre to successfully complete long-range creative projects.
- Explain how theatre shapes the cultural and political landscapes of societies.
- Develop a comprehensive toolkit for self-promotion and to showcase their production experiences.

#### **Global Opportunities:**

Global Experience: Study abroad can prepare a future professional in the arts not only with cultural experiences but also with professional skills like collaboration and problem-solving. Global Education programs (<https://goglobal.asu.edu/>) provide an opportunity for students to explore their creative side with an intercultural lens, encouraging them to build communication skills and challenging them, as artists, to think differently.

With over 300 options available, Global Education programs give students a breadth of knowledge in arts and culture uniquely different from their own. Whether in a foreign country, in the U.S. or online, students learn to adapt and persevere through a program that provides them with a chance to look inside themselves in a way they haven't done before, growing their self-confidence along the way.

**Career Opportunities:** The bachelor's degree program in theatre with a concentration in design and production provides an excellent foundation and specialized training for those who want to work as designers or technicians in the performing art and entertainment industries. Additionally, the program's liberal arts emphasis prepares graduates for further training in graduate schools.

#### **Contact Information:**

Design and the Arts, Herberger Institute for  
School of Music, Dance and Theatre  
<https://musicdancetheatre.asu.edu/degree-programs/theatre-design-and-production-ba>  
GHALL 212  
mdtadmissions@asu.edu  
480-965-4206

## **Theory and Composition (Composition), BMUS (FAMUSTCBM)**

**Campus:** Tempe

**Program Description:** Students pursuing the BMus in theory and composition must choose a concentration in either theory or composition.

In the concentration in composition, students focus on developing varied techniques for writing music for assorted genres and media including chamber, orchestra, electronic music, and film and video scoring.

The School of Music, Dance and Theatre offers students the opportunity to study with composers who have established national and international reputations.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** Any math course that meets the MA designation.

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: Important: Applicants must submit an ASU application for undergraduate admission in addition to a separate School of Music, Dance and Theatre application (<https://musicdancetheatre.asu.edu/admissions/music/undergraduate-steps-to-apply>). Admission to the School of Music, Dance and Theatre is based on a composition interview (<https://musicdancetheatre.asu.edu/admissions/music/undergraduate-auditions>). Interviews take place in November (spring admission) and in February (fall admission) of each year.

Admission to the music program is highly selective and based on an interview process. Students are admitted as music audition students and must successfully complete the composition interview before enrolling in music major courses. Upon admission to both ASU and the School of Music, Dance and Theatre, the applicant's major will be changed to music. In the event a student is admitted to ASU but not to the School of Music, Dance and Theatre or misses the audition deadline, the student will remain as a music audition major and will need to successfully pass the interview milestone in the first semester in order to gain admission into the program.

Application Deadlines: Students should review the complete music deadline (<https://musicdancetheatre.asu.edu/admissions/music/undergraduate-deadlines-fees>) information.

Spring admission: The deadline to apply for admission to this program is October 1.

Fall admission: The deadline to apply for admission to this program is December 1.

Transfer Admission Requirements: Transfer Applicants: Transfer of courses from other accredited institutions is subject to the existence of parallel and equal courses in the college's curriculum, and departmental or school evaluation of studio and class piano courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 hours in resident credit at ASU. Transfer students enrolled in the institute must complete a minimum of 15 resident credit hours in the major as approved by the faculty.

Application Deadlines: Students should review the complete music deadline (<https://musicdancetheatre.asu.edu/admissions/music/undergraduate-deadlines-fees>) information.

Spring admission: The deadline to apply for admission to this program is October 1.

Fall admission: The deadline to apply for admission to this program is December 1.

**Change of Major Requirements:** An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FAMUSTCBM~null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Analyze key creative and artistic processes from at least two musical styles and historical periods.

- Critique specific musical products within the context of a specific historic or cultural tradition.
- Apply theoretical understanding of musical techniques to composing music in varied styles.

#### **Global Opportunities:**

Global Experience: Music transcends language and cultural boundaries, and students deepen their understanding of composition through unique study abroad (<https://goglobal.asu.edu/>) experiences. Students gain an enhanced understanding of how music affects culture and how they can communicate globally through their compositions.

With more than 300 programs around the world, students can build the experience most suited to their personal goals and skill sets. More information on available programs can be found on the Global Education website.

**Career Opportunities:** Graduates are prepared to work in various professional or entrepreneurial capacities, including:

- arranging
- composing
- performing in community and professional ensembles in a variety of styles and traditions
- serving as an artist-in-residence in school programs
- teaching in a private studio and community program
- teaching theory and composition
- working in music-related fields such as media production, music business, publishing and marketing

Many graduates pursue a master's degree or a doctorate in music or in another professional field.

#### **Contact Information:**

Design and the Arts, Herberger Institute for

School of Music, Dance and Theatre

<https://musicdancetheatre.asu.edu/degree-programs/theory-and-composition-composition-bmus>

MUSIC E167

MDTAdmissions@asu.edu

480-965-5069

## **Theory and Composition (Theory), BMUS (FAMUSTTBM)**

**Campus:** Tempe

**Program Description:** Students pursuing the BMus in theory and composition must choose a concentration in either theory or composition.

Theory students take courses that explore various facets of the discipline. These include tonal harmony, music perception, formal analysis, counterpoint, topics in 20th and 21st century music, popular music and jazz analysis.

Students work with theory faculty whose research encompasses music cognition, tonal music, timbre, embodiment, popular music and computational analysis.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** Any math course that meets the MA designation.

**Program Math Intensity:** General

#### **Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

#### **Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: Important: Applicants must submit an ASU application for undergraduate admission in addition to a separate School of Music, Dance and Theatre application (<https://musicdancetheatre.asu.edu/admissions/music/undergraduate-steps-to-apply>). Admission to the School of Music, Dance and Theatre is based on an audition. Auditions (<https://musicdancetheatre.asu.edu/admissions/music/undergraduate-2023-24>)

auditions) take place in November (spring admission) and in January and February (fall admission) of each year.

Admission to the music program is highly selective and based on an audition process. Students are admitted as music audition students and must successfully complete the audition before enrolling in music major courses. Upon admission to both ASU and the School of Music, Dance and Theatre, the applicant's major will be changed to music. In the event a student is admitted to ASU but not to the School of Music, Dance and Theatre or misses the audition deadline, the student will remain as a music audition major and will need to successfully pass the music audition milestone in the first semester in order to gain admission into the program.

Application Deadlines: Students should review the complete music deadline (<https://musicdancetheatre.asu.edu/admissions/music/undergraduate-deadlines-fees>) information.

Spring admission: The deadline to apply for admission to this program is October 15.

Fall admission: The deadline to apply for admission to this program is January 5.

Transfer Admission Requirements: Transfer Applicants: Transfer of courses from other accredited institutions is subject to the existence of parallel and equal courses in the college's curriculum, and departmental or school evaluation of studio and class piano courses with respect to performance standards.

Every candidate for the bachelor's degree must earn a minimum of 30 hours in resident credit at ASU. Transfer students enrolled in the institute must complete a minimum of 15 resident credit hours in the major as approved by the faculty.

Application Deadlines: Students should review the complete music deadline (<https://musicdancetheatre.asu.edu/admissions/music/undergraduate-deadlines-fees>) information.

Spring admission: The deadline to apply for admission to this program is October 15.

Fall admission: The deadline to apply for admission to this program is January 5.

**Change of Major Requirements:** An ASU student who would like to change majors to one offered by the Herberger Institute for Design and the Arts must have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A").

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FAMUSTTBM~null + &college=CHI>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Analyze key creative and artistic processes from at least two musical styles and historical periods.
- Critique specific musical products within the context of a specific historic or cultural tradition.
- Conduct scholarly research on topics in music theory resulting in scholarly papers and/or presentations.

#### **Global Opportunities:**

Global Experience: Music transcends language and cultural boundaries; students deepen their understanding of music theory through unique study abroad experiences (<https://goglobal.asu.edu/>). They gain an enhanced understanding of how music affects culture and how they can communicate globally through music.

With more than 300 programs around the world, students can build the experience most suited to their personal goals and skill sets.

**Career Opportunities:** Graduates are prepared to work in various professional capacities, including:

- arts administration
- arranging
- composing

- performing in community and professional ensembles in a variety of styles and traditions
- working in music-related fields such as media production, music business, publishing and marketing
- teaching theory and composition
- teaching in a private studio or community program

Many graduates pursue a master's degree or a doctorate in music or in another professional field.

**Contact Information:**

Design and the Arts, Herberger Institute for  
School of Music, Dance and Theatre

<https://musicdancetheatre.asu.edu/degree-programs/theory-and-composition-theory-bmus>

MUSIC E167

MDTAdmissions@asu.edu

480-965-5069

## Engineering, Ira A. Fulton Schools of

### Aeronautical Management Technology (Air Traffic Management), BS (ESAMTATBS)

**Campus:** Polytechnic

**Program Description:** The BS program in aeronautical management technology with a concentration in air traffic management provides a technical foundation in the air traffic control procedures used by air traffic controllers in control towers and radar facilities.

Students gain a strong background in aircraft operations, management skills and business principles through coursework specific to air traffic control and aviation. As part of the degree program, students are required to take courses that will qualify them to earn their airline dispatcher certificate.

This is an intensive program of classroom study and laboratory practice using state-of-the-art air traffic control simulators to enhance and reinforce classroom study. Students receive training in the methodologies and technologies that are currently being developed for the next generation of air traffic control systems. Students develop the skills of analytical thinking, clear and concise communication, problem-solving and teamwork.

ASU is a partner in the FAA Air Traffic Collegiate Training Initiative and is accredited by the Aviation Accreditation Board International.

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 170 - Precalculus

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Technology (Aviation Management and Human Factors), MSTech

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Additional Requirements:** To be considered for employment by the Federal Aviation Administration, graduates of the program need to be aware of minimum requirements for employment. Students should see [https://www.faa.gov/jobs/career\\_fields/aviation\\_careers](https://www.faa.gov/jobs/career_fields/aviation_careers) ([https://www.faa.gov/jobs/career\\_fields/aviation\\_careers/](https://www.faa.gov/jobs/career_fields/aviation_careers/)) for more information. Graduates of the program are not guaranteed employment by the Federal Aviation Administration. Students who do not have U.S. citizenship may be admitted to the program but are not eligible for employment by the Federal Aviation Administration.

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESAMTATBS-null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Global Opportunities:**

**Global Experience:** With over 300 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire a global perspective and knowledge in preparation for a future-focused career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. More information on available programs can be found on the Global Education Office website (<https://goglobal.asu.edu/>).

**Career Opportunities:** The Federal Aviation Administration's 2020 Controller Workforce Plan projects that the agency plans to hire more than 8,500 new controllers by 2029 to keep pace with the expected attrition rate and traffic growth. The total number of planned hires for the period 2019 to 2029 is 9,596 new controllers. The increase in the volume of air traffic requires more controllers to handle the additional work. New computerized systems assist controllers by automatically making many of the routine decisions, allowing controllers to handle more traffic and thus increasing their productivity.

Despite the obvious demand for new controllers in the immediate future, competition to get into the FAA-approved training programs is expected to remain intense as there generally are many more applicants than there are openings. Graduates who have met all the FAA requirements are eligible for consideration for employment.

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

Students should note that not all programs within the Fulton Schools of Engineering lead to professional licensure.

#### **Contact Information:**

Engineering, Ira A. Fulton Schools of  
Aviation Programs

<https://poly.engineering.asu.edu/aviation/>

SUTON 240

[polyadvising@asu.edu](mailto:polyadvising@asu.edu)

480-727-1874

## **Aeronautical Management Technology (Air Transportation Management), BS (TSAMTMBS)**

**Campus:** Polytechnic

**Program Description:** The air transportation management concentration of the BS program in aeronautical management technology provides students with a strong foundation of aviation concepts, including airline administration, airport planning, aviation law, policy and human factors as well as technical knowledge focusing on power plants, structures and aerodynamics. Students progress into courses on the business and management and operational aspects of aviation such as airline administration and airport planning. All students finish the program by participating in an internship within industry and completing a capstone project.

This program prepares students for leadership positions within airlines, airports, government, consulting and entrepreneurial enterprises.

The Aviation Accreditation Board International accredits this program.

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 170 - Precalculus

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Technology (Aviation Management and Human Factors), MSTech

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TSAMTMB5--null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

**Global Experience:** The aviation industry is a global one, and understanding intercultural communication is vital to succeeding in it. Through the rich educational and interpersonal experiences inherent in study abroad, students learn to thrive in a global environment.

With over 300 Global Education program opportunities (<https://goglobal.asu.edu/>) available, students are able to tailor their experience to their unique interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

A resume enhanced by the valuable study abroad experience will impress prospective employers, and it also will help the student stand out should they decide to pursue advanced study.

**Career Opportunities:** Graduates with a degree in air transportation management are prepared for these careers:



- airline management
- airline operations management
- airport management
- aviation consulting
- entrepreneurial ventures
- fixed based operations
- general aviation operations management
- governmental positions with the Federal Aviation Administration, Department of Transportation and National Transportation Safety Board

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

Students should note that not all programs within the Fulton Schools of Engineering lead to professional licensure.

**Contact Information:**

Engineering, Ira A. Fulton Schools of  
Aviation Programs  
<https://poly.engineering.asu.edu/aviation/air-transportation-management/>  
SUTON 240  
polyadvising@asu.edu  
480-727-1874

## Aeronautical Management Technology (Professional Flight), BS (TSAMTFBS)

**Campus:** Polytechnic

**Program Description:** Students in the professional flight concentration of the BS program in aeronautical management technology learn to fly in an academic environment that prepares graduates for careers as professional pilots.

Flight training is offered by an ASU-approved flight provider in late-model aircraft equipped with state-of-the-art avionics.

Students may take advantage of pathway agreements for guaranteed interviews with regional air carriers.

This program is for students who are seriously interested in becoming professional airline pilots. Graduates are prepared to assume responsibilities in a wide variety of technically related areas within professional aviation flight operations.

The Aviation Accreditation Board International accredits this program and the Federal Aviation Administration certifies flight and ground instruction.

Additional course-related fees apply; students should see the program website for more information.

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 170 - Precalculus

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Technology (Aviation Management and Human Factors), MSTech

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply

(<https://acceleratedmasters.asu.edu/how-apply>).

#### **Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Additional Requirements:** This major has additional admission requirements (<https://poly.engineering.asu.edu/aviation/professional-flight-bs/secondary-application-process>) including Federal Aviation Administration requirements. Students are admitted to the preprofessional status and must complete additional requirements for admission to the professional program.

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® ([https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TSAMTFBS-null + &college=CES](https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TSAMTFBS-null+%&college=CES)) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Global Opportunities:**

**Global Experience:** Aviation is a global industry, and understanding intercultural communication is vital to succeeding in it. Study abroad programs (<https://goglobal.asu.edu/>), offered around the globe, give insight toward the study of professional flight. Students can further their skills in communication and administration and gain commercial experience while in an international setting.

**Career Opportunities:** The professional flight concentration offers students private pilot, commercial pilot and flight instructor certificates as well as instrument pilot, instrument instructor and multiengine pilot ratings. With these flight qualifications and the technically based bachelor's degree, the graduate has a wide variety of career opportunities, including flight crew service on commercial and business aircraft as an airline or corporate pilot.

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

Students should note that not all programs within the Fulton Schools of Engineering lead to professional licensure.

#### **Contact Information:**

Engineering, Ira A. Fulton Schools of

Aviation Programs

<https://poly.engineering.asu.edu/aviation/professional-flight-bs/>

SUTON 240

[polyadvising@asu.edu](mailto:polyadvising@asu.edu)

480-727-1874

## **Aeronautical Management Technology (Unmanned Aerial Systems), BS (TSAMTUASBS)**

**Campus:** Polytechnic

**Program Description:** The unmanned aerial systems concentration of the BS program in aeronautical management technology prepares students for careers in the rapidly growing area of unmanned aerial systems, including operations, remote sensing, data collection and analysis.

The concentration incorporates all aviation management technology core courses and unmanned aerial systems concentration courses. This provides an overview of unmanned aerial systems operations followed by detailed knowledge of unmanned aerial systems-specific systems and technology (ground control stations; data links; flight planning and operations; search, detect and avoid technologies; and payloads) and unmanned aerial systems sensor operations. A critical aspect of this academic area of study is the data capture and transfer of the sensor information collected from the unmanned aerial vehicle.

This innovative concentration brings together the most up-to-date and relevant aspects facing multiple industries today by addressing flight system planning and operations and the employment of the systems in the congested National Airspace System.

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 170 - Precalculus

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Technology (Aviation Management and Human Factors), MSTech

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TSAMTUASBS-null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Use of unmanned aerial systems is happening all across the globe. Students participating in a study abroad experience learn a great deal about global practices, laws, and emerging technologies within the aviation field.

Study abroad programs (<https://goglobal.asu.edu/>), offered by ASU in more than 65 countries, further students' global thinking and increases their communication and problem-solving skills, to prepare them for their career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs.

**Career Opportunities:** Students graduating from this program are ready to find various employment opportunities as unmanned aerial vehicle pilots and sensor operators in the U.S. and throughout the world. This concentration prepares students to operate small to mid-range platforms that are used by emergency responders, forestry, agriculture, energy and oil, and other similar industries. Entry-level pay is competitive for this highly specialized field.

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

Students should note that not all programs within the Fulton Schools of Engineering lead to professional licensure.

**Contact Information:**

Engineering, Ira A. Fulton Schools of  
Aviation Programs  
<https://poly.engineering.asu.edu/aviation/unmanned-aerial-systems-bs/>  
SUTON 240  
polyadvising@asu.edu  
480-727-1874

## Aerospace Engineering (Aeronautics), BSE (ESAEROBSE)

**Campus:** Tempe

**Program Description:** The aerospace engineering curriculum provides students with an education in technological areas critical to the design and development of aerospace vehicles and systems. The aeronautics concentration under the BSE program in aerospace engineering emphasizes engineering and the design of aircraft, helicopters, missiles and other vehicles that fly through the atmosphere.

Topics in required courses cover aerodynamics, aerospace materials, aircraft structures, flight mechanics, propulsion, and stability and control. Required aeronautics topics include altitude control and orbital mechanics.

Students in the aerospace engineering program are expected to attain the following outcomes:

- an ability to identify, formulate and solve complex engineering problems by applying principles of engineering, science and mathematics
- an ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental and economic factors
- an ability to communicate effectively with a range of audiences
- an ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental and societal contexts
- an ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks and meet objectives
- an ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions
- an ability to acquire and apply new knowledge as needed, using appropriate learning strategies

Accredited by the Engineering Accreditation Commission of ABET, <https://www.abet.org> (<https://www.abet.org/>).

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 265 - Calculus for Engineers I

**Program Math Intensity:** Substantial

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

- Aerospace Engineering, MS
- Mechanical Engineering, MS
- Robotics and Autonomous Systems (Mechanical and Aerospace Engineering), MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university admission standards. International students may have an additional English language proficiency (<https://admission.asu.edu/international/undergrad/english-proficiency>) criterion. International students must meet the same admission requirements shown below with the possible additional requirement of a minimum English proficiency test score. If the university requires an English proficiency test score from the applicant, then admission to engineering requires a minimum TOEFL iBT score of 79 (internet-based test, taken in a testing center), a minimum IELTS score of 6.5, a minimum PTE score of 58, or a minimum Duolingo English score of 105.

First-year admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score or minimum high school cumulative GPA of 3.00 in ASU competency courses or class ranking in top 25% of high school class, and
- no high school math or science competency deficiencies

Transfer Admission Requirements: Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or a minimum high school GPA of 3.00 in ASU competency courses, or class ranking in top 25% of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary or the secondary criteria (not both):

Primary Criteria

- minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- no high school math or science competency deficiencies (if Admission Services requires submission of a high school transcript)

Secondary Criteria

- minimum transfer GPA of 2.75 for 24 or more transfer credit hours, and
- minimum GPA of 2.75 in all critical courses: MAE 201, MAE 202, MAE 213 and MAE 242

**Change of Major Requirements:** Admission requirements (<https://engineering.asu.edu/admission-requirements>) for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESAEROBSE~null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: With over 300 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad (<https://goglobal.asu.edu/>) is possible for all ASU students. Study abroad programs offer students a global perspective and knowledge, skills that prepare them to lead in their chosen career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs.

The Ira A. Fulton Schools of Engineering recommends these programs (<https://goglobal.asu.edu/students/major/SEMTE/aerospace-engineering>) for students majoring in aerospace engineering.

**Career Opportunities:** The majority of students entering the field of aerospace engineering desire to work on the design and analysis of aerospace vehicles. Most graduates are employed in the aerospace industry or in government positions related to aerospace. Specific careers in aerospace engineering include:

- aeronautical and space systems integration
- configuration development
- material and structural design
- propulsion engineering
- space mission design and analysis
- vehicle and component analysis using computer-aided tools
- vehicle design and performance

- wind tunnel and flight testing

The aerospace engineering program has the following educational objectives:

Through activities such as volunteering, entrepreneurial endeavors, community service, and their employment, graduates of the aerospace engineering program will demonstrate commitment to the Sun Devil ideals of global engagement, social embeddedness, social transformation and sustainability.

Graduates of the aerospace engineering program should have attained one or more of the following objectives within a few years after earning their degree:

- employment in aerospace or other field in a position that capitalizes on the skills and abilities gained through the degree in aerospace engineering, in positions of increasing responsibility and leadership within the organization
- admission into a graduate degree program in aerospace engineering or other technical field
- admission into a professional degree program, such as law or business, in accordance with the specific interests and abilities of the graduate

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

Students should note that not all programs within the Fulton Schools of Engineering lead to professional licensure.

**Contact Information:**

Engineering, Ira A. Fulton Schools of  
 Mechanical and Aerospace Engineering Program  
<https://semte.engineering.asu.edu/aerospace-engineering-bse/>  
 ECG 202  
 semte@asu.edu  
 480-965-2335

## Aerospace Engineering (Astronautics), BSE (ESAEASBSE)

**Campus:** Tempe

**Program Description:** The BSE program in aerospace engineering provides students with an education in technological areas critical to the design and development of aerospace vehicles and systems.

The astronautics concentration curriculum covers:

- attitude determination and control
- elective topics in aeronautics
- gas dynamics
- orbital mechanics
- rocket propulsion
- space environment
- space structures
- telecommunications

Students in the astronautics concentration culminate their major study with a capstone design project that incorporates the multiple disciplines involved in the creation of a space-going vehicle.

Students in the aerospace engineering program are expected to attain the following outcomes:

- an ability to identify, formulate and solve complex engineering problems by applying principles of engineering, science and mathematics
- an ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental and economic factors
- an ability to communicate effectively with a range of audiences
- an ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental and societal contexts
- an ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks and meet objectives
- an ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions
- an ability to acquire and apply new knowledge as needed, using appropriate learning strategies

Accredited by the Engineering Accreditation Commission of ABET, <https://www.abet.org> (<https://www.abet.org>).

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 265 - Calculus for Engineers I

**Program Math Intensity:** Substantial

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Aerospace Engineering, MS

Mechanical Engineering, MS

Robotics and Autonomous Systems (Mechanical and Aerospace Engineering), MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university admission standards. International students may have an additional English language proficiency (<https://admission.asu.edu/international/undergrad/english-proficiency>) criterion. International students must meet the same admission requirements shown below with the possible additional requirement of a minimum English proficiency test score. If the university requires an English proficiency test score from the applicant, then admission to engineering requires a minimum TOEFL iBT score of 79 (internet-based test, taken in a testing center), a minimum IELTS score of 6.5, a minimum PTE score of 58, or a minimum Duolingo English score of 105.

First-year admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score or a minimum high school cumulative GPA of 3.00 in ASU competency courses or class ranking in top 25% of high school class, and
- no high school math or science competency deficiencies

Transfer Admission Requirements: Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or a minimum high school cumulative GPA of 3.00 in ASU competency courses, or class ranking in top 25% of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary or the secondary criteria (not both):

Primary Criteria

- minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- no high school math or science competency deficiencies (if Admission Services requires submission of a high school transcript)

Secondary Criteria

- minimum transfer GPA of 2.75 for 24 or more transfer credit hours, and
- minimum GPA of 2.75 in all critical courses: MAE 201, MAE 202, MAE 213 and MAE 242

**Change of Major Requirements:** Admission requirements (<https://engineering.asu.edu/admission-requirements>) for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESAEASBSE-null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Apply principles of mathematics and science to solve complex engineering problems (ABET Outcome)
- Apply engineering design to a student project with consideration of public welfare/other factors (ABET Outcome)
- Develop and conduct engineering experiments, and analyze and interpret data (ABET Outcome).

#### **Global Opportunities:**

Global Experience: With over 300 programs in more than 65 countries (programs vary in duration, from one week to one year), participation in Global Education programs (<https://goglobal.asu.edu/>) is possible for all ASU students. Study abroad helps students gain a global perspective and knowledge, preparing them for leading in a forward-thinking career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs.

The Ira A. Fulton Schools of Engineering recommends these programs (<https://goglobal.asu.edu/students/major/SEMTE/aerospace-engineering>) for students majoring in aerospace engineering.

**Career Opportunities:** The majority of students entering the field of aerospace engineering desire to work on the design and analysis of aerospace vehicles. Most graduates are employed in the aerospace industry or in government positions related to aerospace. Specific careers in aerospace engineering include:

- aeronautical and space systems integration
- configuration development
- material and structural design
- propulsion engineering
- space mission design and analysis
- vehicle and component analysis using computer-aided tools
- vehicle design and performance
- wind tunnel and flight testing

The aerospace engineering program has the following educational objectives:

Through volunteering, entrepreneurial endeavors, community service, their employment, etc., graduates of the aerospace engineering program demonstrate commitment to the Sun Devil ideals of global engagement, social embeddedness, social transformation and sustainability.

Graduates of the aerospace engineering program should have attained one or more of the following objectives within a few years after completing their degrees:

- employment in aerospace or other field in a position that capitalizes on the skills and abilities gained through the degree in aerospace engineering, in positions of increasing responsibility and leadership within their organization
- admission into a graduate degree program in aerospace engineering or other technical field
- admission into a professional degree program, such as law or business, in accordance with the specific interests and abilities of the graduate

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

#### **Contact Information:**

Engineering, Ira A. Fulton Schools of  
Mechanical and Aerospace Engineering Program  
<https://semte.engineering.asu.edu/aerospace-engineering-bse/>  
ECG 202  
semte@asu.edu



## Aerospace Engineering (Autonomous Vehicle Systems), BSE (ESAEAVSBSE)

**Campus:** Tempe

**Program Description:** Emerging emphasis on autonomous aircraft technology and operations in military and civilian sectors signals a new era within the aeronautical community focused on autonomous vehicles and systems.

The BSE program in aerospace engineering with a concentration in autonomous vehicle systems provides graduates with knowledge and skills required for any career in aerospace engineering plus those specific to unmanned aerial vehicles and systems.

The curriculum is structured so students have general exposure to the engineering of autonomous aircrafts.

Students in the aerospace engineering program are expected to attain the following outcomes:

- an ability to identify, formulate and solve complex engineering problems by applying principles of engineering, science and mathematics
- an ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental and economic factors
- an ability to communicate effectively with a range of audiences
- an ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental and societal contexts
- an ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks and meet objectives
- an ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions
- an ability to acquire and apply new knowledge as needed, using appropriate learning strategies

All paths through this concentration satisfy accreditation criteria for aerospace engineering.

Accredited by the Engineering Accreditation Commission of ABET; <http://www.abet.org> (<http://www.abet.org>).

### **STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 265 - Calculus for Engineers I

**Program Math Intensity:** Substantial

### **Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

### **Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Aerospace Engineering, MS

Mechanical Engineering, MS

Robotics and Autonomous Systems (Mechanical and Aerospace Engineering), MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

### **Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university admission standards. International students may have an additional English language proficiency (<https://admission.asu.edu/international/undergrad/english-proficiency>) criterion. International students must meet the same admission requirements shown below with the possible additional requirement of a minimum English proficiency test score. If the university requires an English proficiency test score from the applicant, then admission to engineering requires a minimum TOEFL iBT score of 79 (internet-based test, taken in a testing center), a minimum IELTS score of 6.5, a minimum PTE score of 58, or a minimum Duolingo English score of 105.

**Freshman Admission:**

- minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score or a minimum high school cumulative GPA of 3.00 in ASU competency courses or class ranking in top 25% of high school class, and
- no high school math or science competency deficiencies

Transfer Admission Requirements: Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or a minimum high school cumulative GPA of 3.00 in ASU competency courses, or class ranking in top 25% of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary or the secondary criteria (not both):

**Primary Criteria**

- minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- no high school math or science competency deficiencies (if Admission Services requires submission of a high school transcript)

**Secondary Criteria**

- minimum transfer GPA of 2.75 for 24 or more transfer credit hours, and
- minimum GPA of 2.75 in all critical courses: MAE 201, MAE 202, MAE 213 and MAE 242

**Change of Major Requirements:** Admission requirements (<https://engineering.asu.edu/admission-requirements>) for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESAEAVSBSE~null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: With more than 300 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad (<https://goglobal.asu.edu/>) is possible for all ASU students. Study abroad programs offer students a global perspective and knowledge, preparing them to lead in their chosen career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs.

The Ira A. Fulton Schools of Engineering recommends these programs (<https://goglobal.asu.edu/students/major/SEMTE/aerospace-engineering>) for students majoring in aerospace engineering.

**Career Opportunities:** Graduates with a degree in this concentration are prepared for a career in the aerospace industry, focusing on unmanned vehicles.

The aerospace engineering program has the following program educational objectives:

Through activities such as volunteering, entrepreneurial endeavors, community service, and employment, graduates of the aerospace engineering program will demonstrate commitment to the Sun Devil ideals of global engagement, social embeddedness, social transformation and sustainability.

Graduates of the aerospace engineering program should have attained one or more of the following objectives within a few years after completing their degrees:

- employment in aerospace or other field in a position that capitalizes on the skills and abilities gained through the degree in aerospace engineering, in positions of increasing responsibility and leadership within the organization
- admission into a graduate degree program in aerospace engineering or other technical field
- admission into a professional degree program, such as law or business, in accordance with the specific interests and abilities of the graduate

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

Students should note that not all programs within the Fulton Schools of Engineering lead to professional licensure.

**Contact Information:**

Engineering, Ira A. Fulton Schools of  
Mechanical and Aerospace Engineering Program  
<https://semte.engineering.asu.edu/aerospace-engineering-bse/>  
ECG 202  
semte@asu.edu  
480-965-2335

## Applied Science (Aviation), BAS (TSAMTABAS)

**Campus:** Polytechnic

**Program Description:** The concentration in aviation within the BAS in applied science is for students who have received training and education in some aspect of the air transportation industry, such as air transportation management, flight, or aviation maintenance, as part of their associate degree. Students receive an orientation in management practices.

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** Any math course with the MA general studies designation will satisfy the math requirement.

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Additional Requirements:** Students applying to this program must have completed an Associate of Applied Science degree from a regionally accredited institution. This program is not available to freshmen.

**Transfer Admission Requirements:** This BAS program in applied science allows students who have an applicable AAS from an accredited institution to transfer 60 credit hours toward a Bachelor of Applied Science at ASU. Students pursuing this degree may have more than 60 credit hours to complete in order to obtain their BAS upon transfer to ASU. Students who have earned an Associate of Applied Science degree from a regionally accredited Arizona community college may be eligible to transfer up to 75 credits toward the BAS degree. Students should work with their academic advisor to ensure their courses meet degree requirements.

**Change of Major Requirements:** Students interested in changing to this Bachelor of Applied Science program must have completed a related Associate of Applied Science degree at a regionally accredited college.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use

MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TSAMTABAS--null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Aviation is a global industry, and understanding intercultural communication is vital to succeeding in it. Study abroad programs (<https://goglobal.asu.edu/>), offered around the globe, give students insight toward the study of aviation. Students can further their skills in communication and administration and gain commercial experience while in an international setting. Students earn ASU credit for completed courses, while staying on track for graduation, and may apply financial aid and scholarships toward program costs.

**Career Opportunities:** Graduates are prepared for advanced positions in the aviation management field including:

- airline manager
- airline operations manager
- airport manager
- aviation consulting
- entrepreneurial ventures
- fixed based operations
- general aviation operations manager
- governmental positions with the Federal Aviation Administration, Department of Transportation and National Transportation Safety Board

**Contact Information:**

Engineering, Ira A. Fulton Schools of  
Aviation Programs  
<https://poly.engineering.asu.edu/aviation/>  
SUTON 240  
polyadvising@asu.edu  
480-727-1874

## Applied Science (Graphic Information Technology), BAS (TSGITBAS)

**Campus:** Polytechnic, Online

**Program Description:** The cross-media nature of the graphics industry requires tomorrow's graduates to understand the full spectrum of visual design and production as well as current business practices.

The BAS program with a concentration in graphic information technology prepares students to become visual design technologists with skills in front-end web design and development, printing and digital publishing, commercial photography and video production, and motion graphics and visual effects. This is an intensive program of study emphasizing theory and hands-on laboratory practice.

The graphic information technology program allows students who have an applicable AAS from an accredited institution to transfer 60 credit hours toward a Bachelor of Applied Science degree at ASU. Students pursuing this degree may have more than 60 credit hours to complete in order to obtain their Bachelor of Applied Science upon transfer to ASU. Students who have earned an Associate of Applied Science degree from a regionally accredited Arizona community college may be eligible to transfer up to 75 credits toward the Bachelor of Applied Science degree. Students should work with their academic advisor to ensure their courses will meet degree requirements.

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** Y

**Second Language Requirement:** N

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap

in curriculum.

### **Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

Graphic Information Technology, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

### **Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: Students applying to this program must have completed an Associate of Applied Science degree in a similar field such as animation, desktop publishing, digital arts, digital photography, eLearning design, game technology, graphic design, video production technology or web design..

**Change of Major Requirements:** Students interested in changing to this Bachelor of Applied Science degree must have completed a related Associate of Applied Science degree at a regionally accredited university in a similar program, such as graphic design, animation, visual communication, web design and development, commercial photography and video.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

### **Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/graphic-information-technology-bas/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TSGITBAS~null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

### **Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Synthesize technical information into written and visual documentation for cross-media projects.
- Sketch solutions to cross-media problems utilizing industry-standard workflows.
- Implement appropriate industry-standard tools and techniques for managing complex cross-media projects.

### **Global Opportunities:**

Global Experience: Students learn intercultural applications of design and technology skills through hands-on learning and cultural engagement opportunities in an international setting. Through the rich educational and interpersonal experiences inherent in study abroad, students learn to thrive in a global environment.

With over 300 Global Education program opportunities (<https://goglobal.asu.edu/>) available, students are able to tailor their experience to their unique interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

Students earn ASU credit for completed courses, while staying on track for graduation, and may apply financial aid and scholarships toward program costs.

A resume enhanced by the valuable study abroad experience will impress prospective employers and it will also help the student stand out should they decide to pursue advanced study.

**Career Opportunities:** The graphic information technology program prepares graduates for technical and management positions in visual design in such diverse areas as:

- art direction
- commercial photography and video production
- front-end web design and development
- graphic design
- motion graphics, animation and game art
- premedia, digital printing and publishing
- production management
- quality assurance of graphic and visual design products
- technical and digital media production
- user experience design
- user interface design
- video editing
- visual design

**Contact Information:**

Engineering, Ira A. Fulton Schools of

Graphic Information Technology

<https://poly.engineering.asu.edu/git/bas-in-graphic-information-technology/>

SUTON 240

[polyadvising@asu.edu](mailto:polyadvising@asu.edu)

480-727-1874

## Applied Science (Internet and Web Development), BAS (TSIWDBAS)

**Campus:** Polytechnic, Online

**Program Description:** The BAS program with a concentration in internet and web development is an intensive program of study emphasizing hands-on laboratory practice. Students develop skills in front-end web design and development, including advanced web markup and scripting, user experience design, usability, multimedia design and emerging web technologies.

Students who have an applicable AAS from an accredited institution may transfer 60 credit hours toward a bachelor's degree at ASU, and students who have earned an AAS degree from a regionally accredited Arizona community college may be eligible to transfer up to 75 credits toward this program. Upon transfer to ASU in pursuit of this Bachelor of Applied Science, students may have more than 60 credit hours to complete. Students should work with their academic advisor to ensure their courses will meet degree requirements.

All courses for this program are available on campus and through ASU Online.

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** Y

**Second Language Requirement:** N

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

Graphic Information Technology, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: Students applying to this program must have completed an Associate of Applied Science degree in digital animation, graphic design, media arts, and web design or development.

**Change of Major Requirements:** Students interested in changing to this Bachelor of Applied Science degree must have completed a related Associate of Applied Science degree at a regionally accredited university.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-applied-science-internet-and-web-development/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TSIWDBAS-null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Apply industry-level knowledge of web design and development key concepts and best practices to provide web-based solutions
- Propose solutions to complex web design and development projects utilizing industry-standard tools and techniques
- Construct effective user interactions and system functionalities in web-based systems

**Global Opportunities:**

Global Experience: With over 300 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad (<https://goglobal.asu.edu/>) is possible for all ASU students who wish to acquire global skills and knowledge in preparation for their choice of career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs.

**Career Opportunities:** Graduates are prepared for careers in front-end website design and development, usability and user experience design, user interface design and visual design.

**Contact Information:**

Engineering, Ira A. Fulton Schools of  
Graphic Information Technology

<https://poly.engineering.asu.edu/bas-internet-and-web-development/>

SUTON 240  
polyadvising@asu.edu  
480-727-1874

## Applied Science (Operations Management), BAS (TSIMCOBAS)

**Campus:** Polytechnic, Online

**Program Description:** Graduates of the BAS program with a concentration in operations management are able to provide strategic focus and meet organizational objectives by implementing best practices, managing people and creating value.

Students who have an applicable AAS from an accredited institution to transfer 60 credit hours toward a bachelor's degree at ASU, and students who have earned an AAS degree from a regionally accredited Arizona community college may be eligible to transfer up to 75 credits toward this program. Upon transfer to ASU in pursuit of this Bachelor of Applied Science, students may have more than 60 credit hours to complete. Students should work with their academic advisor to ensure their courses will meet degree requirements.

### **STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** Any math course with the MA general studies designation will satisfy the math requirement.

**Program Math Intensity:** General

### **Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

### **Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: Students applying to this program must have completed an Associate of Applied Science degree from a regionally accredited institution. This program is not available for first-year students.

**Change of Major Requirements:** Students interested in changing to this Bachelor of Applied Science degree must have completed a related Associate of Applied Science degree at a regionally accredited institution.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

### **Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-applied-science-operations-management-technology/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TSIMCOBAS~null + &college=CES>) to outline a list of recommended courses to take prior to transfer.



ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Implement industrial management of technology, management of processes, and management of human capital.
- Demonstrate proficiency in collaborating with diverse team members through a professional team presentation that conveys innovation improvements for businesses or organizations.
- Apply systems thinking, data-driven decision making, and research to optimize decision(s) to solve complex problems for a variety of industries/organizations.
- Demonstrate proficiency in critical thinking by developing a strategic management plan that includes analysis of issues, assumptions, evidence, and implications.

**Global Opportunities:**

Global Experience: With over 300 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire a global perspective and knowledge in preparation for their chosen career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. More information is available on the Global Education website (<https://goglobal.asu.edu/>).

**Career Opportunities:** The bachelor's degree program in operations management technology prepares undergraduate students for supervisory and management functions in industry, manufacturing, public service and other service organizations.

**Contact Information:**

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<https://poly.engineering.asu.edu/tem/>  
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## Biomedical Engineering, BSE (ESBMEBSE)

**Campus:** Tempe, Online

**Program Description:** The BSE program in biomedical engineering provides in-depth knowledge to translate an idea for a health solution into a viable prototype of a biomedical device.

With knowledge gained from courses that cover engineering, life sciences, and that tie the two together, graduates are able to apply their skills in an ethical and a sustainable manner to make contributions that address societal and individual needs.

Accredited by the Engineering Accreditation Commission of ABET, <http://www.abet.org/> (<http://www.abet.org/>).

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 265 - Calculus for Engineers I

**Program Math Intensity:** Substantial

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

### **Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university admission standards. International students may have an additional English language proficiency (<https://admission.asu.edu/international/undergrad/english-proficiency>) criterion. International students must meet the same admission requirements shown below with the possible additional requirement of a minimum English proficiency test score. If the university requires an English proficiency test score from the applicant, then admission to engineering requires a minimum TOEFL iBT score of 79 (internet-based test, taken in a testing center), a minimum IELTS score of 6.5, a minimum PTE score of 58, or a minimum Duolingo English score of 105.

First-year admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score or a minimum high school cumulative GPA of 3.00 in ASU competency courses or class ranking in top 25% of high school class, and
- no high school math or science competency deficiencies

Transfer Admission Requirements: Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or a minimum high school cumulative GPA of 3.00 in ASU competency courses, or class ranking in top 25% of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary OR the secondary criteria (not both):

Primary Criteria

- minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- no high school math or science competency deficiencies (if Admission Services requires submission of a high school transcript)

Secondary Criteria

- minimum transfer GPA of 2.75 for 24 or more transfer hours, and
- minimum GPA of 3.00 in all critical courses for Terms 1 and 2 (see major map for critical courses)

**Change of Major Requirements:** Admission requirements (<https://engineering.asu.edu/admission-requirements/>) for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards. Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

### **Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/biomedical-engineering/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESBMEBSE~null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

### **Global Opportunities:**

Global Experience: Students studying biomedical engineering gain valuable hands-on experience when studying abroad, experience that enhances

their resumes. With over 300 programs available in a variety of countries around the world, Global Education programs (<https://goglobal.asu.edu/>) allow students to tailor their experience to their unique interests and skill sets. In a competitive field, they stand out with the heightened cultural competency and leadership and critical thinking skills they achieved from studying abroad.

**Career Opportunities:** Biomedical engineers are primarily employed in:

- governmental regulatory agencies
- hospital and research facilities
- medical and educational institutions
- medical device, biotechnology and pharmaceutical industries

In industry, they may work in all aspects of product development including:

- business development
- manufacturing
- marketing
- quality
- regulatory
- research and design
- sales

Because of their background in both the engineering and medical fields, they often serve a coordinating or interfacing function and provide a key role for transdisciplinary teams. Government positions may involve evaluating new technologies, testing product quality and safety and setting standards.

In the hospital, biomedical engineers serving in a clinical engineering function may provide advice on the selection and use of medical equipment and supervise performance testing and maintenance. Biomedical engineers may also build customized devices for special health care, rehabilitation or research needs.

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

Students should note that not all programs within the Fulton Schools of Engineering lead to professional licensure.

**Contact Information:**

Engineering, Ira A. Fulton Schools of  
Harrington Bioengineering Program  
<https://sbhse.engineering.asu.edu/>  
ECG 334  
[sbhse.advising@asu.edu](mailto:sbhse.advising@asu.edu)  
480-965-3028

## Biomedical Engineering (Biological Devices), BSE (ESBMEBDBSE)

**Campus:** Tempe

**Program Description:** The BSE program in biomedical engineering with a concentration in biological devices provides in-depth knowledge of cell biology and helps students learn to apply that knowledge to solve engineering problems pertinent to medicine and other fields, including synthetic biology.

The biomedical industry has many branches that require depth of understanding of cell biology and its techniques, including immunohistochemical diagnostics, blood-contacting materials, controlled-release therapeutics and local delivery of therapeutics.

With courses that cover engineering, life sciences and that tie the two together, graduates are able to apply their skills in an ethical and a sustainable manner to make contributions that address societal and individual needs.

Accredited by the Engineering Accreditation Commission of ABET, <http://www.abet.org/> (<http://www.abet.org/>).

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 265 - Calculus for Engineers I

**Program Math Intensity:** Substantial

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

Biomedical Engineering, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score or minimum high school GPA of 3.00 in ASU competency courses or class ranking in top 25% of high school class, and no high school math or science competency deficiencies

Transfer Admission Requirements: Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for fewer than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or a minimum high school cumulative GPA of 3.00 in ASU competency courses, or class ranking in top 25% of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary OR the secondary criteria (not both):

Primary Criteria

- minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- no high school math or science competency deficiencies (if Admission Services requires submission of a high school transcript)

Secondary Criteria

- minimum transfer GPA of 2.75 for 24 or more transfer hours, and
- minimum GPA of 3.00 in all critical courses for Terms 1 and 2 (see major map for critical courses)

**Change of Major Requirements:** Admission requirements (<https://engineering.asu.edu/admission-requirements/>) for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards. Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESBMEBDBSE~null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: With over 300 Global Education programs (<https://goglobal.asu.edu/>) in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a forward-thinking career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs.

**Career Opportunities:** Graduates of this program are well qualified for entry-level positions, including quality assurance, regulatory affairs and project management. Graduates are also highly qualified to seek advanced degrees if they wish to pursue research and design positions.

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

Students should note that not all programs within the Fulton Schools of Engineering lead to professional licensure.

**Contact Information:**

Engineering, Ira A. Fulton Schools of  
School of Biological & Health Systems Engineering  
<https://sbhse.engineering.asu.edu>  
ECG 334  
[sbhse.advising@asu.edu](mailto:sbhse.advising@asu.edu)  
480-965-3028

## Biomedical Engineering (Biomedical Devices), BSE (ESBMEMDBSE)

**Campus:** Tempe

**Program Description:** The BSE program in biomedical engineering with a concentration in biomedical devices provides in-depth knowledge to translate an idea for a health solution into a viable prototype of a biomedical device.

With knowledge gained from courses that cover engineering, life sciences, and that tie the two together, graduates are able to apply their skills in an ethical and a sustainable manner to make contributions that address societal and individual needs.

Accredited by the Engineering Accreditation Commission of ABET, <http://www.abet.org/> (<http://www.abet.org/>).

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 265 - Calculus for Engineers I

**Program Math Intensity:** Substantial

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

Biomedical Engineering, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score or minimum high school cumulative GPA of 3.00 in ASU competency courses or class ranking in top 25% of high school class, and no high school

math or science competency deficiencies

Transfer Admission Requirements: Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for fewer than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or a minimum high school GPA of 3.00 in ASU competency courses, or class ranking in top 25% of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary OR the secondary criteria (not both):

#### Primary Criteria

- minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- no high school math or science competency deficiencies (if Admission Services requires submission of a high school transcript)

#### Secondary Criteria

- minimum transfer GPA of 2.75 for 24 or more transfer hours, and
- minimum GPA of 3.00 in all critical courses for Terms 1 and 2 (see major map for critical courses)

**Change of Major Requirements:** Admission requirements (<https://engineering.asu.edu/admission-requirements/>) for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESBMEMDBSE~null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### Global Opportunities:

Global Experience: With over 300 programs in more than 65 countries (programs vary in length, from one week to one year), participating in a Global Education program (<https://goglobal.asu.edu/>) is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a forward-thinking career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs.

**Career Opportunities:** Graduates are well-qualified for entry level positions in the biomedical industry, including areas such as quality assurance, regulatory affairs and project management. Graduates also are highly qualified to seek advanced degrees if they wish to pursue research and design positions.

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

Students should note that not all programs within the Fulton Schools of Engineering lead to professional licensure.

#### Contact Information:

Engineering, Ira A. Fulton Schools of  
School of Biological & Health Systems Engineering  
<https://sbhse.engineering.asu.edu/>  
ECG 334  
sbhse.advising@asu.edu  
480-965-3028

## Chemical Engineering, BSE (ESCHEBSE)

**Campus:** Tempe

**Program Description:** Chemical engineering deals with the application of chemistry, physics and mathematics to the process of converting raw materials or chemicals into more useful or valuable forms. Chemical engineering also involves the design of valuable new materials and chemical products. The modern discipline of chemical engineering is intertwined with biology and biomedical engineering.

The BSE program offered in chemical engineering builds on a broad base of knowledge within the basic and mathematical sciences and engineering.

Accredited by the Engineering Accreditation Commission of ABET, <https://www.abet.org/> (<https://www.abet.org/>).

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 265 - Calculus for Engineers I

**Program Math Intensity:** Substantial

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Chemical Engineering, MS

Materials Science and Engineering, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university admission standards. International students may have an additional English language proficiency (<https://admission.asu.edu/international/undergrad/english-proficiency>) criterion. International students must meet the same admission requirements shown below with the possible additional requirement of a minimum English proficiency test score. If the university requires an English proficiency test score from the applicant, then admission to engineering requires a minimum TOEFL iBT score of 79 (internet-based test, taken in a testing center), a minimum IELTS score of 6.5, a minimum PTE score of 58, or a minimum Duolingo English score of 105.

First-year admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score or a minimum high school cumulative GPA of 3.00 in ASU competency courses or class ranking in top 25% of high school class, and
- no high school math or science competency deficiencies

Transfer Admission Requirements: Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or a minimum high school cumulative GPA of 3.00 in ASU competency courses, or class ranking in top 25% of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary or the secondary criteria (not both):

Primary Criteria

- minimum transfer GPA of 3.00 for 24 or more transfer credit hours, and
- no high school math or science competency deficiencies (if Admission Services requires submission of a high school transcript)

Secondary Criteria

- minimum transfer GPA of 2.75 for 24 or more transfer credit hours, and
- minimum GPA of 2.75 in all critical courses for Terms 1 and 2 (students should refer to the major map for critical courses)

**Change of Major Requirements:** Admission requirements (<https://engineering.asu.edu/admission-requirements>) for many majors in the Ira A.

Fulton Schools of Engineering are higher than university admission standards.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESCEBSE~null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Global Opportunities:**

Global Experience: Global Education programs (<https://goglobal.asu.edu/>) provide students an important opportunity to develop valuable skills and have valuable experiences which help to grow their self-confidence, develop their communication skills, and give them an advantage that they may not have had before.

Students learn intercultural applications of design and technology skills through hands-on learning and cultural engagement opportunities in an international setting. Participation in a Global Education program exposes students to unique environments and cultures, challenges them to adapt and persevere, helps them increase their professional and educational networks, and enhances their portfolio of experience through the kinds of hands-on research and community-based opportunities they will need in order to compete and succeed in today's challenging and quickly changing STEM fields.

The Ira A. Fulton Schools of Engineering recommend these programs (<https://goglobal.asu.edu/students/major/SEMTE/chemical-engineering>) for students majoring in chemical engineering.

**Career Opportunities:** Graduates are prepared for excellent career opportunities. Chemical engineers are engaged in the development and production of a diverse range of products, including high-performance materials needed for aerospace, automotive, biomedical, electronic and environmental applications. They have traditionally played a key role in industries as varied as:

- artificial fibers
- biotechnology
- ceramics
- food
- glass
- petrochemicals
- petroleum
- plastics
- primary metals
- semiconductors
- specialty chemicals

There are also many newer fields with great demand for chemical engineering graduates, such as biomedical engineering, modern materials science (composites, superconductors) and the solution of environmental problems.

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

Students should note that not all programs within the Fulton Schools of Engineering lead to professional licensure.

#### **Contact Information:**

Engineering, Ira A. Fulton Schools of  
Chemical Engineering Program

<https://semte.engineering.asu.edu/chemical-engineering-bse/>

ECG 202

[semte@asu.edu](mailto:semte@asu.edu)

480-965-2335

## **Civil Engineering, BSE (ESCEEBSE)**

**Campus:** Tempe

**Program Description:** Civil engineering majors in the Ira A. Fulton Schools of Engineering have two choices within the accredited BSE program: civil engineering and civil engineering with the sustainable engineering concentration. Regardless of choice, the Bachelor of Science in Engineering



in civil engineering is accredited by ABET.\*

Civil engineering involves the analysis, planning, design, construction, maintenance and application of sustainable practices in all areas of urban infrastructure for government, commerce, industry and the public domain. These include airports, bridges, canals, dams, factories, office towers, roadway systems, schools, tunnels and subway systems and water purification facilities. Civil engineers are concerned with the impact their projects have on the public and the environment; they coordinate the needs of society with technical and economic feasibility.

The curriculum exposes students to the following areas of civil engineering, with a strong emphasis on sustainability:

- construction engineering
- environmental engineering
- geotechnical engineering
- hydrosystems engineering
- structures
- transportation

\*Accredited by the Engineering Accreditation Commission of ABET, <https://www.abet.org> (<https://www.abet.org>).

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 265 - Calculus for Engineers I

**Program Math Intensity:** Substantial

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Civil, Environmental and Sustainable Engineering, MS

Construction Engineering, MSE

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university admission standards. International students may have an additional English language proficiency (<https://admission.asu.edu/international/undergrad/english-proficiency>) criterion. International students must meet the same admission requirements shown below with the possible additional requirement of a minimum English proficiency test score. If the university requires an English proficiency test score from the applicant, then admission to engineering requires a minimum TOEFL iBT score of 79 (internet-based test, taken in a testing center), a minimum IELTS score of 6.5, a minimum PTE score of 58, or a minimum Duolingo English score of 105.

First-year admission:

- minimum SAT score of 1210 for Evidence-based Reading and Writing and Math or minimum ACT composite score of 24 or a minimum high school cumulative GPA of 3.00 in ASU competency courses or class ranking in top 25% of high school class, and
- no high school math or science competency deficiencies

Transfer Admission Requirements: Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum SAT score of 1210 for Evidence-based Reading and Writing and math (or 1140 if taken prior to March 5, 2016) or minimum ACT composite score of 24 or minimum high school cumulative GPA of 3.00 in ASU competency courses or class ranking in top 25% of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary OR the secondary criteria (not both):

#### Primary Criteria

- minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- no high school math or science competency deficiencies if Admission Services requires submission of a high school transcript

#### Secondary Criteria

- minimum transfer GPA of 2.75 for 24 or more transfer hours, and
- minimum GPA of 3.00 in all critical courses for Terms 1 and 2 (see major map for critical courses)

**Change of Major Requirements:** Admission requirements (<https://engineering.asu.edu/admission-requirements/>) for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards. Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESCEEBSE~null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### Global Opportunities:

**Global Experience:** Study abroad allows students in civil engineering to learn intercultural applications of design and technology skills through hands-on learning and cultural engagement opportunities in an international setting.

Whether in a foreign country, in the U.S. or online, students build communication skills and learn to adapt and persevere, and they are exposed to research and internships across the world, which increases their professional network. Students earn ASU credit for completed courses, while staying on track for graduation, and may apply financial aid and scholarships toward program costs.

The expanded education students acquire while participating in a Global Education program (<https://goglobal.asu.edu/>) demonstrates to employers their ability to thrive in a global environment, helping them stand out when pursuing their choice of careers in a competitive industry.

**Career Opportunities:** ASU graduates with a bachelor's degree in civil engineering readily find employment. Civil engineers work in many different types of companies: large corporations; small, private consulting firms; and governmental agencies. A civil engineering background is an excellent foundation for jobs in management and public service.

Civil engineering is one of the best engineering professions from the viewpoint of international travel opportunities or for eventually establishing one's own consulting business.

The bachelor's degree program prepares graduates for the fundamentals of engineering examination, the professional engineering examination and for graduate degree programs.

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

Students should note that not all programs within the Fulton Schools of Engineering lead to professional licensure.

#### Contact Information:

Engineering, Ira A. Fulton Schools of  
Civil, Environmental and Sustainable Eng Program  
<https://ssebe.engineering.asu.edu/undergraduate/civil/>  
CAVC 437  
sebe.advising@asu.edu  
480-965-0595

## Civil Engineering (Sustainable Engineering), BSE (ESCEESUBSE)

**Campus:** Tempe

**Program Description:** Civil engineering majors have two options within the accredited BSE program: civil engineering and civil engineering with sustainable engineering concentration. Regardless of choice, the Bachelor of Science in Engineering in civil engineering is accredited by ABET.\*

The bachelor's degree in civil engineering with a concentration in sustainable engineering incorporates systems modeling and life cycle approaches to assessing the resiliency and material selection across all areas of urban infrastructure or built environment currently addressed within the civil engineering degree. The program is designed to provide students with exposure to material from several disciplines that comply with the principles of economic, social and ecological sustainability and apply them to traditional civil engineering areas.

\*Accredited by the Engineering Accreditation Commission of ABET, <http://www.abet.org/> (<http://www.abet.org/>).

### **STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 265 - Calculus for Engineers I

**Program Math Intensity:** Substantial

### **Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

### **Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Civil, Environmental and Sustainable Engineering, MS  
Construction Engineering, MSE

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

### **Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university admission standards. International students may have an additional English language proficiency (<https://admission.asu.edu/international/undergrad/english-proficiency>) criterion. International students must meet the same admission requirements shown below with the possible additional requirement of a minimum English proficiency test score. If the university requires an English proficiency test score from the applicant, then admission to engineering requires a minimum TOEFL iBT score of 79 (internet-based test, taken in a testing center), a minimum IELTS score of 6.5, a minimum PTE score of 58, or a minimum Duolingo English score of 105.

First-year admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score or a minimum high school cumulative GPA of 3.00 in ASU competency courses or class ranking in top 25% of high school class, and
- no high school math or science competency deficiencies

Transfer Admission Requirements: Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or a minimum high school cumulative GPA of 3.00 in ASU competency courses, or class ranking in top 25% of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary OR the secondary criteria (not both):

#### Primary Criteria

- minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- no high school math or science competency deficiencies (if Admission Services requires submission of a high school transcript)

#### Secondary Criteria

- minimum transfer GPA of 2.75 for 24 or more transfer hours, and
- minimum GPA of 3.00 in all critical courses for Terms 1 and 2 (see major map for critical courses)

**Change of Major Requirements:** Admission requirements (<https://engineering.asu.edu/admission-requirements/>) for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards. Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESCEESUBSE-null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### Global Opportunities:

**Global Experience:** With over 300 programs available, study abroad (<https://goglobal.asu.edu/>) allows students to tailor their experience to their unique interests and skill sets. Students in sustainable engineering are able to gain hands-on experience in a variety of countries.

Graduates stand out in a competitive field when their resume is enhanced with the heightened cultural competency and leadership and critical thinking skills they acquired while studying abroad. More information on available programs can be found on the Global Education website.

**Career Opportunities:** Civil engineers with knowledge of sustainable engineering may find employment in many different types of companies: large corporations; small, private consulting firms; and governmental agencies.

Civil engineering is one of the best engineering professions from the viewpoint of international travel opportunities or for eventually establishing one's own consulting business.

Graduates of the program are prepared for the fundamentals of engineering examination, the principles and practice of engineering examination, and for graduate degree programs.

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

Students should note that not all programs within the Fulton Schools of Engineering lead to professional licensure.

#### Contact Information:

Engineering, Ira A. Fulton Schools of  
Civil, Environmental and Sustainable Eng Program  
<https://ssebe.engineering.asu.edu/undergraduate/civil/>  
CAVC 437  
sebe.advising@asu.edu  
480-965-0595

## Computer Science, BS (ESCSEBS)

**Campus:** Tempe, Online

**Program Description:** The BS program in computer science aims at producing graduates who are well prepared for pursuing careers in a wide variety of computing-related fields or to embark on further graduate studies.

The program is anchored with core courses that provide a solid foundation in theoretical and practical aspects of computer science and ensure students have the requisite critical thinking, effective programming and problem solving skills in a variety of modern programming languages with an emphasis on understanding security and systems issues.

The program caters to a variety of interests in subfields of computer science and related disciplines through a flexible set of electives that allow

students to develop, as part of their programs of study, in-depth knowledge and skills in artificial intelligence, machine learning, robotics, database systems, informatics, or other engineering and science disciplines. Students can also pursue concentrations in software engineering or cybersecurity as part of their degree program.

Computer science professionals design, analyze and improve the quality of computer software and systems for a variety of applications, including:

- artificial intelligence
- computer vision
- cybersecurity
- graphics
- information management
- multimedia
- networking

Accredited by the Computing Accreditation Commission of ABET, <https://www.abet.org/> (<https://www.abet.org/>).

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 265 - Calculus for Engineers I

**Program Math Intensity:** Substantial

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

- Computer Science (Art, Media and Engineering), MS
- Computer Science (Big Data Systems), MCS
- Computer Science (Big Data Systems), MS
- Computer Science (Biomedical Informatics), MS
- Computer Science (Cybersecurity), MCS
- Computer Science (Cybersecurity), MS
- Computer Science, MCS
- Computer Science, MS
- Robotics and Autonomous Systems (Artificial Intelligence), MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university admission standards. International students may have an additional English language proficiency (<https://admission.asu.edu/international/undergrad/english-proficiency>) criterion. International students must meet the same admission requirements shown below with the possible additional requirement of a minimum English proficiency test score. If the university requires an English proficiency test score from the applicant, then admission to engineering requires a minimum TOEFL iBT score of 79 (internet-based test, taken in a testing center), a minimum IELTS score of 6.5, a minimum PTE score of 58, or a minimum Duolingo English score of 105.

First-year admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score or a minimum high school cumulative GPA of 3.00 in ASU competency courses or class ranking in top 25% of high school class, and
- no high school math or science competency deficiencies

Transfer Admission Requirements: Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or a minimum high school cumulative GPA of 3.00 in ASU competency courses, or class ranking in top 25% of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary OR the secondary criteria (not both):

Primary Criteria

- minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- no high school math or science competency deficiencies (if Admission Services requires submission of a high school transcript)

Secondary Criteria

- minimum transfer GPA of 2.75 for 24 or more transfer hours, and
- minimum GPA of 2.75 in CSE 110 Principles of Programming, CSE 205 Object-oriented Programming and Data Structures, MAT 265 Calculus for Engineers I, and 266 Calculus for Engineers II

**Change of Major Requirements:** Admission requirements (<https://engineering.asu.edu/admission-requirements/>) for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-computer-science/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESCSEBS~null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Students learn to thrive in a global environment through the rich educational and interpersonal experiences inherent in study abroad. A resume enhanced by the valuable study abroad experience will impress prospective employers and it will also help the student stand out should they decide to pursue advanced study.

With over 300 Global Education program opportunities (<https://goglobal.asu.edu/>) available, students are able to tailor their experience to their unique interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

**Career Opportunities:** Computer science graduates secure employment in a variety of capacities, such as in computer and software design or development of information technologies. Their jobs are often distinguished by the high level of theoretical expertise applied to solving complex problems and to the creation and application of new computing technologies. Some computer science-related jobs may include:

- creating computer games and graphics systems
- designing artificial intelligence systems
- developing mobile computing applications
- developing network security applications
- discovering data management and mining solutions for large-scale data analytics
- inventing and implementing more efficient computing systems for managing data and information, including information retrieval and search on the Internet

With the theoretical foundation built into the program, computer science graduates can excel in system and software development as well as in designing effective computing solutions for emerging and challenging problems in modern society. Skills in system development and research can lead to entrepreneurial activity that produces innovative computing products and services.

**Contact Information:**

Engineering, Ira A. Fulton Schools of  
Computer Science and Engineering Program  
<https://scai.engineering.asu.edu/computer-science-bs/>  
CTRPT 105  
SCAI.Undergrad.Admission@asu.edu  
480-965-3199

## Computer Science (Cybersecurity), BS (ESCSEIBS)

**Campus:** Tempe

**Program Description:** The BS program in computer science with a concentration in cybersecurity provides students with the knowledge and skills they need to build dependable and secure information systems and networks and to ensure the integrity and quality of information being stored, processed and transmitted.

ASU has been certified as a National Center of Academic Excellence in Information Assurance Education and a National Center of Academic Excellence in Information Assurance - Research by the National Security Agency and the Department of Homeland Security. Information assurance courseware at ASU has been certified by the Information Assurance Courseware Evaluation Program to satisfy the standards for Information Systems Security Professionals (NSTISSI 4011) and Senior Systems Managers (CNSSI 4012).

Domestic students enrolled in the cybersecurity concentration are eligible for federal fellowships, such as the Department of Defense Information Assurance Scholarship Program and the Federal Cyber Service Scholarship for Service Program.

Accredited by the Computing Accreditation Commission of ABET, <https://www.abet.org> (<https://www.abet.org>).

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 265 - Calculus for Engineers I

**Program Math Intensity:** Substantial

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

- Computer Science (Art, Media and Engineering), MS
- Computer Science (Big Data Systems), MCS
- Computer Science (Big Data Systems), MS
- Computer Science (Biomedical Informatics), MS
- Computer Science (Cybersecurity), MCS
- Computer Science (Cybersecurity), MS
- Computer Science, MCS
- Computer Science, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)  
Transfer (<https://admission.asu.edu/transfer/apply>)  
International (<https://admission.asu.edu/international/undergrad-apply>)  
Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university admission standards. International students may have an additional English language proficiency (<https://admission.asu.edu/international/undergrad/english-proficiency>) criterion. International students must meet the same admission requirements shown below with the possible additional requirement of a minimum English proficiency test score. If the university requires an English proficiency test score from the applicant, then admission to engineering requires a minimum TOEFL iBT score of 79 (internet-based test, taken in a testing center), a minimum IELTS score of 6.5, a minimum PTE score of 58, or a minimum Duolingo English score of 105.

First-year admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score or a minimum high school cumulative GPA of 3.00 in ASU competency courses or class ranking in top 25% of high school class, and
- no high school math or science competency deficiencies

Transfer Admission Requirements: Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or a minimum high school cumulative GPA of 3.00 in ASU competency courses, or class ranking in top 25% of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary OR the secondary criteria (not both):

Primary Criteria

- minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- no high school math or science competency deficiencies (if Admission Services requires submission of a high school transcript)

Secondary Criteria

- minimum transfer GPA of 2.75 for 24 or more transfer hours, and
- minimum GPA of 2.75 in CSE 110 Principles of Programming, CSE 205 Object-oriented Programming and Data Structures, MAT 265 Calculus for Engineers I, and 266 Calculus for Engineers II

**Change of Major Requirements:** Admission requirements (<https://engineering.asu.edu/admission-requirements/>) for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESCSEIBS~null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Students learn to thrive in a global environment through the rich educational and interpersonal experiences inherent in study abroad. A resume enhanced by the valuable study abroad experience will impress prospective employers and it will also help the student stand out should they decide to pursue advanced study.

With more than 300 Global Education program opportunities (<https://goglobal.asu.edu/>) available, students are able to tailor their experience to their unique interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

**Career Opportunities:** Computer scientists are highly sought after in multiple areas of industry ranging from education, logistics, tech, government and security.

Graduates of the Bachelor of Science in cybersecurity find employment in a variety of capacities, including computer system and software development and research on information assurance technologies. Some related jobs may include:

- analyzing computer forensic data
- designing secure information systems and databases
- developing secure software



- information security consulting
- secure computer and network applications

**Contact Information:**

Engineering, Ira A. Fulton Schools of  
 Computer Science and Engineering Program  
<https://scai.engineering.asu.edu/computer-science-bs/>  
 CTRPT 105  
 SCAI.Undergrad.Admission@asu.edu  
 480-965-3199

## Computer Science (Software Engineering), BS (ESCSESBS)

**Campus:** Tempe

**Program Description:** The software engineering concentration of the BS program in computer science is appropriate for computer science students seeking careers as software engineers. Students learn advanced processes, methodologies and tools for developing and testing large and small software applications in emerging areas such as:

- databases
- enterprise systems
- interoperable systems
- mobile computing
- service-orientated computing

They also learn cybersecurity concepts and techniques and principles of human-computer interaction and methods for developing these applications. The curriculum prepares students to assume leadership roles in software development organizations and to practice professional standards and emerging software technology to the software engineering life-cycle activities.

Accredited by the Computing Accreditation Commission of ABET, <https://www.abet.org> (<https://www.abet.org>).

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 265 - Calculus for Engineers I

**Program Math Intensity:** Substantial

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

- Computer Science (Art, Media and Engineering), MS
- Computer Science (Big Data Systems), MCS
- Computer Science (Big Data Systems), MS
- Computer Science (Biomedical Informatics), MS
- Computer Science (Cybersecurity), MCS
- Computer Science (Cybersecurity), MS
- Computer Science, MCS
- Computer Science, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Additional Requirements:** The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university admission standards. International students may have an additional English language proficiency (<https://admission.asu.edu/international/undergrad/english-proficiency>) criterion. International students must meet the same admission requirements shown below with the possible additional requirement of a minimum English proficiency test score. If the university requires an English proficiency test score from the applicant, then admission to engineering requires a minimum TOEFL iBT score of 79 (internet-based test, taken in a testing center), a minimum IELTS score of 6.5, a minimum PTE score of 58, or a minimum Duolingo English score of 105.

**First-year admission:**

- minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score or a minimum high school cumulative GPA of 3.00 in ASU competency courses or class ranking in top 25% of high school class, and
- no high school math or science competency deficiencies

**Transfer Admission Requirements:** Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or a minimum high school cumulative GPA of 3.00 in ASU competency courses, or class ranking in top 25% of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary OR the secondary criteria (not both):

**Primary Criteria**

- minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- no high school math or science competency deficiencies (if Admission Services requires submission of a high school transcript)

**Secondary Criteria**

- minimum transfer GPA of 2.75 for 24 or more transfer hours, and
- minimum GPA of 2.75 in CSE 110 Principles of Programming, CSE 205 Object-oriented Programming and Data Structures, MAT 265 Calculus for Engineers I, and 266 Calculus for Engineers II

**Change of Major Requirements:** Admission requirements (<https://engineering.asu.edu/admission-requirements/>) for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESCSEBS~null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

**Global Experience:** Students learn to thrive in a global environment through the rich educational and interpersonal experiences inherent in study abroad. A resume enhanced by the valuable study abroad experience will impress prospective employers and it will also help the student stand out should they decide to pursue advanced study.

With over 300 Global Education program opportunities (<https://goglobal.asu.edu/>) available, students are able to tailor their experience to their unique interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

**Career Opportunities:** Career opportunities are plentiful for software engineers.

Graduates of the software engineering concentration possess the knowledge and skills to work across the spectrum of software development process activities, including:

- architecture
- coding
- project management

- quality assurance
- requirements engineering
- testing

Careers include:

- software analyst
- software architect
- software engineer
- software task leader
- software tester

Graduates find employment in large and small organizations that develop, deploy and manage software systems. They work on all types of projects that include large, complex engineering systems, distributed banking, financial and government software and gaming.

**Contact Information:**

Engineering, Ira A. Fulton Schools of  
 Computer Science and Engineering Program  
<https://scai.engineering.asu.edu/computer-science-bs/>  
 CTRPT 105  
 SCAI.Undergrad.Admission@asu.edu  
 480-965-3199

## Computer Systems Engineering, BSE (ESCSEBSE)

**Campus:** Tempe

**Program Description:** The BSE program in computer systems engineering focuses on the analysis, design, testing, integration and evaluation of hardware and software systems. The curriculum is grounded in many engineering disciplines, including the applications of science and technology to the design of:

- computer architecture
- cybersecurity
- digital circuits
- distributed and embedded systems
- networking
- operating systems

Students engage in the design of integrated hardware and software solutions for computing, communication and control applications. They practice many aspects of engineering activities, such as the development of:

- computer networks
- embedded and ubiquitous systems
- high-performance computer systems
- individual digital components

Students become skilled at interfacing different pieces of hardware and software components and integrating systems and products with new capabilities and improved quality and performance.

Accredited by the Engineering Accreditation Commission of ABET, <https://www.abet.org> (<https://www.abet.org/>).

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 265 - Calculus for Engineers I

**Program Math Intensity:** Substantial

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

### Accelerated Program Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

- Computer Engineering (Computer Systems), MS
- Computer Science (Art, Media and Engineering), MS
- Computer Science (Big Data Systems), MCS
- Computer Science (Big Data Systems), MS
- Computer Science (Biomedical Informatics), MS
- Computer Science (Cybersecurity), MCS
- Computer Science (Cybersecurity), MS
- Computer Science, MCS
- Computer Science, MS
- Robotics and Autonomous Systems (Artificial Intelligence), MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

### Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university admission standards. International students may have an additional English language proficiency (<https://admission.asu.edu/international/undergrad/english-proficiency>) criterion. International students must meet the same admission requirements shown below with the possible additional requirement of a minimum English proficiency test score. If the university requires an English proficiency test score from the applicant, then admission to engineering requires a minimum TOEFL iBT score of 79 (internet-based test, taken in a testing center), a minimum IELTS score of 6.5, a minimum PTE score of 58, or a minimum Duolingo English score of 105.

First-year admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score or a minimum high school cumulative GPA of 3.00 in ASU competency courses or class ranking in top 25% of high school class, and
- no high school math or science competency deficiencies

Transfer Admission Requirements: Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or a minimum high school cumulative GPA of 3.00 in ASU competency courses, or class ranking in top 25% of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary OR the secondary criteria (not both):

Primary Criteria

- minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- no high school math or science competency deficiencies (if Admission Services requires submission of a high school transcript)

Secondary Criteria

- minimum transfer GPA of 2.75 for 24 or more transfer hours, and
- minimum GPA of 2.75 in all critical courses: CSE 110 Principles of Programming, CSE 205 Object-oriented Programming and Data Structures, MAT 265 Calculus for Engineers I and MAT 266 Calculus for Engineers II

**Change of Major Requirements:** Admission requirements (<https://engineering.asu.edu/admission-requirements/>) for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

### Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESCSEBSE-null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Students learn to thrive in a global environment through the rich educational and interpersonal experiences inherent in study abroad. A resume enhanced by the valuable study abroad experience will impress prospective employers and it will also help the student stand out should they decide to pursue advanced study.

With over 300 Global Education program opportunities (<https://goglobal.asu.edu/>) available, students are able to tailor their experience to their unique interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

**Career Opportunities:** Computer systems engineers are employed in industry, government, education and consulting firms where they engage in the design, development and operation of hardware and software systems of computer and networking equipment.

Computer systems engineers often find themselves focusing on engineering problems or challenges of emerging computer systems, including chips, device controllers, embedded systems and high-performance computing servers. Their jobs usually involve the research, design and development of computer hardware and software for practical applications. Their work can result in innovative, state-of-the-art products that integrate computing and communication capabilities, such as those in:

- avionics and space vehicles
- digital television and photography
- intelligent highways and control systems for vehicles
- mobile devices and smart applications
- new apparatuses for health care and for the sight-impaired or others with physical disabilities
- security and defense systems

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

**Contact Information:**

Engineering, Ira A. Fulton Schools of  
Computer Science and Engineering Program  
<https://scai.engineering.asu.edu/computer-systems-engineering/>  
CTRPT 105  
SCAI.Undergrad.Admission@asu.edu  
480-965-3199

## Computer Systems Engineering (Cybersecurity), BSE (ESCSEIBSE)

**Campus:** Tempe

**Program Description:** The BSE program in computer systems engineering with a concentration in cybersecurity provides students with the knowledge and skills they need to build dependable and secure information systems and networks and to ensure the integrity and quality of the information being stored, processed and transmitted.

ASU has been certified as a National Center of Academic Excellence in Information Assurance Education and a National Center of Academic Excellence in Information Assurance - Research by the National Security Agency and the Department of Homeland Security. Information assurance courseware at ASU has been certified by the Information Assurance Courseware Evaluation Program to satisfy the standards for Information Systems Security Professionals (NSTISSI 4011) and Senior Systems Managers (CNSSI 4012).

Domestic students enrolled in the cybersecurity concentration are eligible for federal fellowships such as the Department of Defense Information Assurance Scholarship Program and the Federal Cyber Service Scholarship for Service Program.

Accredited by the Engineering Accreditation Commission of ABET, <https://www.abet.org> (<https://www.abet.org/>).

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 265 - Calculus for Engineers I

**Program Math Intensity:** Substantial

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

- Computer Science (Art, Media and Engineering), MS
- Computer Science (Big Data Systems), MCS
- Computer Science (Big Data Systems), MS
- Computer Science (Biomedical Informatics), MS
- Computer Science (Cybersecurity), MCS
- Computer Science (Cybersecurity), MS
- Computer Science, MCS
- Computer Science, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university admission standards. International students may have an additional English language proficiency (<https://admission.asu.edu/international/undergrad/english-proficiency>) criterion. International students must meet the same admission requirements shown below with the possible additional requirement of a minimum English proficiency test score. If the university requires an English proficiency test score from the applicant, then admission to engineering requires a minimum TOEFL iBT score of 79 (internet-based test, taken in a testing center), a minimum IELTS score of 6.5, a minimum PTE score of 58, or a minimum Duolingo English score of 105.

First-year admission:

- minimum SAT score of 1210 for evidence-based reading and writing plus math or minimum ACT composite score of 24 or a minimum high school cumulative GPA of 3.00 in ASU competency courses or class ranking in top 25% of high school class, and
- no high school math or science competency deficiencies

Transfer Admission Requirements: Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum SAT score of 1210 for evidence-based reading and writing plus math (or 1140 if taken prior to March 5, 2016) or minimum ACT composite score of 24 or a minimum high school GPA of 3.00 in ASU competency courses or class ranking in top 25% of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary OR the secondary criteria (not both):

Primary Criteria

- minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- no high school math or science competency deficiencies if Admission Services requires submission of a high school transcript

Secondary Criteria

- minimum transfer GPA of 2.75 for 24 or more transfer hours, and
- minimum GPA of 2.75 in all critical courses: CSE 110 Principles of Programming, CSE 205 Object-oriented Programming and Data Structures, MAT 265 Calculus for Engineers I and MAT 266 Calculus for Engineers II

**Change of Major Requirements:** Admission requirements (<https://engineering.asu.edu/admission-requirements/>) for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESCSEIBSE~null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Global Opportunities:**

**Global Experience:** Students learn to thrive in a global environment through the rich educational and interpersonal experiences inherent in study abroad. A resume enhanced by the valuable study abroad experience will impress prospective employers and it will also help the student stand out should they decide to pursue advanced study.

With over 300 Global Education program opportunities (<https://goglobal.asu.edu/>) available, students are able to tailor their experience to their unique interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

**Career Opportunities:** Computer scientists are highly sought-after in multiple areas of industry ranging from education, logistics, tech, government and security.

Graduates of the Bachelor of Science in Engineering program in cybersecurity find employment in a variety of capacities, including computer systems and software development and research on information assurance technologies. Some related jobs may include:

- analyzing computer forensic data
- designing secure information systems and networks
- information security consulting
- information systems security engineering
- network security engineering

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

Students should note that not all programs within the Fulton Schools of Engineering lead to professional licensure.

#### **Contact Information:**

Engineering, Ira A. Fulton Schools of  
Computer Science and Engineering Program  
<https://scai.engineering.asu.edu/computer-systems-engineering/>  
CTRPT 105  
SCAI.Undergrad.Admission@asu.edu  
480-965-3199

## **Construction Engineering, BSE (ESCONBSE)**

**Campus:** Tempe

**Program Description:** The BSE program in construction engineering is designed for students who wish to gain a professional engineering license while working at the interface of design and construction, and it is attractive for students interested in a career that emphasizes the construction of infrastructure.

The degree program includes engineering design and construction management courses with a focus on sustainability and building information modeling topics. Construction management content includes construction methods, contract management, cost and schedule control, people management and project estimating.

The curriculum's design content includes structures, geotechnical engineering and transportation. Students are further prepared with the computer, management, technical and people skills they need to succeed.

This degree is the third in the southwestern U.S. and one of about 20 worldwide.

Accredited by the Engineering Accreditation Commission of ABET; <https://www.abet.org/> (<https://www.abet.org/>).

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 265 - Calculus for Engineers I

**Program Math Intensity:** Substantial

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Civil, Environmental and Sustainable Engineering, MS  
Construction Engineering, MSE

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university admission standards. International students may have an additional English language proficiency (<https://admission.asu.edu/international/undergrad/english-proficiency>) criterion. International students must meet the same admission requirements shown below with the possible additional requirement of a minimum English proficiency test score. If the university requires an English proficiency test score from the applicant, then admission to engineering requires a minimum TOEFL iBT score of 79 (internet-based test, taken in a testing center), a minimum IELTS score of 6.5, a minimum PTE score of 58, or a minimum Duolingo English score of 105.

First-year admission:

- minimum SAT score of 1210 for evidence-based reading and writing plus math or minimum ACT composite score of 24 or a minimum high school cumulative GPA of 3.00 in ASU competency courses or class ranking in top 25% of high school class, and
- no high school math or science competency deficiencies

Transfer Admission Requirements: Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum SAT score of 1210 for evidence-based reading and writing plus math (or 1140 if taken prior to March 5, 2016) or minimum ACT composite score of 24 or a minimum high school cumulative GPA of 3.00 in ASU competency courses or class ranking in top 25% of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary OR secondary criteria, not both:

Primary Criteria

- minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- no high school math or science competency deficiencies if Admission Services requires submission of a high school transcript

Secondary Criteria

- minimum transfer GPA of 2.75 for 24 or more transfer hours, and
- minimum GPA of 2.75 in all critical courses for Terms 1 and 2 (see major map for critical courses)

**Change of Major Requirements:** Admission requirements (<https://engineering.asu.edu/admission-requirements/>) for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards.



Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESCONBSE~null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Global Opportunities:**

Global Experience: Students gain valuable experience through study abroad (<https://goglobal.asu.edu/>), experience which enhances their resumes. With over 300 programs available, study abroad allows students to tailor their experience to their unique interests and skill sets. Students in construction engineering are able to gain hands-on experience in a variety of countries. In a competitive field, students stand out with the heightened cultural competency and leadership and critical thinking skills they acquired from studying abroad.

**Career Opportunities:** The construction engineering graduate, with this strong background in design and management, is prepared to enter a career in the engineering and construction industry as a field engineer, project engineer or project designer working for:

- construction companies
- design firms
- facility owners
- material suppliers
- specialty subcontractors

Graduates have the unique skills needed to take on the role of integrator in the delivery of design-build projects or development activities. As the graduate's career progresses, they should be able to take on leadership roles in the delivery of sustainable facilities in the built environment and then progress through successively higher levels of management responsibility. The graduate should be particularly attuned to the design and construction of heavy civil and industrial facilities, meeting the infrastructure needs of society.

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

Students should note that not all programs within the Fulton Schools of Engineering lead to professional licensure.

#### **Contact Information:**

Engineering, Ira A. Fulton Schools of  
Construction Engineering  
<https://ssebe.engineering.asu.edu/undergraduate/construction-eng/>  
CAVC 437  
[sebe.advising@asu.edu](mailto:sebe.advising@asu.edu)  
480-965-0595

## **Construction Management and Technology, BS (ESCONMGTB)**

**Campus:** Tempe

**Program Description:** The BS program in construction management and technology allows students to specialize in construction and facility management. Students learn to organize, lead and manage the building construction business processes related to real estate, facility and infrastructure projects.

Construction management is the most vital function on a job site. Construction managers represent the interests of the building owner or the contractor and interact with architects, engineers, subcontractors, vendors and suppliers to ensure the success of construction projects in the built environment.

This program focuses on the business of construction and technology, such as building information modeling.

Students learn the basics of design; the construction methods specific to each type of construction (heavy, residential, commercial, specialty); and the process of sustainable or green construction. They learn how to estimate, schedule and control the costs of a project and what it takes to manage the people involved and the various types of contracts. Graduates possess the computer, management, technical and people skills they need to succeed.

This is one of two construction programs in the state of Arizona and one of approximately 80 accredited programs in the nation.  
2023-24 Academic Catalog Archive

This program is accredited by the American Council for Construction Education: <https://www.acce-hq.org/> (<https://www.acce-hq.org/>).

Accredited by the Applied and Natural Science Commission of ABET; <https://www.abet.org> (<https://www.abet.org>).

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 170 - Precalculus

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Construction Management and Technology, MS  
Public Administration, MPA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university admission standards. International students may have an additional English language proficiency (<https://admission.asu.edu/international/undergrad/english-proficiency>) criterion. International students must meet the same admission requirements shown below with the possible additional requirement of a minimum English proficiency test score. If the university requires an English proficiency test score from the applicant, then admission to engineering requires a minimum TOEFL iBT score of 79 (internet-based test, taken in a testing center), a minimum IELTS score of 6.5, a minimum PTE score of 58, or a minimum Duolingo English score of 105.

First-year admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score or a minimum high school cumulative GPA of 3.00 in ASU competency courses or class ranking in top 25% of high school class, and
- no high school math or science competency deficiencies

Transfer Admission Requirements: Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or a minimum high school cumulative GPA of 3.00 in ASU competency courses, or class ranking in top 25% of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary OR the secondary criteria, not both:

Primary Criteria

- minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- no high school math or science competency deficiencies, if Admission Services requires submission of a high school transcript

Secondary Criteria

- minimum transfer GPA of 2.50 for 24 or more transfer hours, and

- minimum GPA of 2.75 in all critical courses for Terms 1 and 2 (see major map for critical courses)

**Change of Major Requirements:** Admission requirements (<https://engineering.asu.edu/admission-requirements/>) for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards. Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESCONMGTBS~null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Global Opportunities:**

**Global Experience:** Students enhance their resumes with the valuable experience they gain through study abroad (<https://goglobal.asu.edu/>). With over 300 programs available, study abroad allows students to tailor their experience to their unique interests and skill sets. Students in construction management and technology are able to gain hands-on experience, heightened cultural competency, and leadership and critical thinking skills while studying abroad. They earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs.

**Career Opportunities:** The construction management and technology program provides a foundation for those who wish to pursue careers as project managers, project engineers, estimators or schedulers and eventually to become principals of firms engaged in the construction of industrial, commercial or residential projects.

Graduates of the heavy construction emphasis area are prepared for careers related to public works such as highways, airports, bridges, utility systems and water or waste treatment facilities.

Graduates of the commercial and residential emphasis areas are prepared for careers in real estate development, home production systems, commercial construction, health care and special industrial building projects. They are also prepared to enter the sustainable or green construction market.

Graduates of the specialty construction emphasis are prepared to organize, lead and manage the building process at the subcontractor level and for careers as contractors working with mechanical and electrical systems. They are also prepared for careers in management at specialty contracting firms, such as those with expertise in control systems, electrical distribution or heating, and ventilation and air conditioning systems for large and complex facilities like data centers, health care organizations, semiconductor manufacturing plants, and commercial facilities.

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

Students should note that not all programs within the Fulton Schools of Engineering lead to professional licensure.

#### **Contact Information:**

Engineering, Ira A. Fulton Schools of  
Del E. Webb Construction  
<https://ssebe.engineering.asu.edu/undergraduate/construction-mgmt/>  
CAVC 437  
sebe.advising@asu.edu  
480-965-0595

## **Electrical Engineering, BSE (ESEEEBSE)**

**Campus:** Tempe, Online

**Program Description:** The BSE program in electrical engineering prepares students for positions as electrical engineers.

Following initial coursework in mathematics and sciences, the foundation classes build a solid base of engineering knowledge. The electrical engineering curriculum includes a number of required upper-division electrical engineering and technical elective courses in such areas as circuits; communication, signal processing and control systems; computer engineering; electromagnetics; power; and solid-state devices.

Approved technical elective courses provide students with an opportunity either to broaden their background in electrical engineering or to study in greater depth the technical subjects in which they have special interest.

Accredited by the Engineering Accreditation Commission of ABET, <http://www.abet.org/> (<http://www.abet.org/>).

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 265 - Calculus for Engineers I

**Program Math Intensity:** Substantial

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to choose a 3-year path while participating in the same high-quality educational experience of a 4-year option. Students can opt to fast-track their studies after acceptance into a participating program by connecting with their academic advisor. Fast track options appear at the top of the major map.

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

- Astrophysics and Astronomy, MS
- Computer Engineering (Electrical Engineering), MS
- Electrical Engineering, MS
- Electrical Engineering, MSE
- Exploration Systems Design (Instrumentation), MS
- Exploration Systems Design (Sensor Networks), MS
- Exploration Systems Design (Systems Engineering), MS
- Exploration Systems Design, MS
- Robotics and Autonomous Systems (Electrical Engineering), MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university admission standards. International students may have an additional English language proficiency (<https://admission.asu.edu/international/undergrad/english-proficiency>) criterion. International students must meet the same admission requirements shown below with the possible additional requirement of a minimum English proficiency test score. If the university requires an English proficiency test score from the applicant, then admission to engineering requires a minimum TOEFL iBT score of 79 (internet-based test, taken in a testing center), a minimum IELTS score of 6.5, a minimum PTE score of 58, or a minimum Duolingo English score of 105.

First-year admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score or a minimum high school cumulative GPA of 3.00 in ASU competency courses or class ranking in top 25% of high school class, and
- no high school math or science competency deficiencies

Transfer Admission Requirements: Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or a minimum high school cumulative GPA of 3.00 in ASU competency courses, or class ranking in top 25% of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary OR the secondary criteria (not both):

#### Primary Criteria

- minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- no high school math or science competency deficiencies (if Admission Services requires submission of a high school transcript)

#### Secondary Criteria

- minimum transfer GPA of 2.50 for 24 or more transfer hours, and
- minimum GPA of 2.75 in all critical courses for Terms 1 and 2 (MAT 265, MAT 266, PHY 121 and PHY 122)

**Change of Major Requirements:** Admission requirements (<https://engineering.asu.edu/admission-requirements>) for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### Attend Online:

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-engineering-electrical-engineering/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

#### Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESEEBSE-null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### Program Learning Outcomes:

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.
- Apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors
- Develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions
- Recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts; ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives

#### Global Opportunities:

Global Experience: Students gain valuable experience when studying abroad (<https://goglobal.asu.edu/>), experience that enhances their resumes. With over 300 programs available, study abroad allows students to tailor their experience to their unique interests and skill sets. Students in electrical engineering are able to gain hands-on experience in a variety of international locations. In a competitive field, students stand out with the heightened cultural competency and leadership and critical thinking skills they achieved when studying abroad. More information on available programs can be found on the Global Education website.

**Career Opportunities:** Graduates with the bachelor's degree in electrical engineering find many exciting opportunities in industry. These include:

- communication equipment and network providers
- computer and peripheral device manufacturers and defense organizations
- consulting companies
- electric power utilities
- semiconductor chip designers and manufacturers

Graduates are also prepared for continued learning experiences, either in a formal graduate program or in continuing education applications.

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another

state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

Students should note that not all programs within the Fulton Schools of Engineering lead to professional licensure.

**Contact Information:**

Engineering, Ira A. Fulton Schools of  
Electrical Engineering Program  
<https://ecee.engineering.asu.edu/>  
GWC 209  
askee@asu.edu  
480-965-3424

## Electrical Engineering (Electric Power and Energy Systems), BSE (ESEEEPBSE)

**Campus:** Tempe, Online

**Program Description:** The electric power and energy systems concentration in the BSE program in electrical engineering prepares students for positions after graduation in industries dealing with the generation, transmission and utilization of electric power. Generation includes conventional power generation (fossil fuel and nuclear) and alternative energy systems, including solar, wind and fuel cells.

Students in this program complete the foundation courses in math, science and engineering and then are required to take the pathway course in electric power and complete nine of the 15 technical elective credit hours with power classes. The senior design capstone project focuses on the area of electric power and energy systems.

Accredited by the Engineering Accreditation Commission of ABET, <http://www.abet.org> (<http://www.abet.org/>).

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 265 - Calculus for Engineers I

**Program Math Intensity:** Substantial

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

- Astrophysics and Astronomy, MS
- Electrical Engineering, MS
- Electrical Engineering, MSE
- Exploration Systems Design (Instrumentation), MS
- Exploration Systems Design (Sensor Networks), MS
- Exploration Systems Design (Systems Engineering), MS
- Exploration Systems Design, MS
- Robotics and Autonomous Systems (Electrical Engineering), MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Additional Requirements:** The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university admission standards. International students may have an additional English language proficiency (<https://admission.asu.edu/international/undergrad/english-proficiency>) criterion. International students must meet the same admission requirements shown below with the possible additional requirement of a minimum English proficiency test score. If the university requires an English proficiency test score from the applicant, then admission to engineering requires a minimum TOEFL iBT score of 79 (internet-based test, taken in a testing center), a minimum IELTS score of 6.5, a minimum PTE score of 58, or a minimum Duolingo English score of 105.

**First-year admission:**

- minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score or a minimum high school cumulative GPA of 3.00 in ASU competency courses or class ranking in top 25% of high school class, and
- no high school math or science competency deficiencies

**Transfer Admission Requirements:** Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or a minimum high school cumulative GPA of 3.00 in ASU competency courses, or class ranking in top 25% of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary OR the secondary criteria (not both):

**Primary Criteria**

- minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- no high school math or science competency deficiencies (if Admission Services requires submission of a high school transcript)

**Secondary Criteria**

- minimum transfer GPA of 2.50 for 24 or more transfer hours, and
- minimum GPA of 2.75 in all critical courses for Terms 1 and 2 (MAT 265, MAT 266, PHY 121 and PHY 122)

**Change of Major Requirements:** Admission requirements (<https://engineering.asu.edu/admission-requirements>) for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

**ASU Online:** ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/electrical-engineering-electric-power-and-energy-systems-bse/>) for program descriptions and to request more information.

**ASU Local:** It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESEEEPBASE-null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.
- Apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors
- Develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions
- Apply knowledge of mathematics, science, and engineering, with focus on electrical power systems.

**Global Opportunities:**

**Global Experience:** Students gain valuable experience when studying abroad, experience that enhances their resumes. With over 300 programs available, study abroad (<https://goglobal.asu.edu/>) allows students to tailor their experience to their unique interests and skill sets. Students in electrical engineering are able to gain hands-on experience in a variety of international locations. In a competitive field, students stand out with the

heightened cultural competency and leadership and critical thinking skills they achieved when studying abroad. More information on available programs can be found on the Global Education website.

**Career Opportunities:** Career opportunities for graduates with a concentration in electric power and energy systems include:

- consulting engineering firms
- employment in utility companies
- entrepreneurial opportunities
- power equipment manufacturers
- research and design organizations
- state, federal and municipal agencies

This concentration also prepares students to pursue graduate degrees in the areas of:

- power generation
- power systems
- power transmission and distribution
- renewable and sustainable energy sources

The program also prepares graduates for continued learning experiences, either in a formal graduate program or in continuing education applications.

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

Students should note that not all programs within the Fulton Schools of Engineering lead to professional licensure.

**Contact Information:**

Engineering, Ira A. Fulton Schools of  
Electrical Engineering Program  
<https://ecee.engineering.asu.edu/>  
GWC 209  
askee@asu.edu  
480-965-3424

## Engineering, BSE (TSEGRBSE)

**Campus:** Polytechnic

**Program Description:** The BSE program in engineering prepares graduates to collaborate across disciplines in order to design and build solutions to real-world problems.

In the Bachelor of Science in Engineering program, students apply engineering fundamental knowledge and design thinking to real projects every semester. They choose a disciplinary concentration that enables them to develop in-depth knowledge in a specific area, and they choose a secondary focus area. This flexibility allows students to tailor their degree in a way that will help them to achieve their individual career and life goals. The program enables students to develop sophisticated technical skills in tandem with the professional skills of communication, teamwork, collaboration, self-motivation and adaptability, and the program's emphasis on open-ended design and project-based learning supports the development of entrepreneurial skills and attitudes.

Students can choose from the following concentrations: automotive systems, electrical systems, mechanical engineering systems and robotics.

Accredited by the Engineering Accreditation Commission of ABET, <https://www.abet.org> (<https://www.abet.org>).

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** Y



**Second Language Requirement:** N

**First Required Math Course:** MAT 265 - Calculus for Engineers I

**Program Math Intensity:** Substantial

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TSEGRBSE~null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Design engineering systems including components, and processes to meet needs within realistic constraints including social, political, economic, ethical, health and safety, manufacturing and/or sustainability.
- Communicate engineering findings to colleagues, clients, other stakeholders and the public in written, oral and graphical form.
- Identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics. (ABET).

**Global Opportunities:**

Global Experience: Study abroad enables students to gain valuable, resume-building experience. Participation in a Global Education program (<https://goglobal.asu.edu/>) provides students with the heightened cultural competency and leadership and critical thinking skills that will help them stand out in a competitive industry.

Whether in a foreign country, in the U.S. or online, students build communication skills, are challenged to adapt and persevere, are exposed to research and internships across the world, and increase their professional network.

**Career Opportunities:** Engineers on transdisciplinary teams collaborate to design, manufacture and deliver innovative technological products and services.

Graduates are prepared to work in large corporations, government agencies and small businesses as well as to go on to graduate school to pursue advanced degrees. Some graduates start companies of their own.

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

Students should note that not all programs within the Fulton Schools of Engineering lead to professional licensure.

**Contact Information:**

Engineering, Ira A. Fulton Schools of

Engineering Programs

<https://poly.engineering.asu.edu/engineering/bse-engineering/>

SUTON 240

## Engineering (Automotive Systems), BSE (TSEGRASBSE)

**Campus:** Polytechnic

**Program Description:** The BSE program in engineering prepares graduates who are able to collaborate across disciplines to design and build solutions to real-world problems.

In the program, students apply fundamental engineering knowledge and design thinking to real projects every semester. Students in the automotive systems concentration first build a broad engineering foundation to which they add the skills and knowledge necessary for vehicle design and testing. The curriculum focuses on automotive engineering fundamentals, including powertrain engineering and chassis system design, as well as hands-on projects that involve designing, analyzing and building actual automotive systems.

Graduates of this concentration of the Bachelor of Science in Engineering are able to provide leadership in automotive engineering settings, especially in automotive testing and hybrid propulsion systems, which are intrinsically transdisciplinary in nature.

Accredited by the Engineering Accreditation Commission of ABET, <http://www.abet.org> (<http://www.abet.org>).

### **STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 265 - Calculus for Engineers I

**Program Math Intensity:** Substantial

### **Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

### **Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

- Engineering, MS
- Global Management, MGM
- Manufacturing Engineering, MS
- Robotics and Autonomous Systems (Systems Engineering), MS
- Secondary Education (Teacher Certification), MEd
- Technology (Management of Technology), MSTech

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

### **Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.  
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Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TSEGRASBSE-null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Design engineering systems including components, and processes to meet needs within realistic constraints including social, political, economic, ethical, health and safety, manufacturing and/or sustainability.
- Communicate engineering findings to colleagues, clients, other stakeholders and the public in written, oral and graphical form.
- Identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics. (ABET).

#### **Global Opportunities:**

Global Experience: Students learn to thrive in a global environment through the rich educational and interpersonal experiences inherent in study abroad. A resume enhanced by the valuable study abroad experience will impress prospective employers and it also will help students stand out when pursuing advanced study.

With over 300 Global Education program opportunities (<https://goglobal.asu.edu/>) available, students are able to tailor their experience to their unique interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

**Career Opportunities:** Engineers collaborate on transdisciplinary teams to design, manufacture and deliver innovative technological products and services. The program enables students to develop sophisticated technical skills in tandem with the professional skills of communication, teamwork and collaboration, and self-motivation and adaptability that many employers seek.

Graduates of the automotive concentration are prepared for employment in companies related to the automotive industry, from large original equipment manufacturing companies and their testing grounds to smaller specialty or aftermarket companies. The program's emphasis on open-ended design and project-based learning supports the development of entrepreneurial skills and attitudes, and some students start companies of their own.

Because of the transdisciplinary nature of the Bachelor of Science in Engineering, graduates also have opportunities to perform functions that traditionally have been done by mechanical, manufacturing, automation and development engineers.

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

Students should note that not all programs within the Fulton Schools of Engineering lead to professional licensure.

#### **Contact Information:**

Engineering, Ira A. Fulton Schools of  
Engineering Programs  
<https://poly.engineering.asu.edu/engineering/bse-engineering>  
SUTON 240  
[polyadvising@asu.edu](mailto:polyadvising@asu.edu)  
480-727-1874

## **Engineering (Electrical Systems), BSE (TSEGRESBSE)**

**Campus:** Polytechnic

**Program Description:** The BSE program in engineering prepares graduates to collaborate across disciplines to design and build solutions to real-world problems.

Bachelor of Science in Engineering students apply fundamental engineering knowledge and design thinking to real projects every semester. Students in the electrical systems concentration of the program build a broad engineering foundation to which they add the skills and knowledge they will need in order to contribute electrical subject matter expertise in transdisciplinary engineering teams. This expertise includes theory and

application of sensors, actuators, microcontrollers and microprocessors as well as the integration of these components into electrical and mechatronic systems. The electrical systems curriculum also provides significant hands-on experience designing and implementing electrical and mechatronic systems to meet the needs of users.

The program enables students to develop sophisticated technical skills in tandem with the professional skills of communication, teamwork, collaboration, self-motivation and adaptability, and the program's emphasis on open-ended design and project-based learning supports the development of entrepreneurial skills and attitudes.

Accredited by the Engineering Accreditation Commission of ABET; <http://www.abet.org> (<http://www.abet.org>).

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 265 - Calculus for Engineers I

**Program Math Intensity:** Substantial

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

- Engineering, MS
- Global Management, MGM
- Manufacturing Engineering, MS
- Robotics and Autonomous Systems (Systems Engineering), MS
- Secondary Education (Teacher Certification), MEd
- Technology (Management of Technology), MSTech

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TSEGRESBSE-null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in

their college journey.

#### **Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Design engineering systems including components, and processes to meet needs within realistic constraints including social, political, economic, ethical, health and safety, manufacturing and/or sustainability.
- Communicate engineering findings to colleagues, clients, other stakeholders and the public in written, oral and graphical form.
- Identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics. (ABET).

#### **Global Opportunities:**

Global Experience: Study abroad enables students to gain valuable, resume-building experience. Participation in a Global Education program (<https://goglobal.asu.edu/>) provides students with the heightened cultural competency and leadership and critical thinking skills that will help them stand out in a competitive industry.

Whether in a foreign country, in the U.S. or online, students build communication skills, are challenged to adapt and persevere, are exposed to research and internships across the world, and increase their professional network.

**Career Opportunities:** Engineers on transdisciplinary teams collaborate to design, manufacture and deliver innovative technological products and services.

Engineers with electrical expertise are in high demand in many industry sectors, especially manufacturing, utilities, and communications and defense systems. Electrical systems also pervade the service sectors in areas such as health care, finance, education and entertainment.

Graduates of this program have the broad base of technical knowledge and operational skills that make them invaluable members of multidisciplinary engineering teams and well suited for employment across a broad spectrum of engineering endeavors. They are prepared to work in large corporations, government agencies and small businesses as well as to go on to graduate school to pursue advanced degrees. Some graduates start companies of their own.

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

Students should note that not all programs within the Fulton Schools of Engineering lead to professional licensure.

#### **Contact Information:**

Engineering, Ira A. Fulton Schools of  
Engineering Programs  
<https://poly.engineering.asu.edu/engineering/bse-engineering>  
SUTON 240  
[polyadvising@asu.edu](mailto:polyadvising@asu.edu)  
480-727-1874

## **Engineering (Mechanical Engineering Systems), BSE (TSEGRMEBSE)**

**Campus:** Polytechnic

**Program Description:** The BSE program in engineering prepares graduates to collaborate across disciplines to design and build solutions to real-world problems.

Bachelor of Science in Engineering students apply fundamental engineering knowledge and design thinking to real projects every semester. Students in the mechanical engineering systems concentration of the program build a broad engineering foundation to which they add the skills and knowledge they will need in order to contribute mechanical subject matter expertise in transdisciplinary engineering teams. This expertise includes theory and application of materials, machine design, thermal fluid systems, and energy and power from a systems perspective. The mechanical systems curriculum also provides significant hands-on experience designing and implementing mechanical systems to meet the needs of users.

The program enables students to develop sophisticated technical skills in tandem with the professional skills of communication, teamwork, collaboration, self-motivation and adaptability, and the program's emphasis on open-ended design and project-based learning supports the development of entrepreneurial skills and attitudes.

Accredited by the Engineering Accreditation Commission of ABET; <https://www.abet.org> (<https://www.abet.org>).

#### **STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the

STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 265 - Calculus for Engineers I

**Program Math Intensity:** Substantial

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

- Engineering, MS
- Global Management, MGM
- Manufacturing Engineering, MS
- Robotics and Autonomous Systems (Systems Engineering), MS
- Secondary Education (Teacher Certification), MEd
- Technology (Management of Technology), MSTech

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TSEGRMEBSE~null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Design engineering systems, components, and processes to meet needs within realistic constraints including social, political, economic, ethical, health and safety, manufacturing and/or sustainability.
- Communicate engineering findings to colleagues, clients, other stakeholders and the public in written, oral and graphical form.
- Identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics. The outcome statement is consistent with ABET accreditation requirements.

**Global Opportunities:**

Global Experience: Study abroad enables students to gain valuable, resume-building experience. Participation in a Global Education program (<https://goglobal.asu.edu/>) provides students with the heightened cultural competency and leadership and critical thinking skills that will help them stand out in a competitive industry.

Whether in a foreign country, in the U.S. or online, students build communication skills, are challenged to adapt and persevere, are exposed to research and internships across the world, and increase their professional network.

**Career Opportunities:** Engineers on transdisciplinary teams collaborate to design, manufacture and deliver innovative technological products and services.

Engineers with mechanical expertise are in high demand in many different industry sectors, including transportation, agriculture, a wide variety of process industries, product development, manufacturing, and energy and defense systems. Mechanical engineers also work in close collaboration with other engineering disciplines in a wide variety of fields, including biomedical, building and construction, transportation and aerospace.

Graduates from this program have a broad base of technical knowledge and operational skills that make them invaluable members of multidisciplinary engineering teams and well-suited for employment across the whole spectrum of applications. They are prepared to work in large corporations, government agencies and small businesses as well as to go on to graduate school to pursue advanced degrees. Some graduates start companies of their own.

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

Students should note that not all programs within the Fulton Schools of Engineering lead to professional licensure.

**Contact Information:**

Engineering, Ira A. Fulton Schools of  
Engineering Programs  
<https://poly.engineering.asu.edu/engineering/bse-engineering/>  
SUTON 240  
[polyadvising@asu.edu](mailto:polyadvising@asu.edu)  
480-727-1874

## Engineering (Robotics), BSE (TSEGRRBSE)

**Campus:** Polytechnic

**Program Description:** The BSE program in engineering prepares graduates to collaborate across disciplines to design and build solutions to real-world problems.

Bachelor of Science in Engineering students apply fundamental engineering knowledge and design thinking to real projects every semester. Students in the robotics concentration of the program build a broad engineering foundation to which they add the skills and knowledge they will need in order to contribute robotics subject matter expertise in transdisciplinary engineering teams. This expertise includes electromechanical systems, sensor and actuator integration, embedded digital systems application, and design and analysis of dynamic systems. The robotics curriculum also provides significant hands-on experience designing and implementing robotics systems to meet the needs of users.

The program enables students to develop sophisticated technical skills in tandem with the professional skills of communication, teamwork, collaboration, self-motivation and adaptability, and the program's emphasis on open-ended design and project-based learning supports the development of entrepreneurial skills and attitudes.

Accredited by the Engineering Accreditation Commission of ABET; <https://www.abet.org> (<https://www.abet.org>).

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 265 - Calculus for Engineers I

**Program Math Intensity:** Substantial

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

- Engineering, MS
- Global Management, MGM
- Manufacturing Engineering, MS
- Robotics and Autonomous Systems (Systems Engineering), MS
- Secondary Education (Teacher Certification), MEd
- Technology (Management of Technology), MSTech

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TSEGRRBSE~null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Design engineering systems including components, and processes to meet needs within realistic constraints including social, political, economic, ethical, health and safety, manufacturing and/or sustainability.
- Communicate engineering findings to colleagues, clients, other stakeholders and the public in written, oral and graphical form.
- Identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics. The outcome statement is consistent with ABET accreditation requirements.

**Global Opportunities:**

Global Experience: Study abroad enables students to gain valuable, resume-building experience. Participation in a Global Education program (<https://goglobal.asu.edu/>) provides students with the heightened cultural competency and leadership and critical thinking skills that will help them stand out in a competitive industry.

Whether in a foreign country, in the U.S. or online, students build communication skills, are challenged to adapt and persevere, are exposed to research and internships across the world, and increase their professional network.

**Career Opportunities:** Engineers on transdisciplinary teams collaborate to design, manufacture and deliver innovative technological products and services.



Robotics plays an increasingly important role in many different industries, including manufacturing, automotive, defense systems, biomedical devices and aerospace.

Graduates from this program have a broad base of technical knowledge in the design and implementation of robotic electro-mechanical systems. In addition, they have the operational and communication skills that make them invaluable members of multidisciplinary engineering teams and well-suited for employment across the whole spectrum of applications. They are prepared to work in large corporations, government agencies and small businesses as well as to go on to graduate school to pursue advanced degrees. Some graduates start companies of their own.

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

Students should note that not all programs within the Fulton Schools of Engineering lead to professional licensure.

**Contact Information:**

Engineering, Ira A. Fulton Schools of  
Engineering Programs  
<https://poly.engineering.asu.edu/engineering/bse-engineering/>  
SUTON 240  
polyadvising@asu.edu  
480-727-1874

## Engineering Management, BSE (ESEMGBSE)

**Campus:** Tempe, Online

**Program Description:** The BSE program in engineering management is designed to provide students with skills required for effective management and leadership of engineering-driven enterprises.

The curriculum provides a breadth of engineering science and design with depth in one specific area suitable for practice. This knowledge is augmented with an understanding of business practices and organizational behavior and with the development of management skills, enabling the graduate to succeed in the management of a scientific or engineering enterprise. Topics covered include project and resource management, financial engineering, risk management, configuration management, service plans, product liability, entrepreneurship and operations management, in addition to product design and process development.

Graduates have a deep understanding of at least one industry sector based upon the focus area courses.

Accredited by the Engineering Accreditation Commission of ABET, <https://www.abet.org> (<https://www.abet.org/>).

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 265 - Calculus for Engineers I

**Program Math Intensity:** Substantial

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to choose a 3-year path while participating in the same high-quality educational experience of a 4-year option. Students can opt to fast-track their studies after acceptance into a participating program by connecting with their academic advisor. Fast track options appear at the top of the major map.

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

Global Management (Creative Industries and Design Thinking), MGM

Global Management (Data Science), MGM

Global Management (Digital Audience Strategy), MGM  
 Global Management (Global Affairs), MGM  
 Global Management (Global Business), MGM  
 Global Management (Global Development and Innovation), MGM  
 Global Management (Global Digital Transformation), MGM  
 Global Management (Global Entrepreneurship), MGM  
 Global Management (Global Health Care Delivery), MGM  
 Global Management (Global Legal Studies), MGM  
 Global Management (Integrated Health Care), MGM  
 Global Management (Nonprofit Leadership and Management), MGM  
 Global Management (Public Administration), MGM  
 Global Management (Public Policy), MGM  
 Global Management (Sustainability Solutions), MGM  
 Global Management (Sustainable Tourism), MGM  
 Global Management, MGM  
 Industrial Engineering, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university admission standards. International students may have an additional English language proficiency (<https://admission.asu.edu/international/undergrad/english-proficiency>) criterion. International students must meet the same admission requirements shown below with the possible additional requirement of a minimum English proficiency test score. If the university requires an English proficiency test score from the applicant, then admission to engineering requires a minimum TOEFL iBT score of 79 (internet-based test, taken in a testing center), a minimum IELTS score of 6.5, a minimum PTE score of 58, or a minimum Duolingo English score of 105.

First-year admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score or a minimum high school cumulative GPA of 3.00 in ASU competency courses or class ranking in top 25% of high school class, and
- Admission may be granted with one deficiency in no more than two competency areas (<https://admission.asu.edu/first-year/competency-requirements>). Deficiencies in both math and laboratory science are not acceptable.

Transfer Admission Requirements: Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 2.75 for less than 24 transfer hours, and
- satisfy the freshmen admission requirements

Transfer students with more than 24 transferable college credit hours:

- minimum transfer GPA of 2.75 for 24 or more transfer hours, and
- if Admission Services requires submission of a high school transcript, admission may be granted with one deficiency in no more than two competency areas (<https://admission.asu.edu/first-year/competency-requirements>). Deficiencies in both math and laboratory science are not acceptable.

**Change of Major Requirements:** Admission requirements (<https://engineering.asu.edu/admission-requirements/>) for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards. Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/engineering-engineering-management-bse/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESEMGBSE~null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Students will have an ability to function effectively as a member or leader of a team. Graduates will successfully perform work related tasks including establishing goals, work plans, tasks, meets deadlines in order to create a collaborative and inclusive environment that establishes goals, plans, tasks, meets deadlines, and creates a collaborative and inclusive environment. (ABET)
- Identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics. (ABET)
- Communicate effectively with a range of audiences.(ABET)

**Global Opportunities:**

Global Experience: Students gain valuable experience through study abroad, and with more than 300 Global Education programs (<https://goglobal.asu.edu/>) available they can tailor their experience to their unique interests and skills.

As students learn to thrive in a global environment, they build communications skills, are challenged to adapt and persevere, are exposed to research and internships across the world, and they can increase their professional networks.

Participation in a Global Education program, whether in a foreign country, in the U.S., or online, provides students with heightened cultural competency, which will enhance their resumes and help them stand out in a competitive field.

**Career Opportunities:** An engineering management graduate is prepared to begin a career as a:

- production supervisor
- project management team member or lead
- supply logistics engineer
- system specification and customer relationship management specialist or a similar role

Graduates are ready to progress through successively higher levels of management responsibility.

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

Students should note that not all programs within the Fulton Schools of Engineering lead to professional licensure.

**Contact Information:**

Engineering, Ira A. Fulton Schools of  
Industrial, Systems & Operations Engineering Prgm  
<https://scai.engineering.asu.edu/engineering-management-bse/>  
CTRPT 105  
SCAI.Undergrad.Admission@asu.edu  
480-965-3199

## Environmental Engineering, BSE (ESEVEBSE)

**Campus:** Tempe

**Program Description:** The BSE program in environmental engineering educates students to become tomorrow's engineers who solve complex environmental problems and design systems at the human, urban and planetary scales.

Environmental engineers are actively involved with the following topics and activities: air quality monitoring and air pollution control technology; analysis of the fate and transport of pollutants; application of sustainable design principles; design and operation of water and wastewater treatment systems; design of hazardous waste containment systems; design of solid waste management systems; remediation of contaminated soil, sediment and water; and water quality, water conservation and water reuse.

In recognition of the interdisciplinary nature of environmental engineering challenges, the degree program incorporates courses from humanities,  
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social sciences, natural sciences, mathematics and engineering. Environmental engineering courses build on strong foundations in chemistry, microbiology, geology, physics and mathematics. Courses cover fundamental engineering concepts applied to environmental processes and environmental engineering design as well as applied learning experiences, including a required internship or research experience and a capstone design course.

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 265 - Calculus for Engineers I

**Program Math Intensity:** Substantial

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Civil, Environmental and Sustainable Engineering, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: First-year Admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score or minimum high school cumulative GPA of 3.00 in ASU competency courses or class ranking in top 25% of high school class, and
- no high school math or science competency deficiencies

Transfer Admission Requirements: Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or a minimum high school cumulative GPA of 3.00 in ASU competency courses, or class ranking in top 25% of high school class

Transfer students with more than 24 transferable college credit hours:

Primary

- minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- no high school math or science competency deficiencies (if Admissions Services requires submission of a high school transcript)

Secondary Criteria

- minimum transfer GPA of 2.75 for 24 or more transfer hours, and
- minimum GPA of 2.75 in all critical courses for Terms 1 and 2 (see major map for critical courses)

**Change of Major Requirements:** Admission requirements (<https://engineering.asu.edu/admission-requirements/>) for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESEVEBSE-null + &college=CES>) to outline a list of

recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Global Opportunities:**

Global Experience: Global Education programs (<https://goglobal.asu.edu/>) allow students with an open mind to further their understanding of the impact the industrial world has on the environment around the world, and with more than 300 programs available, students can tailor their experience to their unique interests and skill sets.

Whether in a foreign country, in the U.S., or online, students broaden their educational experience, build communication skills, are challenged to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network. Their participation in study abroad demonstrates to employers they can thrive in a global environment, helping them stand out in a competitive industry.

Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs.

**Career Opportunities:** Graduates from the environmental engineering program have career opportunities in both the private and public sectors.

Opportunities exist in the private sector in both the consulting and manufacturing industries. The consulting industry is growing as greater environmental awareness and emerging novel pollutants require continual refinement of regulations and environmental system design standards, and the manufacturing industry employs environmental engineers to aid in environmental compliance and eco-efficiency.

In the public sector, municipalities and regulatory agencies require a knowledgeable workforce that understands how public policy can improve human health and ecosystem services through environmental engineering processes.

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

#### **Contact Information:**

Engineering, Ira A. Fulton Schools of  
School of Sustainable Engineering & Built Environment  
<https://ssebe.engineering.asu.edu/undergraduate/environmental/>  
CAVC 437  
[sebe.advising@asu.edu](mailto:sebe.advising@asu.edu)  
480-965-0595

## **Environmental and Resource Management, BS (TSETMBS)**

**Campus:** Polytechnic

**Program Description:** The BS program in environmental and resource management provides critical scientific, engineering, regulatory and management skills for students who plan to pursue careers in industry, government or nongovernmental organizations, focusing on ensuring the health of engineered and natural ecosystems and mitigating the environmental impact of the industrial world.

The curriculum combines a strong foundation in chemistry, physics, biology and mathematics with a solid grounding in environmental law and policy, engineering and management principles. Students learn to apply environmental technologies to manage engineered environmental operations such as drinking water and wastewater treatment, management of hazardous and solid wastes, and the control of industrial and mobile sources of air pollution. They study OSHA, EPA and DOT regulations on health and safety, as well as strategies to protect workers in hazardous environments. International environmental issues and legal frameworks are included along with U.S. environmental laws.

An accelerated BS/MS degree option is available in which up to 12 credit hours of the bachelor's degree may be applied toward the 30 credit hours required for the master's degree in environmental and resource management. A special application is required for this option.

#### **STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 210 - Brief Calculus

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Environmental and Resource Management (Water Management), MS

Environmental and Resource Management, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TSETMBS~null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Evaluate environmental policies and regulations that apply to environmental and resource management.
- Apply management, scientific, and technical solutions to natural and anthropogenic environmental problems.
- Apply sustainable development practices and trends to environmental systems.

**Global Opportunities:**

Global Experience: Study abroad allows students of environmental resource management to further their understanding of the impact the industrial world has on the environment. With an open mind, students further their studies and understanding of the various environmental conditions around the globe.

Students learn to thrive in a global environment through the rich educational and interpersonal experiences inherent in study abroad, and with over 300 Global Education program opportunities (<https://goglobal.asu.edu/>) available, students are able to tailor their experience to their unique interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

A resume enhanced by the valuable study abroad experience will impress prospective employers and it will also help the student stand out should they decide to pursue advanced study.

**Career Opportunities:** Graduates with the skills gained in this program are in high demand and can find work in industry, governmental management and regulatory agencies or in policymaking organizations.

Graduates are firmly grounded in the scientific, technical, and legal problems facing environmental managers in today's business climate. They are prepared to be environmental, health and safety professionals in industrial settings such as manufacturing, mining, oil and gas or environmental engineering consulting firms. They also assure compliance with OSHA and EPA requirements in laboratories at pharmaceutical companies, water and wastewater treatment facilities or academic labs. On the regulatory side, graduates work for agencies such as the U.S. Environmental Protection Agency or state and county departments of environmental quality.

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

Students should note that not all programs within the Fulton Schools of Engineering lead to professional licensure.

**Contact Information:**

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<https://poly.engineering.asu.edu/erm>  
SUTON 240  
polyadvising@asu.edu  
480-727-1874

## Graphic Information Technology, BS (TSGITBS)

**Campus:** Polytechnic, Online

**Program Description:** The cross-media nature of the graphics industry requires tomorrow's graduates to understand the full spectrum of visual design and production as well as current business practices.

The BS program in graphic information technology prepares students to become visual design technologists with skills in front-end web design and development, print and digital publishing, commercial photography and video production, and motion graphics and visual effects.

This is an intensive program of study emphasizing theory and hands-on laboratory practice.

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 117 - College Algebra

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Graphic Information Technology, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-graphic-information-technology-concentration/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TSGITBS~null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Sketch solutions to graphic communications problems utilizing industry-standard workflows.
- Apply individual and collaborative skills to engineer solutions to cross-media challenges.
- Compose written and visual documentation for complex cross-media processes.
- Synthesize content into digital collateral for cross-media output.

**Global Opportunities:**

Global Experience: With over 300 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad (<https://goglobal.asu.edu/>) is possible for all ASU students who wish to acquire global skills and knowledge in preparation for their chosen career. Students earn ASU credit for completed courses, while staying on track for graduation, and may apply financial aid and scholarships toward program costs.

**Career Opportunities:** Graphic information technology prepares graduates for technical and management positions in visual design in such diverse areas as:

- art direction
- commercial photography and video production
- front-end web design and development
- graphic design
- motion graphics and visual effects
- premedia, digital printing and publishing
- print technology
- production management
- quality assurance of graphic and visual design products
- technical and digital media production
- user experience design
- user interface design
- visual design

**Contact Information:**

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Graphic Information Technology  
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## Graphic Information Technology (Full-Stack Web Development), BS (ESGITFSWBS)

**Campus:** Polytechnic, Online

**Program Description:** The BS program in graphic information technology with a concentration in full-stack web development focuses on front-end and back-end website and application development. This cross-disciplinary program has a foundation in user-centered design and client-side scripting (HTML, CSS, JS) and extends to server-side programming (PHP, Python, SQL, etc.).

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 117 - College Algebra

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

Graphic Information Technology, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/web-development-degree/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESGITFSWBS~null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Analyze accepted coding and design techniques to apply the most appropriate to web design and development solutions.
- Demonstrate ability to guide a project through a development cycle using industry-standard tools and techniques.
- Implement individually- and collaboratively-built components into cohesive solutions for web design and development challenges.
- Display ability to build and evaluate effective user interactions in web-based systems.

#### **Global Opportunities:**

Global Experience: With over 300 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation for their career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. More information on available programs can be found on the Global Education Office website (<https://goglobal.asu.edu/>).

**Career Opportunities:** The future is bright for those with full-stack developer skills. According to the LinkedIn 2020 Emerging Jobs Report, full-stack engineer is number four of the top 15 emerging jobs in 2020 ([https://business.linkedin.com/content/dam/me/business/en-us/talent-solutions/emerging-jobs-report/Emerging\\_Jobs\\_Report\\_U.S.\\_FINAL.pdf](https://business.linkedin.com/content/dam/me/business/en-us/talent-solutions/emerging-jobs-report/Emerging_Jobs_Report_U.S._FINAL.pdf) ([https://business.linkedin.com/content/dam/me/business/en-us/talent-solutions/emerging-jobs-report/Emerging\\_Jobs\\_Report\\_U.S.\\_FINAL.pdf](https://business.linkedin.com/content/dam/me/business/en-us/talent-solutions/emerging-jobs-report/Emerging_Jobs_Report_U.S._FINAL.pdf))).

Since 2015, hiring growth for the full-stack engineer profession has been 35% every year. Indeed ranked full-stack developer as the second best job for 2020, with the percentage of growth from 2018 to 2019 at more than 161% (<https://www.indeed.com/lead/best-jobs-2020> (<https://www.indeed.com/lead/best-jobs-2020>)).

Indeed also listed the top 10 skills for a full-stack developer, nine of which are taught within the full-stack web development concentration curriculum. The program goes beyond these as well, giving students opportunities to learn additional technologies, further preparing them for jobs upon graduation.

Top industries where graduates land include computer software, IT, financial services and higher education. Google, eBay, Verizon, IBM and Capital One are among the top companies hiring full-stack developers (according to Glassdoor at [https://www.glassdoor.com/Explore/browse-companies.htm?overall\\_rating\\_low=3.5&page=1&isHiringSurge=0&occ=Full%20Stack%20Developer](https://www.glassdoor.com/Explore/browse-companies.htm?overall_rating_low=3.5&page=1&isHiringSurge=0&occ=Full%20Stack%20Developer) ([https://www.glassdoor.com/Explore/browse-companies.htm?overall\\_rating\\_low=3.5&page=1&isHiringSurge=0&occ=Full%20Stack%20Developer](https://www.glassdoor.com/Explore/browse-companies.htm?overall_rating_low=3.5&page=1&isHiringSurge=0&occ=Full%20Stack%20Developer))).

#### **Contact Information:**

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## **Graphic Information Technology (User Experience), BS (ESGITUEBS)**

**Campus:** Polytechnic, Online

**Program Description:** The BS program in graphic information technology with a concentration in user experience is designed to provide students with an interdisciplinary foundation in design, research and communication, to prepare them for the rapidly growing area of user experience.

The concentration provides students with a conceptual understanding of methods for gathering user information, applied skills in those methods, analyzing data and communicating through visual design technologies.

Although its disciplinary home and primary focus is graphic information technology, the concentration includes courses from the fields of human systems engineering and technical communication in order to provide students with the multiple perspectives and complementary skills needed for user experience work.

#### **STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 117 - College Algebra

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

Graphic Information Technology, MS

User Experience, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/graphic-information-technology-user-experience-bs/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESGITUEBS~null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: With over 300 programs in more than 65 countries (programs vary in length, from one week to one year), participation in a Global Education program (<https://goglobal.asu.edu/>) is possible for all ASU students who wish to acquire global skills and knowledge in preparation for their chosen career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs.

**Career Opportunities:** Graphic information technology graduates who have some expertise in user experience have numerous career opportunities in areas such as user experience research, user-centered design, information design, interaction design, information architecture, content strategy and usability analysis.

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## Human Systems Engineering, BS (ESHSEBS)

**Campus:** Polytechnic, Online

**Program Description:** The BS program in human systems engineering provides students with an understanding of the science of human performance and with experience using methods and tools to apply this understanding to design and problem-solving in a wide variety of domains, such as product usability, learning design, sports performance and workplace and hospital safety.

A large array of professions need experts in human factors to work on problems that involve an understanding of human performance, in areas that include user experience, aviation human factors, cognitive performance, consumer psychology, transportation human factors, patient safety, effective teamwork, health psychology, learning optimization, social cognition, threat detection and sports psychology.

The program is offered by the Ira A. Fulton Schools of Engineering.

### **STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 170 - Precalculus

**Program Math Intensity:** Moderate

### **Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

### **Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

Human Systems Engineering, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

### **Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

### **Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/human-systems-engineering/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESHSEBS~null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: With over 300 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation for their career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. More information on available programs can be found on the Global Education Office website (<https://goglobal.asu.edu/>).

**Career Opportunities:** The human systems engineering program prepares students for industry and government careers. Graduates may work as a member of a design team for a product or system in positions such as:

- game designer
- human factors engineer
- human systems integrator
- interface designer
- user experience designer
- usability engineer

**Contact Information:**

Engineering, Ira A. Fulton Schools of  
Human Systems Engineering  
<https://poly.engineering.asu.edu/hse/>  
SUTON 240  
polyadvising@asu.edu  
480-727-1874

## Human Systems Engineering (User Experience), BS (ESHSEUEBS)

**Campus:** Polytechnic, Online

**Program Description:** The user experience skills increasingly valued by industry are not typically covered in traditional psychology or engineering programs. The BS degree program in human systems engineering with a concentration in user experience combines topics in psychology, the web, human factors, visual displays and technical communications to make products and services useful, usable and desirable.

User experience focuses on the design, development and evaluation of products and services that are useful, usable and desirable. The user experience program addresses UX research, design, content development, communication, tone of voice and evaluation of all components and products with which end users interact.

Students learn how to research customer needs, identify criteria for successful products and services, prototype those products and services, and refine them through usability testing and other user-centered methods.

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 170 - Precalculus

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Human Systems Engineering, MS  
User Experience, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/human-systems-ux-degree/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESHSEUEBS-null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: With over 300 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation for their career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. More information on available programs can be found on the Global Education Office website (<https://goglobal.asu.edu/>).

**Career Opportunities:** Increasingly, companies are searching for professionals to help make products and services more usable and desirable. In recent years, CNN, U.S. News & World Report and other news organizations have rated user experience as one of the top emerging careers, with benefits that include high pay, opportunities to telecommute, low stress and high job growth.

**Contact Information:**

Engineering, Ira A. Fulton Schools of  
Human Systems Engineering  
<https://poly.engineering.asu.edu/hse/>  
SUTON 240  
polyadvising@asu.edu  
480-727-1874

## Industrial Engineering, BSE (ESIEEBSE)

**Campus:** Tempe

**Program Description:** Industrial engineering pertains to the design, improvement, installation and operation of integrated systems of people, materials, information, equipment and energy with the purpose of determining efficient ways to make a product or provide a service. Industrial engineering draws upon specialized knowledge and skills in the mathematical, physical and social sciences and the principles and methods of engineering analysis and design.

The underlying concepts for the BSE program in industrial engineering include certain business principles but emphasize the use of mathematics and information technology to build models to describe, understand and optimize system performance. Depending on the subspecialties involved and the intended application, industrial engineering may also be known as operations management, management science, operations research, systems engineering or manufacturing engineering.

Accredited by the Engineering Accreditation Commission of ABET, <http://www.abet.org> (<http://www.abet.org>).

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 265 - Calculus for Engineers I

**Program Math Intensity:** Substantial

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

- Global Management (Creative Industries and Design Thinking), MGM
- Global Management (Data Science), MGM
- Global Management (Digital Audience Strategy), MGM
- Global Management (Global Affairs), MGM
- Global Management (Global Business), MGM
- Global Management (Global Development and Innovation), MGM
- Global Management (Global Digital Transformation), MGM
- Global Management (Global Entrepreneurship), MGM
- Global Management (Global Health Care Delivery), MGM
- Global Management (Global Legal Studies), MGM
- Global Management (Integrated Health Care), MGM
- Global Management (Nonprofit Leadership and Management), MGM
- Global Management (Public Administration), MGM
- Global Management (Public Policy), MGM
- Global Management (Sustainability Solutions), MGM
- Global Management (Sustainable Tourism), MGM
- Global Management, MGM
- Industrial Engineering, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university admission standards. International students may have an additional English language proficiency (<https://admission.asu.edu/international/undergrad/english-proficiency>) criterion. International students must meet the same admission requirements shown below with the possible additional requirement of a minimum English proficiency test score. If the university requires an English proficiency test score from the applicant, then admission to engineering requires a minimum TOEFL iBT score of 79 (internet-based test, taken in a testing center), a minimum IELTS score of 6.5, a minimum PTE score of 58, or a minimum Duolingo English score of 105.

First-year admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score or a minimum high school cumulative GPA of 3.00 in ASU competency courses or class ranking in top 25% of high school class, and
- no high school math or science competency deficiencies

Transfer Admission Requirements: Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or a minimum high school cumulative GPA of 3.00 in ASU competency courses, or class ranking in top 25% of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary OR the secondary criteria (not both):

Primary Criteria

- minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- no high school math or science competency deficiencies (if Admission Services requires submission of a high school transcript)

Secondary Criteria

- minimum transfer GPA of 2.75 for 24 or more transfer hours, and
- minimum GPA of 2.75 in CSE 110 Principles of Programming, MAT 265 Calculus for Engineers I and MAT 266 Calculus for Engineers II

**Change of Major Requirements:** Admission requirements (<https://engineering.asu.edu/admission-requirements/>) for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESIEEBSE~null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- ABET 1: Will demonstrate the ability to identify, formulate and solve complex engineering problems by applying principles of engineering, science and mathematics
- ABET 6: Will demonstrate an ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions
- ABET 7: Will demonstrate the ability to acquire and apply new knowledge as needed, using appropriate learning strategies

**Global Opportunities:**

Global Experience: With over 300 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad (<https://goglobal.asu.edu/>) is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a future-focused career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs.

**Career Opportunities:** Graduates in industrial engineering are prepared to design and manage systems for a wide range of organizations. They find exciting career opportunities in all types of manufacturing and service industries, including:

- banking and finance
- defense and government
- health care
- hospitality, sports and entertainment
- management consulting
- manufacturing (e.g., aerospace, automotive, semiconductor)
- software industry
- telecommunication
- transportation and logistics

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another



state. For more information, students should visit the ASU professional licensure webpage (<https://admission.asu.edu/academics/licensure>).

Students should note that not all programs within the Fulton Schools of Engineering lead to professional licensure.

**Contact Information:**

Engineering, Ira A. Fulton Schools of  
Industrial, Systems & Operations Engineering Prgm  
<https://scai.engineering.asu.edu/industrial-engineering-bse/>  
CTRPT 105  
SCAI.Undergrad.Admission@asu.edu  
480-965-3199

## Informatics, BS (ESCPIBS)

**Campus:** Tempe

**Program Description:** Informatics is about discovering, developing and understanding computer applications that improve people's lives. The BS program in informatics prepares students to become skilled professionals who take a transdisciplinary, user-oriented perspective toward information and computing systems, apply current informatics methods to address society's needs and contribute to the next generation of such systems.

The informatics bachelor's degree program provides an option for students interested in a flexible program in applied information and computing technologies. The program provides skills in design and implementation of computer systems while offering opportunities for building applications used by people in many fields. Students learn to develop software for devices of all sizes, from supercomputers to cell phones and even smaller. The challenges of informatics include designing, developing and applying tools that model, aid or automate activities within science, engineering, business, geography, education and entertainment.

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 210 - Brief Calculus or MAT 265 Calculus for Engineers I

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

- Global Management (Creative Industries and Design Thinking), MGM
- Global Management (Data Science), MGM
- Global Management (Digital Audience Strategy), MGM
- Global Management (Global Affairs), MGM
- Global Management (Global Business), MGM
- Global Management (Global Development and Innovation), MGM
- Global Management (Global Digital Transformation), MGM
- Global Management (Global Entrepreneurship), MGM
- Global Management (Global Health Care Delivery), MGM
- Global Management (Global Legal Studies), MGM
- Global Management (Integrated Health Care), MGM
- Global Management (Nonprofit Leadership and Management), MGM
- Global Management (Public Administration), MGM
- Global Management (Public Policy), MGM
- Global Management (Sustainability Solutions), MGM
- Global Management (Sustainable Tourism), MGM
- Global Management, MGM
- Robotics and Autonomous Systems (Artificial Intelligence), MS

the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

#### **Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university admission standards. International students may have an additional English language proficiency (<https://admission.asu.edu/international/undergrad/english-proficiency>) criterion. International students must meet the same admission requirements shown below with the possible additional requirement of a minimum English proficiency test score. If the university requires an English proficiency test score from the applicant, then admission to engineering requires a minimum TOEFL iBT score of 79 (internet-based test, taken in a testing center), a minimum IELTS score of 6.5, a minimum PTE score of 58, or a minimum Duolingo English score of 105.

First-year admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score or a minimum high school cumulative GPA of 3.00 in ASU competency courses or class ranking in top 25% of high school class, and
- A competency deficiency in either math or laboratory science is allowed. Competency deficiencies in both math and science are not allowed.

Transfer Admission Requirements: Transfer students with fewer than 24 transferable college credit hours:

- Minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- A competency deficiency in either math or laboratory science is allowed. Competency deficiencies in both math and science are not allowed, and
- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or a minimum high school GPA of 3.00 in ASU competency courses, or class ranking in top 25% of high school class.

Transfer students with more than 24 transferable college credit hours:

Primary Criteria

- Minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- A competency deficiency in either math or laboratory science is allowed. Competency deficiencies in both math and science are not allowed (if Admission Services requires submission of a high school transcript).

Secondary Criteria

- minimum transfer GPA of 2.75 for 24 or more transfer hours, and
- minimum GPA of 2.75 in CPI 101 Introduction to Informatics, CSE 110 Principles of Programming, CSE 205 Object-oriented Programming and Data Structures, and MAT 242 Elementary Linear Algebra

**Change of Major Requirements:** Admission requirements (<https://engineering.asu.edu/admission-requirements/>) for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESCPIBS~null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Master the principles for the usage, design, construction, and evaluation of Informatics systems (ABET target)
- Demonstrate an in-depth understanding and development skill of the Informatics knowledge of the chosen focal area.
- Apply principles of computing and other relevant disciplines to analysis of practical problems and development of solutions.

**Global Opportunities:**

Global Experience: With over 300 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad (<https://goglobal.asu.edu/>) is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a future-focused career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs.

**Career Opportunities:** Informatics careers center on solving problems through the design and creation of information systems, user interfaces, mobile technologies and social media.

Graduates have the ability to develop future information technology solutions that place a strong emphasis on user needs and provide the ability to adapt and change dynamically with society's needs. This makes the informatician a strong candidate for jobs in:

- data analytics
- management consulting firms
- technology research centers
- technology startups

Additionally, they are prepared for graduate programs that offer an emphasis in emerging technologies.

**Contact Information:**

Engineering, Ira A. Fulton Schools of  
Computer Science and Engineering Program  
<https://scai.engineering.asu.edu/informatics/>  
CTRPT 105  
SCAI.Undergrad.Admission@asu.edu  
480-965-3199

## Information Technology, BS (TSIFTBS)

**Campus:** Polytechnic, Online

**Program Description:** Technology continues to evolve each day. Every organization needs IT professionals to protect their networks, troubleshoot computer systems, develop applications and manage IT projects.

The BS program in information technology covers key disciplines that incorporate emerging technologies, including agile software development, data management and analytics, network administration, cloud computing and cybersecurity.

Students have the opportunity to select technical electives in different interdisciplinary areas. Students learn in a project-driven curriculum with a learn-by-doing approach so they are prepared for careers in information technology.

Accredited by the Computing Accreditation Commission of ABET, <https://www.abet.org/> (<https://www.abet.org/>).

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 210 - Brief Calculus

**Program Math Intensity:** Substantial

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus

master's degree with::

Information Technology, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

#### **Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-information-technology/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TSIFTBS~null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Ability to analyze a complex computing problem and to apply principles of computing and other relevant disciplines to identify solutions (ABET)
- Ability to design, implement and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline (ABET)
- Ability to communicate effectively in a variety of professional contexts (ABET)
- Ability to recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles (ABET)
- Ability to function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline (ABET)
- Ability to use systemic approaches to select, develop, apply, integrate and administer secure computing technologies to accomplish user goals (ABET)
- Ability to demonstrate an ability to assist in the creation of an effective project plan (ABET)

#### **Global Opportunities:**

Global Experience: With over 300 programs Global Education program opportunities (<https://goglobal.asu.edu/>) in more than 65 countries available (programs vary in length, from one week to one year), engineering students are able to tailor their experience to their unique interests and skill sets. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs.

**Career Opportunities:** IT careers are growing fast according to the Bureau of Labor Statistics: <https://www.bls.gov/ooh/computer-and-information-technology/home.htm> (<https://www.bls.gov/ooh/computer-and-information-technology/home.htm>). The exciting career path of an IT professional can place graduates in positions around the world, in any industry. Such industries include:

- biomedical
- construction

- defense
- education
- entertainment
- geospatial
- informatics
- sports
- sustainable environments

**Contact Information:**

Engineering, Ira A. Fulton Schools of  
 Information Technology  
<https://poly.engineering.asu.edu/it/>  
 SUTON 240  
 polyadvising@asu.edu  
 480-727-1874

## Manufacturing Engineering, BS (TSMEGRBS)

**Campus:** Polytechnic

**Program Description:** Successful manufacturing enterprises prosper in the global marketplace through a balance of design, sustainability, quality and production. Manufacturing engineering combines manufacturing processes (e.g., how materials are altered in either shape or properties) and the processes of manufacturing (e.g., design and management of manufacturing systems).

The BS program in manufacturing engineering prepares students to analyze, synthesize and control manufacturing operations using statistical methods; to collaborate across disciplines to design and build automated manufacturing systems for factory operation; to design innovative products and the equipment, tooling and environments necessary for their manufacture; to model, simulate and analyze manufacturing production processes for both small- and large-scale environments; and to provide technological leadership.

The curriculum is project-based, hands-on, teamwork-oriented and delivered in outstanding fabrication facilities. Graduates of this program become key team members who create and implement processes for making such varied products as airplanes, surgical instruments, toys and foodstuffs.

Accredited by the Engineering Accreditation Commission of ABET; <https://www.abet.org> (<https://www.abet.org>).

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 265 - Calculus for Engineers I

**Program Math Intensity:** Substantial

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

- Engineering, MS
- Manufacturing Engineering, MS
- Robotics and Autonomous Systems (Systems Engineering), MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TSMEGRBS~null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Students learn to thrive in a global environment through the rich educational and interpersonal experiences inherent in study abroad. A resume enhanced by the valuable study abroad experience will impress prospective employers and it will also help the student stand out should they decide to pursue advanced study.

With over 300 Global Education program opportunities (<https://goglobal.asu.edu>) available, students are able to tailor their experience to their unique interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

**Career Opportunities:** Engineers collaborate on transdisciplinary teams to design, manufacture and deliver innovative technological products and services.

Graduates possess the technical skills in tandem with the professional skills of communication, teamwork and collaboration and the self-motivation and adaptability that many employers seek. Graduates are prepared to work in large corporations, government agencies and small businesses as well as to go on to graduate school in pursue advanced degrees. The program's emphasis on open-ended design and project-based learning supports the development of entrepreneurial skills and attitudes, and some students start companies of their own.

Graduates typically work as manufacturing engineers in a variety of companies, large and small. They are often members of design and development teams, cooperating with other people within and outside of their company. Career employment opportunities include direct manufacturing support, manufacturing management, and quality control and assurance. Small and new startup companies value the strong, broad and practical engineering skill set of program graduates. Program graduates are well-placed and command top salaries.

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

Students should note that not all programs within the Fulton Schools of Engineering lead to professional licensure.

**Contact Information:**

Engineering, Ira A. Fulton Schools of

School of Manufacturing Systems and Networks

<https://msn.engineering.asu.edu/degrees/manufacturing-engineering-bs/>

SANCA 331

[msnadvising@asu.edu](mailto:msnadvising@asu.edu)

480-727-2097

## Materials Science and Engineering, BSE (ESMSEBSE)

**Campus:** Tempe

**Program Description:** Novel materials are tailored to meet the needs of targeted applications and become the foundation for all engineering disciplines. Such materials enable many new technologies and are commonly used in bioengineering and medicine, pharmaceuticals, electronics, optics, architecture and transportation, aviation and aerospace, energy conversion, environmental engineering and numerous industrial systems.

Materials science and engineering is concerned with the discovery, synthesis, processing, manufacturing and characterization of substances within these general classes of materials: sustainable materials, polymers, metals, semiconductors, ceramics and composites. An understanding of the molecular structure and well-designed processing are the keys to engineering materials with outstanding properties for next-generation applications.

Courses in the undergraduate program in materials science and engineering prepare students to discover and design new and better materials that make an impact on and improve people's lives and keep America on the cutting edge of technology.

Accredited by the Engineering Accreditation Commission of ABET, <https://www.abet.org> (<https://www.abet.org>)

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 265 - Calculus for Engineers I

**Program Math Intensity:** Substantial

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Materials Science and Engineering, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university admission standards. International students may have an additional English language proficiency (<https://admission.asu.edu/international/undergrad/english-proficiency>) criterion. International students must meet the same admission requirements shown below with the possible additional requirement of a minimum English proficiency test score. If the university requires an English proficiency test score from the applicant, then admission to engineering requires a minimum TOEFL iBT score of 79 (internet-based test, taken in a testing center), a minimum IELTS score of 6.5, a minimum PTE score of 58, or a minimum Duolingo English score of 105.

First-year admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score or a minimum high school cumulative GPA of 3.00 in ASU competency courses or class ranking in top 25% of high school class, and
- no high school math or science competency deficiencies

Transfer Admission Requirements: Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or a minimum high school GPA of 3.00 in ASU competency courses, or class ranking in top 25% of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary OR the secondary criteria (not both):

Primary Criteria

- minimum transfer GPA of 3.00 for 24 or more transfer hours, and

- no high school math or science competency deficiencies (if Admission Services requires submission of a high school transcript)

#### Secondary Criteria

- minimum transfer GPA of 2.75 for 24 or more transfer hours, and
- minimum GPA of 2.75 in all critical courses for Terms 1 and 2 (see major map for critical courses)

**Change of Major Requirements:** Admission requirements (<https://engineering.asu.edu/admission-requirements>) for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESMSEBSE~null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### Program Learning Outcomes:

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Demonstrate integration of relationships of structure-property-performance-processing and apply them to modern engineering problems involving electronic, sustainability, polymeric, ceramic, and other material systems using materials science characterization, computational and statistical methods.
- Solve complex engineering problems by identifying, formulating and applying principles of material science and engineering.
- Develop and conduct appropriate experimentation, by analyzing and interpreting materials characterization or computational datasets, and conduct appropriate experimentation and use engineering judgment to draw scientific and engineering conclusions applicable to modern engineering questions.

#### Global Opportunities:

Global Experience: A study abroad (<https://goglobal.asu.edu/>) experience can equip students with the skills they need to effectively and efficiently work with people anywhere in the world. It grants them the chance to gain an international viewpoint on not only engineering itself, but on being a human in this increasingly global world.

Participation in a Global Education program helps students broaden their own horizons and open up possibilities they may have not known existed. Students gain valuable, resume-enhancing experience when studying abroad, and students stand out in a competitive field with the heightened cultural competency and leadership and critical thinking skills they acquired when studying abroad.

The Ira A. Fulton Schools of Engineering recommends these programs (<https://goglobal.asu.edu/students/major/SEMTE/materials-science-engineering>) for student majoring in materials science and engineering.

**Career Opportunities:** Since materials science and engineering has such wide-scale applications, graduates find jobs in virtually every field, such as aerospace, defense, auto industry, telecommunications, microelectronics, computers, bioengineering, sports, renewable energy, academia and national research labs. They are among the highest paid scientists and engineers.

#### Program education objectives

The materials science and engineering program has the following educational objectives:

- Graduates can solve real-world materials engineering challenges within their organizations by applying the required technical knowledge, skills and critical thinking.
- Graduates will have made demonstrable progress toward a graduate degree or be considered for a technical promotion potentially within three to five years of graduation.
- Graduates can demonstrate professionalism, leadership, lifelong learning, professional development and ability to work in teams, and hold positions of increasing responsibility within their organizations.
- Graduates can demonstrate an ethical approach to their profession including consideration of economic, societal, cultural and environmental impact.

#### Student outcomes

Graduates of materials science and engineering program are expected to have attained the following outcomes:

- an ability to identify, formulate and solve complex engineering problems by applying principles of engineering, science and mathematics



- an ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety and welfare, as well as global, cultural, social, environmental and economic factors
- an ability to communicate effectively with a range of audiences
- an ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental and societal contexts
- an ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives
- an ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions
- an ability to acquire and apply new knowledge as needed, using appropriate learning strategies

An additional outcome for ASU materials science and engineering graduates is to demonstrate integration of relationships of structure, properties, processing and performance related to material systems using experimental, computational and statistical methods.

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

Students should note that not all programs within the Fulton Schools of Engineering lead to professional licensure.

**Contact Information:**

Engineering, Ira A. Fulton Schools of  
Materials Science and Engineering Program  
<https://semte.engineering.asu.edu/materials-science-and-engineering-bse/>  
ECG 202  
semte@asu.edu  
480-965-2335

## Mechanical Engineering, BSE (ESMAEMBSE)

**Campus:** Tempe, Online

**Program Description:** Mechanical engineering is a creative, diverse discipline. Mechanical engineers design, build and control the devices, machines, processes and systems that are the mainstay of modern industrialized society.

Students prepare for a career in mechanical engineering through a curriculum that includes the study of the principles governing energy transfer, mechanical design, sensors and control devices and the application of these principles to the creative solution of practical modern problems.

Accredited by the Engineering Accreditation Commission of ABET, <http://www.abet.org> (<http://www.abet.org>).

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 265 - Calculus for Engineers I

**Program Math Intensity:** Substantial

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

- Aerospace Engineering, MS
- Materials Science and Engineering, MS
- Mechanical Engineering, MS
- Modern Energy Production and Sustainable Use, MS
- Robotics and Autonomous Systems (Mechanical and Aerospace Engineering), MS

the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

### Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university admission standards. International students may have an additional English language proficiency (<https://admission.asu.edu/international/undergrad/english-proficiency>) criterion. International students must meet the same admission requirements shown below with the possible additional requirement of a minimum English proficiency test score. If the university requires an English proficiency test score from the applicant, then admission to engineering requires a minimum TOEFL iBT score of 79 (internet-based test, taken in a testing center), a minimum IELTS score of 6.5, a minimum PTE score of 58, or a minimum Duolingo English score of 105.

First-year admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score or a minimum high school cumulative GPA of 3.00 in ASU competency courses or class ranking in top 25% of high school class, and
- no high school math or science competency deficiencies

Transfer Admission Requirements: Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or a minimum high school cumulative GPA of 3.00 in ASU competency courses, or class ranking in top 25% of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary or the secondary criteria (not both):

Primary Criteria

- minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- no high school math or science competency deficiencies (if Admission Services requires submission of a high school transcript)

Secondary Criteria

- minimum transfer GPA of 2.75 for 24 or more transfer credit hours, and
- minimum GPA of 2.75 in all critical courses: MAE 201, MAE 202, MAE 213 and MAE 241

**Change of Major Requirements:** Admission requirements (<https://engineering.asu.edu/admission-requirements>) for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards. Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

### Attend Online:

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-mechanical-engineering/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

### Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESMAEMBSE~null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

### Program Learning Outcomes:

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Apply principles of mathematics and science to solve complex engineering problems.

- Apply engineering design to a student project with consideration of public welfare/other factors.
- Develop and conduct engineering experiments, and analyze and interpret data.

### Global Opportunities:

Global Experience: Students gain valuable, resume-enhancing experience when studying abroad (<https://goglobal.asu.edu/>). With over 300 programs available, study abroad allows students to tailor their experience to their unique interests and skill sets. Students in mechanical engineering are able to gain hands-on experience in a variety of countries around the world. In a competitive field, students stand out with the heightened cultural competency and leadership and critical thinking skills they acquired when studying abroad.

The Ira A. Fulton Schools of Engineering recommends these programs (<https://goglobal.asu.edu/students/major/SEMTE/mechanical-engineering>) for student majoring in mechanical engineering.

**Career Opportunities:** Mechanical engineers are employed in virtually every kind of industry. They are involved in seeking new knowledge through research; generating creative design and development; and in the production, control, management and sales of the devices and systems needed by society. Therefore, a major strength of a mechanical engineering education is the flexibility it provides in future employment opportunities for its graduates.

The BSE program in mechanical engineering has the following program educational objectives:

Through activities such as volunteering, entrepreneurial endeavors, community service, and their employment, graduates of the mechanical engineering program demonstrate commitment to the Sun Devil ideals of global engagement, social embeddedness, social transformation and sustainability.

Graduates of the mechanical engineering program should have attained one or more of the following objectives within a few years after earning their degree:

- employment in engineering or other fields in a position that capitalizes on the skills and abilities gained through the degree program in mechanical engineering (holding positions of increasing responsibility and leadership within their organizations)
- admission into a graduate degree program in mechanical engineering or other technical field
- admission into a professional degree program, such as law, business or medicine, in accordance with the specific interests and abilities of the graduate

Graduates of the mechanical engineering program are expected to attain the following outcomes:

- an ability to identify, formulate and solve complex engineering problems by applying principles of engineering, science and mathematics
- an ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental and economic factors
- an ability to communicate effectively with a range of audiences
- an ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental and societal contexts
- an ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks and meet objectives
- an ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions
- an ability to acquire and apply new knowledge as needed, using appropriate learning strategies

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

Students should note that not all programs within the Fulton Schools of Engineering lead to professional licensure.

### Contact Information:

Engineering, Ira A. Fulton Schools of  
 Mechanical and Aerospace Engineering Program  
<https://semte.engineering.asu.edu/mechanical-engineering-bse/>  
 ECG 202  
 semte@asu.edu  
 480-965-2335

## Mechanical Engineering (Computational Mechanics), BSE (ESMAECBSE)

**Campus:** Tempe

**Program Description:** The concentration in computational mechanics under the BSE program in mechanical engineering teaches students the modern computational tools available for solving large-scale and complex technical problems. The curriculum focuses on high-performance

computing and the accurate modeling of large and small scale systems.

Accredited by the Engineering Accreditation Commission of ABET, <http://www.abet.org> (<http://www.abet.org>).

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 265 - Calculus for Engineers I

**Program Math Intensity:** Substantial

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

- Aerospace Engineering, MS
- Materials Science and Engineering, MS
- Mechanical Engineering, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university admission standards. International students may have an additional English language proficiency (<https://admission.asu.edu/international/undergrad/english-proficiency>) criterion. International students must meet the same admission requirements shown below with the possible additional requirement of a minimum English proficiency test score. If the university requires an English proficiency test score from the applicant, then admission to engineering requires a minimum TOEFL iBT score of 79 (internet-based test, taken in a testing center), a minimum IELTS score of 6.5, a minimum PTE score of 58, or a minimum Duolingo English score of 105.

First-year admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score or a minimum high school cumulative GPA of 3.00 in ASU competency courses or class ranking in top 25% of high school class, and
- no high school math or science competency deficiencies

Transfer Admission Requirements: Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or a minimum high school cumulative GPA of 3.00 in ASU competency courses, or class ranking in top 25% of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary or the secondary criteria (not both):

Primary Criteria

- minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- no high school math or science competency deficiencies (if Admission Services requires submission of a high school transcript)

Secondary Criteria

- minimum transfer GPA of 2.75 for 24 or more transfer credit hours, and

- minimum GPA of 2.75 in all critical courses: MAE 201, MAE 202, MAE 213 and MAE 241.

**Change of Major Requirements:** Admission requirements (<https://engineering.asu.edu/admission-requirements>) for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards. Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESMAECBSE~null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Apply principles of mathematics and science to solve complex engineering problems.
- Apply engineering design to student project with consideration of public welfare/other factors.
- Develop and conduct engineering experiments, and analyze and interpret data.

#### **Global Opportunities:**

Global Experience: Students gain valuable, resume-enhancing experience when studying abroad (<https://goglobal.asu.edu/>). With over 300 programs available, study abroad allows students to tailor their experience to their unique interests and skill sets. Students focusing on computational mechanics are able to gain hands-on experience in a variety of countries around the world. In a competitive field, students stand out with the heightened cultural competency and leadership and critical thinking skills they acquired through their study abroad opportunity.

Ira A. Fulton Schools of Engineering recommends these programs (<https://goglobal.asu.edu/students/major/SEMTE/mechanical-engineering>) for student majoring in mechanical engineering with a concentration in computational mechanics.

**Career Opportunities:** As mathematical and numerical modeling takes on a much larger role in product development, graduates who are highly skilled in computational and mathematical engineering will be in high demand.

Mechanical engineers are employed in virtually every kind of industry. They are involved in seeking new knowledge through research; generating creative design and development; and in the production, control, management and sales of the devices and systems needed by society. Therefore, a major strength of a mechanical engineering education is the flexibility it provides in future employment opportunities for its graduates.

The mechanical engineering program has the following program educational objectives:

Through activities such as volunteering, entrepreneurial endeavors, community service, and their employment, graduates of the mechanical engineering program will demonstrate commitment to the Sun Devil ideals of global engagement, social embeddedness, social transformation and sustainability.

Graduates of the mechanical engineering program should have attained one or more of the following objectives within a few years after earning their degree:

- employment in engineering or other fields in a position that capitalizes on the skills and abilities gained through the degree program in mechanical engineering (holding positions of increasing responsibility and leadership within their organizations)
- admission into a graduate degree program in mechanical engineering or other technical field
- admission into a professional degree program, such as law, business or medicine, in accordance with the specific interests and abilities of the graduate

Graduates of the mechanical engineering program are expected to attain the following outcomes:

- an ability to identify, formulate and solve complex engineering problems by applying principles of engineering, science and mathematics
- an ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental and economic factors
- an ability to communicate effectively with a range of audiences
- an ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental and societal contexts
- an ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks and meet objectives
- an ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions

- an ability to acquire and apply new knowledge as needed, using appropriate learning strategies

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

Students should note that not all programs within the Fulton Schools of Engineering lead to professional licensure.

**Contact Information:**

Engineering, Ira A. Fulton Schools of  
Mechanical and Aerospace Engineering Program  
<https://semte.engineering.asu.edu/mechanical-engineering-bse/>  
ECG 202  
semte@asu.edu  
480-965-2335

## Mechanical Engineering (Energy and Environment), BSE (ESMAEEBSE)

**Campus:** Tempe

**Program Description:** The concentration in energy and environment within the BSE program in mechanical engineering is designed to prepare students to analyze technical problems in:

- air pollution
- climate change
- energy efficiency
- environmental sustainability
- renewable energy
- timely issues facing the global community

Although the primary focus of this program is technical, the general education courses in the areas of the humanities and social and behavioral sciences introduce students to the global, political and societal issues relating to energy and the environment.

By focusing on issues such as air pollution, water scarcity and the lack of alternative transportation, graduates from the program are attractive to employers in the greater Phoenix area as well as nationwide.

Accredited by the Engineering Accreditation Commission of ABET, <http://www.abet.org> (<http://www.abet.org>).

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 265 - Calculus for Engineers I

**Program Math Intensity:** Substantial

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Aerospace Engineering, MS  
Materials Science and Engineering, MS  
Mechanical Engineering, MS  
Modern Energy Production and Sustainable Use, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university admission standards. International students may have an additional English language proficiency (<https://admission.asu.edu/international/undergrad/english-proficiency>) criterion. International students must meet the same admission requirements shown below with the possible additional requirement of a minimum English proficiency test score. If the university requires an English proficiency test score from the applicant, then admission to engineering requires a minimum TOEFL iBT score of 79 (internet-based test, taken in a testing center), a minimum IELTS score of 6.5, a minimum PTE score of 58, or a minimum Duolingo English score of 105.

First-year admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score or a minimum high school cumulative GPA of 3.00 in ASU competency courses or class ranking in top 25% of high school class, and
- no high school math or science competency deficiencies

Transfer Admission Requirements: Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 3.00 for less than 24 transfer hours, and
- no high school math or science competency deficiencies, and
- minimum 1210 SAT combined evidence-based reading and writing plus math score (or 1140 if taken prior to March 5, 2016) or minimum 24 ACT combined score, or a minimum high school cumulative GPA of 3.00 in ASU competency courses, or class ranking in top 25% of high school class

Transfer students with 24 or more transferable college credit hours must meet EITHER the primary or the secondary criteria (not both):

Primary Criteria

- minimum transfer GPA of 3.00 for 24 or more transfer hours, and
- no high school math or science competency deficiencies (if Admission Services requires submission of a high school transcript)

Secondary Criteria

- minimum transfer GPA of 2.75 for 24 or more transfer credit hours, and
- minimum GPA of 2.75 in all critical courses: MAE 201, MAE 202, MAE 213 and MAE 241.

**Change of Major Requirements:** Admission requirements (<https://engineering.asu.edu/admission-requirements>) for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESMAEEBSE~null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Apply principles of mathematics and science to solve complex engineering problems.
- Apply engineering design with consideration of public welfare/other factors.
- Develop and conduct engineering experiments, and analyze and interpret data.

**Global Opportunities:**

Global Experience: Students gain valuable experience when studying abroad (<https://goglobal.asu.edu/>), experience that can enhance their resumes. With over 300 programs available, study abroad allows students to tailor their experience to their unique interests and skill sets. Students focusing on energy and the environment are able to gain hands-on experience in a variety of countries around the world. In a competitive field, students stand out with the heightened cultural competency and leadership and critical thinking skills they acquired through their study abroad opportunity.

The Ira A. Fulton Schools of Engineering recommends these programs (<https://goglobal.asu.edu/students/major/SEMTE/mechanical-engineering>) for student majoring in mechanical engineering with a concentration in energy and environment.

**Career Opportunities:** Mechanical engineers are employed in virtually every kind of industry. They are involved in generating creative design and development; seeking new knowledge through research; and the production, control, management and sales of the devices and systems needed by society. Therefore, a major strength of a mechanical engineering education is the flexibility it provides in future employment opportunities for its graduates. Students completing this concentration have opportunities as environmental consultants; heating, ventilation and air-conditioning engineers; and power plant designers.

The mechanical engineering program has the following program educational objectives:

Through activities such as volunteering, entrepreneurial endeavors, community service, and their employment, graduates of the mechanical engineering program demonstrate commitment to the Sun Devil ideals of global engagement, social embeddedness, social transformation and sustainability.

Graduates of the mechanical engineering program should have attained one or more of the following objectives within a few years after completing their degrees:

- employment in engineering or other fields in a position that capitalizes on the skills and abilities gained through the degree program in mechanical engineering (holding positions of increasing responsibility and leadership within their organizations)
- admission into a graduate degree program in mechanical engineering or other technical field
- admission into a professional degree program, such as law, business or medicine, in accordance with the specific interests and abilities of the graduate

Graduates of the mechanical engineering program are expected to attain the following outcomes:

- an ability to identify, formulate and solve complex engineering problems by applying principles of engineering, science and mathematics
- an ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental and economic factors
- an ability to communicate effectively with a range of audiences
- an ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental and societal contexts
- an ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks and meet objectives
- an ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions
- an ability to acquire and apply new knowledge as needed, using appropriate learning strategies

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

Students should note that not all programs within the Fulton Schools of Engineering lead to professional licensure.

**Contact Information:**

Engineering, Ira A. Fulton Schools of  
Mechanical and Aerospace Engineering Program  
<https://semte.engineering.asu.edu/mechanical-engineering-bse/>  
ECG 202  
semte@asu.edu  
480-965-2335

## Software Engineering, BS (TSSERBS)

**Campus:** Polytechnic, Online

**Program Description:** The BS program in software engineering blends engineering, computing, project leadership and software construction.

Students learn how to make creative software solutions to today's problems. Software systems are complex, often including millions of lines of code. Graduates of the bachelor's degree program in software engineering possess the knowledge and skills of a defined engineering approach to complex systems analysis, planning, design and construction.

The program has a unique, project-driven curriculum, establishing a new model for software engineering education. The program is built around the concepts of engaged learning, discovery-based education and learn-by-doing. Students learn by solving engaging projects, commonly as a member of a development team. In every semester of the program, students complete projects that provide emphasis in communication, teamwork, critical thinking and professionalism. They have flexibility in designing their course of study, selecting technical electives from a pool of courses in different



software engineering application areas such as web and mobile applications, embedded systems and other interdisciplinary areas.

Accredited by the Engineering Accreditation Commission of ABET, <http://www.abet.org> (<http://www.abet.org>).

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 265 - Calculus for Engineers I

**Program Math Intensity:** Substantial

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

- Computer Science (Big Data Systems), MCS
- Computer Science (Cybersecurity), MCS
- Computer Science, MCS
- Robotics and Autonomous Systems (Artificial Intelligence), MS
- Software Engineering, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: The admission standards for majors in the Ira A. Fulton Schools of Engineering are higher than minimum university admission standards. International students may have an additional English language proficiency (<https://admission.asu.edu/international/undergrad/english-proficiency>) criterion. International students must meet the same admission requirements shown below with the possible additional requirement of a minimum English proficiency test score. If the university requires an English proficiency test score from the applicant, then admission to engineering requires a minimum TOEFL iBT score of 79 (internet-based test, taken in a testing center), a minimum IELTS score of 6.5, a minimum PTE score of 58, or a minimum Duolingo English score of 105.

First-year admission:

- minimum 1210 SAT combined evidence-based reading and writing plus math score or minimum 24 ACT combined score or a minimum high school cumulative GPA of 3.00 in ASU competency courses or class ranking in top 25% of high school class, and
- Admission may be granted with one deficiency in no more than two competency areas (<https://admission.asu.edu/first-year/competency-requirements>). Deficiencies in both math and laboratory science are not acceptable.

Transfer Admission Requirements: Transfer students with fewer than 24 transferable college credit hours:

- minimum transfer GPA of 2.75 for less than 24 transfer hours, and
- satisfy the freshmen admission requirements

Transfer students with more than 24 transferable college credit hours:

- minimum transfer GPA of 2.75 for 24 or more transfer hours, and

- If Admission Services requires submission of a high school transcript, admission may be granted with one deficiency in no more than two competency areas (<https://admission.asu.edu/first-year/competency-requirements>). Deficiencies in both math and laboratory science are not acceptable.

**Change of Major Requirements:** Admission requirements (<https://engineering.asu.edu/admission-requirements/>) for many majors in the Ira A. Fulton Schools of Engineering are higher than university admission standards. Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-software-engineering/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TSSERBS~null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics (ABET 1)
- Apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors. (ABET 2)
- Use the techniques, skills, and modern engineering tools and processes necessary for software engineering practice. (ABET-SER1)

**Global Opportunities:**

Global Experience: Students in software engineering gain valuable hands-on experience when studying abroad, experience which enhances their resumes. With more than 300 programs available in a variety of countries around the world, study abroad allows students to tailor their experience to their unique interests and skill sets. In a competitive field, students stand out with the heightened cultural competency and the leadership and critical thinking skills they achieved when studying abroad. More information on available programs can be found on the Global Education website (<https://goglobal.asu.edu/>).

**Career Opportunities:** Software engineers solve a broad set of transdisciplinary problems and apply new technologies to improve the quality of life.

Graduates are prepared for advanced study in computing or an allied field or to enter the computing profession, most commonly as application software engineers. They design and engineer innovative systems that may include mechanical and electrical components that interact with software.

According to the Bureau of Labor Statistics, software engineers are highly paid, and there is significant growth in the number of employment opportunities. Some software engineering jobs may include:

- creating applications for mobile devices
- creating web applications
- designing, creating and validating software for avionics, robotics and similar systems fields

**Contact Information:**

Engineering, Ira A. Fulton Schools of  
Software Engineering  
<https://scai.engineering.asu.edu/software-engineering-bs/>  
PICO 245  
SCAI.Undergrad.Admission@asu.edu  
480-965-3199

## Technological Entrepreneurship and Management, BS (TSTEMBS)

**Campus:** Polytechnic, Online

**Program Description:** The BS program in technological entrepreneurship and management brings a STEAM (science, technology, engineering, arts and mathematics) focus to coursework in order to prepare students to address social and corporate issues that can impact and change the world. Students learn to create, launch and improve technology-based products, services and ventures, and identify and solve open-ended problems using engineering and technological approaches.

After completing this program, students should be able to demonstrate the ability to identify, analyze and synthesize information to address and solve use-inspired, open-ended problems, assessing their impact on social, cultural and economic environments; formulate methodologies to advance the knowledge of entrepreneurship and innovation; launch technology-based products and services from idea generation through actualization; use quantitative and qualitative methods to demonstrate continuous improvement of products, services and processes; and utilize a systems approach for the effective design and improvement of entrepreneurial and innovation ventures.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 210 - Brief Calculus

**Program Math Intensity:** Moderate

### Concurrent Program Options:

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

### Accelerated Program Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

- Applied Leadership and Management, MALM
- Global Management, MGM
- Global Technology and Development, MS
- Leadership and Management, MLM
- Technology (Management of Technology), MSTech

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

### Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

### Attend Online:

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

### Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TSTEMBS~null + &college=CES>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Implement venture management of technology, management of processes, and management of human capital.
- Demonstrate proficiency in collaborating with diverse team members through a professional team presentation that conveys innovation improvements for businesses or organizations.
- Apply systems thinking, data-driven decision making, and research to optimize decision(s) to solve complex problems for a variety of industries/organizations.
- Demonstrate proficiency in critical thinking by developing a strategic management plan that includes analysis of issues, assumptions, evidence, and implications.
- Demonstrate proficiency in navigating the intersection of technology management and engineering through management of a creative engineering solution to innovate a new product or process.

#### **Global Opportunities:**

Global Experience: With over 300 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation for their career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. More information on available programs can be found on the Global Education Office website (<https://goglobal.asu.edu/>).

**Career Opportunities:** Graduates of the technological entrepreneurship and management program possess a range of skills that are needed in order to develop and innovate products and services that meet corporate and social demands.

Graduates are prepared for a wide variety of career possibilities, including technology-based entrepreneurship, product development, consulting, venture capital analysis, business development, market analysis and technology marketing.

#### **Contact Information:**

Engineering, Ira A. Fulton Schools of  
Tech Entrepreneurship & Mgmt  
<https://poly.engineering.asu.edu/tem/bs-in-technological-entrepreneurship-and-management/>  
SUTON 240  
polyadvising@asu.edu  
480-727-1874

## **Global Futures, College of**

### **Applied Mathematics for the Life and Social Sciences, BS (LAAMLBS)**

**Campus:** Tempe

**Program Description:** The BS in applied mathematics for the life and social sciences is unlike any other math program. It offers a novel approach to investigating, integrating and solving problems in the physical, life and social sciences in such topics as mass violence, contagion, wildlife-human interactions and the transmission of behaviors through influence.

Degree seekers in this program are immersed in the use of mathematical theory, modeling and computational methods while collaborating with and contributing to diverse fields such as anthropology, global health and environmental social science.

The insights and skills gained allow graduates to confidently create accurate, versatile and practical answers desperately needed in order to improve or remedy real-life issues.

#### **STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 270 - Calculus w/Analytic Geometry I

**Program Math Intensity:** Substantial

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAAMLBS~null + &college=CGF>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Students studying applied mathematics can gain valuable experience through study abroad opportunities (<https://goglobal.asu.edu/>) that enhance their overall college experience and prepare them for careers upon graduation. The wide range of faculty-directed study abroad programs are designed to connect students with real life issues that impact local communities yet transect borders.

Graduates who possess the heightened cultural competency and leadership and critical thinking skills acquired through study abroad may stand out in a competitive field.

**Career Opportunities:** Graduates of the program possess the quantitative, scientific and analytical skills that are critical for professionals working in the environmental, life, health, mathematical and social science fields. Nationally recognized experts ensure graduates are well equipped for prestigious career paths in government, medicine, technology, security or other fields requiring rigorous data analysis, with an insight into human behavior.

The need for scientists and professionals quantitatively trained in the life and social sciences is strong in Arizona and the nation. This program's applied use of mathematics, modeling, statistics and simulation methodologies are in high demand and provide excellent training for future academics and professionals in industries including:

- bioinformatics
- computational sciences
- ecology
- genomics
- data mining
- mathematical analysis
- mathematical epidemiology
- nonlinear dynamics
- population dynamics
- social science

**Contact Information:**

Global Futures, College of  
School of Complex Adaptive Systems  
<https://scas.asu.edu>  
WCPH 4th floor

## Innovation in Society, BA (FIFISBA)

**Campus:** Tempe, Online

**Program Description:** The BA program in innovation in society is designed to help students cultivate the critical thinking skills needed for developing creative strategies that steer innovations toward the needs and values of society.

Students are trained to synthesize research and theory from the social sciences, humanities, natural sciences and engineering so they can develop proposals for how to build better futures for people and communities around the globe.

No single discipline is able to solve the complex problems society faces today. Science and engineering can help to further values such as health, economic prosperity, security, justice, peace, sustainability, privacy and happiness. But innovations need to be developed and deployed carefully and with an understanding of a global context that includes corporations, governments, infrastructure and people.

Students in this major learn to consider the implications of technology before it is deployed and to understand the big picture so that they can bring together the pieces needed to form a successful strategy. Classes include extensive use of interactive activities and projects.

The program is specifically tailored for students with a background or interest in the humanities and the artistic side of innovation who want to play a pivotal role in bringing different disciplines together to solve the world's most difficult problems.

**Additional Program Fee:** Y

**Second Language Requirement:** Yes

**First Required Math Course:** MAT 142 - College Mathematics or any math course that meets the MA designation.

**Program Math Intensity:** General

### Concurrent Program Options:

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

### Accelerated Program Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Global Technology and Development, MS

Public Interest Technology, MS

Science and Technology Policy, MSTP

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

### Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

### Attend Online:

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/innovation-in-society-bachelor-of-arts/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FIFISBA-null + &college=CGF>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Analyze and deconstruct complex social, technological, legal, ethical and social justice issues using multiple strategies.
- Apply foresight methods to assess emerging trends and plausible futures.
- Design creative strategies to address current societal and technological challenges.

**Global Opportunities:**

Global Experience: New innovations impact lives around the world. Global Education (<https://goglobal.asu.edu/>) expands students' knowledge of different places, cultures and people; enhances research experience; and challenges students to persevere in unfamiliar circumstances. With more than 300 options available, students can tailor their experience to their unique interests and skill sets. Whether it's in a foreign country, in the U.S. or online, students studying innovation in society are able to expand their knowledge of different places and gain important perspectives from different peoples and cultures.

The School for the Future of Innovation in Society recommends these programs (<https://goglobal.asu.edu/students/major/innovation-society>) for students majoring in innovation in society.

**Career Opportunities:** The rapid advances in science and technology are providing opportunities and challenges for employers around the world. Corporations, government agencies and nonprofits need people who are equipped to understand what those changes mean for the organization's goals and operations. There is a need for people who understand how innovation happens, who have the analytical skills to deal with complex challenges, and who can develop effective strategies and policies that will guide change.

Graduates of this program have the skills that enable them to work collaboratively with experts from a variety of backgrounds in a variety of sectors to provide problem-solving, analysis, quality assurance, future planning, technology assessment, and communication and facilitation on issues related to innovation in science and technology.

Graduates are well prepared for careers in the tech sector, nonprofits, government and the arts. They are also prepared for advanced education (e.g., law, MBA, policy, social work, global development) and graduate research across a variety of disciplines.

From the School for the Future of Innovation in Society's 2021 alumni employment survey, 83% of undergraduate alumni that responded are either employed or pursuing continuing education. Of those respondents employed, 60% have jobs directly related to their degree. Students can seek additional employment data from our alumni by visiting the College of Global Futures careers site (<https://collegeofglobalfutures.asu.edu/careers/employment-data/>).

**Contact Information:**

Global Futures, College of  
School for the Future of Innovation in Society  
<https://sfis.asu.edu/degree-programs/undergrad/ba/>  
WCPH 400LT  
cgfadvising@asu.edu  
480-727-6963

## Innovation in Society, BS (FIFISBS)

**Campus:** Tempe, Online

**Program Description:** The BS program in innovation in society is designed to help students cultivate the critical thinking skills needed for developing creative strategies that steer innovations toward the needs and values of society. Students are trained to synthesize research and theory from the social sciences, humanities, natural sciences and engineering so they can develop proposals for how to build better futures.

No single discipline is able to solve the complex problems society faces today. Science and engineering can help us further values such as health, economic prosperity, security, justice, peace, sustainability, privacy and happiness. But innovations need to be developed and deployed carefully and with an understanding of a global context that includes corporations, governments, infrastructure and people.

Students in this major learn to consider the implications of technology before it is deployed and understand the big picture so that they can bring together the pieces needed to form a successful strategy. Classes include extensive use of interactive activities and projects.

The program is specifically tailored for students who have a background or interest in the engineering, science and quantitative social science aspects of innovation who want to play a pivotal role in bringing different disciplines together to solve the world's most difficult problems.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 170 - Precalculus

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

Global Technology and Development, MS

Public Interest Technology, MS

Science and Technology Policy, MSTP

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/innovation-society-bs/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=FIFISBS-null + &college=CGF>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Analyze and deconstruct complex social, technological, legal, ethical and social justice issues using multiple strategies.
- Apply foresight methods to analyze emerging trends and plausible futures.
- Design creative strategies to address current societal and technological challenges.



**Global Opportunities:**

Global Experience: With over 300 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire a global perspective and knowledge in preparation for their career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. More information can be found on the Global Education Office (<https://goglobal.asu.edu/>) website.

New innovations impact lives around the world. Whether it's in a foreign country, in the U.S., or online, students studying innovation in society are able to expand their knowledge of different places and gain important perspectives from different peoples and cultures. These programs (<https://goglobal.asu.edu/students/major/innovation-society>) are recommended for students majoring in innovation in society.

**Career Opportunities:** The rapid advances in science and technology are providing both opportunities and challenges for employers around the world. Corporations, government agencies and nonprofits all need people who are equipped to understand what those changes mean for the organization's goals and operations. They need people who can understand how innovation happens, have the analytical skills to deal with complex challenges, and can develop effective strategies and policies to guide change.

Graduates of this program have the skills to work collaboratively with experts from a variety of backgrounds in a variety of sectors providing problem-solving, analysis, quality assurance, future planning, technology assessment, and communication and facilitation on issues related to innovation in science and technology. Graduates are well prepared for careers in the tech sector, nonprofits and government.

Graduates are also prepared for advanced education (e.g., MBA, policy, social work, global development) and graduate research across a variety of disciplines. From the School for the Future of Innovation in Society's 2021 alumni employment survey, 83% of undergraduate alumni that responded are either employed or pursuing continuing education. Of those respondents employed, 60% have jobs directly related to their degree. Students can seek additional employment data from our alumni by visiting the College of Global Futures careers site (<https://collegeofglobalfutures.asu.edu/careers/employment-data/>).

**Contact Information:**

Global Futures, College of  
School for the Future of Innovation in Society  
<https://sfis.asu.edu/degree-programs/undergrad/bs/>  
WCPH 4th floor  
[cgfadvising@asu.edu](mailto:cgfadvising@asu.edu)  
480-727-6963

## Sustainability, BA (SUSUSTBA)

**Campus:** Tempe, Online

**Program Description:** Students in ASU's School of Sustainability are rethinking and reinventing the future of a world at risk. The school's programs encourage experiential learning, study abroad, research with faculty, community engagement and leadership development. The knowledge and solutions created today will shape the social and environmental quality of life for future generations.

The School of Sustainability offers two degrees in sustainability: a BA and a BS. Both programs introduce students to the concept of sustainability in the context of real-world challenges and focus on developing practical solutions and interventions to some of the most pressing environmental, economic and social challenges of sustainability. Students learn to approach challenges with consideration of complex adaptive systems and resilience, interconnections and cascading effects across scales, management of trade-offs, ethics and values, stakeholder engagement, future visioning and scenario typologies for transitioning systems, and other cutting-edge frameworks.

The Bachelor of Arts is geared toward students interested in the social and human aspects of sustainability in global, regional and local contexts such as international development and sustainability, policy and governance in sustainable systems, society and sustainability, and sustainable urban dynamics.

Students may find more information about opportunities within the School of Sustainability at these sites:

Study abroad (<https://collegeofglobalfutures.asu.edu/student-life/study-abroad/>)

Research (<https://schoolofsustainability.asu.edu/student-life/student-research/>)

Student clubs and organizations (<https://schoolofsustainability.asu.edu/student-life/campus-experience/student-sustainability-clubs-organizations>)

Internships (<https://schoolofsustainability.asu.edu/student-life/sustainability-internships-opportunities>)

Mentorship (<https://schoolofsustainability.asu.edu/student-life/mentorship-opportunities>)

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website.

The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** Yes

**First Required Math Course:** SOS 101 - Intro Appl Math Life & Soc Sci

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

Global Management, MGM

Sustainability Solutions, MSUS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: First-year admission requirements for this program are the same as the university's first-year admission requirements.

Transfer Admission Requirements: Transfer students, those with 12 or more transfer credit hours after high school graduation, are required to have a cumulative transfer GPA of 3.00 or higher. The School of Sustainability reviews transfer applications that fall below this GPA level on an individual basis.

**Change of Major Requirements:** ASU students who would like to change their major to sustainability are required to have a minimum cumulative ASU GPA of 3.00, based on at least 12 credit hours of ASU coursework.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-sustainability/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=SUSUSTBA~null + &college=CGF>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: With over 300 programs in more than 65 countries (programs vary in length, from one week to one year), participation in a Global Education program (<https://goglobal.asu.edu/>) is possible for all ASU students who wish to acquire a global perspective and knowledge in preparation for their career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs.

The College of Global Futures recommends these programs (<https://goglobal.asu.edu/students/major/sustainability>) for students majoring in

sustainability.

**Career Opportunities:** Recent interest in sustainability within business and government has created new employment opportunities (e.g., sustainability coordinators, directors and managers). Of undergraduate alumni who have shared their experiences with the school, 92% are either employed in sectors such as those listed above or have gone on to a graduate program. Of those employed, 66% have jobs directly related to sustainability. Students can seek additional employment data from program alumni by visiting the College of Global Futures careers site (<https://collegeofglobalfutures.asu.edu/careers/employment-data/>).

Those with a Bachelor of Arts in sustainability offer employers and graduate programs an integrated approach to developing solutions to sustainability challenges. They understand the complexity of systems, have engaged in a range of knowledge and experience from different disciplinary perspectives, and understand the importance of planning for the future and how to engage stakeholders in that process. Graduates of the program are adaptable and prepared for a changing world.

In addition to going on to graduate school, graduates of the program are qualified for well-paying positions in:

- consultancy
- government
- intergovernmental organizations
- international development
- management
- municipalities
- nongovernmental organizations
- nonprofits
- policymaking enterprises
- regulatory agencies
- utilities

**Contact Information:**

Global Futures, College of  
School of Sustainability

<https://schoolofsustainability.asu.edu/degrees-programs/undergraduate-degrees/bachelor-of-arts-in-sustainability/>

WCPH 4th

[cgfadvising@asu.edu](mailto:cgfadvising@asu.edu)

480-727-6963

## Sustainability, BS (SUSUSTBS)

**Campus:** Tempe, Online

**Program Description:** Students in ASU's School of Sustainability are rethinking and reinventing the future of a world at risk. The school's programs encourage experiential learning, study abroad, research with faculty, community engagement and leadership development. The knowledge and solutions that are created today will shape the social and environmental quality of life for future generations.

The School of Sustainability offers two degrees in sustainability: a BA and a BS. Both programs introduce students to the concept of sustainability in the context of real-world challenges and focus on developing practical solutions and interventions to some of the most pressing environmental, economic and social challenges of sustainability. Students learn to approach challenges with consideration of complex adaptive systems and resilience, interconnections and cascading effects across scales, management of trade-offs, ethics and values, stakeholder engagement, future visioning and scenario typologies for transitioning systems, and other cutting-edge frameworks.

The Bachelor of Science is geared toward students interested in the more quantitative aspects of sustainability, such as those related to energy and materials, economics, and ecology and environmental science.

Students may find more information about opportunities within the School of Sustainability at these sites:

Study Abroad (<https://collegeofglobalfutures.asu.edu/student-life/study-abroad/>)

Research (<https://schoolofsustainability.asu.edu/student-life/student-research/>)

Student Clubs and Organizations (<https://schoolofsustainability.asu.edu/student-life/student-clubs-and-organizations/>)

Internships (<https://schoolofsustainability.asu.edu/student-life/internships/>)

Mentorship (<https://schoolofsustainability.asu.edu/student-life/mentorship-opportunities/>)

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** Yes

**First Required Math Course:** SOS 101 - Intro Appl Math Life & Soc Sci

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

Global Management, MGM  
Sustainability Solutions, MSUS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: First-year admission requirements for this program are the same as the university's first-year admission requirements.

Transfer Admission Requirements: Transfer students, those with 12 or more transfer credit hours after high school graduation, are required to have a cumulative transfer GPA of 3.00 or higher. The School of Sustainability reviews transfer applications that fall below this GPA level on an individual basis.

**Change of Major Requirements:** ASU students who would like to change their major to sustainability are required to have a minimum cumulative ASU GPA of 3.00, based on at least 12 credit hours of ASU coursework.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-sustainability/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=SUSUSTBS~null + &college=CGF>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: With over 300 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad (<https://goglobal.asu.edu/>) is possible for all ASU students who wish to acquire a global perspective and knowledge in preparation for their career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs.

The College of Global Futures recommends these programs (<https://goglobal.asu.edu/students/major/sustainability>) for students majoring in sustainability.

**Career Opportunities:** Recent interest in sustainability within business and government has created new employment opportunities (e.g., sustainability coordinators, directors and managers). Students can seek additional employment data from our alumni by visiting the College of Global Futures careers site (<https://collegeofglobalfutures.asu.edu/careers/employment-data/>). Of undergraduate alumni who have shared their experiences with the school, 92% are either employed in sectors such as those listed above or have gone on to a graduate program. Of those employed, 66% have jobs directly related to sustainability.

Those with a Bachelor of Science in sustainability offer employers and graduate programs an integrated approach to developing solutions to sustainability challenges. They understand the complexity of systems, have engaged in a range of knowledge and experience from different disciplinary perspectives, and understand the importance of planning for the future and how to engage stakeholders in that process. Graduates of the program are adaptable and prepared for a changing world.

In addition to going on to graduate school, graduates of the program are qualified for well paying positions in:

- business
- consultancy
- government and intergovernmental organizations
- international development
- natural resource management (including land, energy, waste and water management)
- nongovernmental organizations and nonprofits
- policymaking enterprises
- regulatory agencies and utilities

**Contact Information:**

Global Futures, College of  
School of Sustainability

<https://schoolofsustainability.asu.edu/degrees-programs/undergraduate-degrees/bachelor-of-science-in-sustainability/>  
WCPH 4th

[cgfadvising@asu.edu](mailto:cgfadvising@asu.edu)  
480-727-6963

## Sustainable Food Systems, BS (SUSFOSYSBS)

**Campus:** Downtown Phoenix, Polytechnic, Tempe, Online

**Program Description:** The BS program in sustainable food systems trains students to understand food-related challenges using a food systems lens which encompasses the many aspects of food and agriculture within an integrated social and environmental context and empowers them to grapple with real-life complexities. Students become effective agents of change.

Coursework covers a wide range of topics, such as nutrition science, agricultural production, economics and social justice. Students are encouraged to select electives that build upon core sustainable food systems coursework.

Students are engaged in an active community collectively working to achieve the 2030 United Nations Sustainable Development Goals. Beyond the core subject matter and skills courses, the degree requirements include an internship, a chosen focus area and a culminating project-based course, all of which provide students in-depth knowledge of a food-related subfield and ample preparation for exciting careers.

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** Yes

**First Required Math Course:** SOS 101 - Intro Appl Math Life & Soc Sci

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Transfer Admission Requirements: Transfer students, those with 12 or more transfer credit hours after high school graduation, are required to have a cumulative transfer GPA of 3.00 or higher. The School of Sustainability reviews transfer applications that fall below this GPA level on an individual basis.

Students with more than 45 transfer credit hours who are not admissible to the School of Sustainability or the second major choice will be contacted to select an appropriate major.

**Change of Major Requirements:** ASU students who would like to change their major to sustainable food systems are required to have a minimum cumulative ASU GPA of 3.00, based on at least 12 credit hours of ASU coursework.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/sustainable-food-systems/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=SUSFOSYSBS-null + &college=CGF>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: With over 300 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad (<https://goglobal.asu.edu/>) is possible for all ASU students who wish to acquire a global perspective and knowledge in preparation for their career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs.

The School of Sustainability recommends these programs (<https://goglobal.asu.edu/students/major/sustainability>) for students majoring in sustainable food systems.

**Career Opportunities:** Graduates have a broad understanding of sustainable food systems and are prepared for pursuing careers in areas such as:

- agricultural development, poverty alleviation and emerging markets
- food entrepreneurship and innovation, marketing and agribusiness
- food literacy
- improved public health through food
- managing natural resources for food production
- public policy, governance and grassroots organizing
- sustainable food procurement

continuing education. Of those employed, 66% have jobs directly related to sustainability. Students can seek additional employment data from program alumni by visiting the College of Global Futures careers site (<https://collegeofglobalfutures.asu.edu/careers/employment-data/>). Because the sustainable food systems program just launched in Fall 2019, the school currently does not have alumni employment data for this specific degree.

**Contact Information:**

Global Futures, College of  
School of Sustainability

<https://schoolofsustainability.asu.edu/degrees-programs/undergraduate-degrees/bachelor-of-science-in-sustainable-food-systems/>

WCPH 4th floor

[cgfadvicing@asu.edu](mailto:cgfadvicing@asu.edu)

480-727-6963

## Global Management, Thunderbird School of

### Global Management, BGM (TBTGMBGM)

**Campus:** West, Online

**Program Description:** The BGM program prepares students to take on leadership roles in multinational corporations, government agencies or nongovernmental organizations. Thunderbird's elite faculty and strong relationships with global enterprises allow students to develop and hone the skills needed to thrive as leaders in today's globally interconnected economy. Students gain experience and develop skills that international companies, governments and nonprofit entities value highly in employees.

The program offers two tracks: the international business, language and culture track in which two years of foreign language is required; and the international business and culture track in which there is no foreign language requirement and more emphasis on management-related courses. Students who select the foreign language track may complete coursework in a variety of languages. The international business, language and culture track is offered to on-campus students only. Online students may pursue only the international business and culture track.

Everyone in the program has the opportunity to explore the politics, cultures and economics of different countries around the world while putting the skills they have learned into practice in real-world settings through a required international internship. Although students are strongly encouraged to pursue internships outside their home country, they may also satisfy this requirement by doing a local internship with an international component.

Students often choose to apply their electives toward a minor or certificate offered by another department. This allows the student to specialize in a second area of interest that complements their major. These could include areas such as communications, cyber security, data analytics, digital media, languages, nonprofit leadership, political science, psychology, public relations, risk management, sales and marketing, and sustainability. The minor and certificate search can be found in the online catalog (<https://catalog.asu.edu/minors>).

Bachelor of Global Management students also complete a senior capstone project that draws on the unique skills they have developed throughout the program. In the capstone project, students work together in consulting teams to provide recommendations for a global organization on a challenge it faces internationally. The internship and the capstone project allow students to demonstrate their skills and work experience for potential employers as part of their professional development plan.

This truly global program provides global career opportunities around the world, global courses taught by outstanding Thunderbird graduate school faculty, and preparation for graduates to thrive in today's complex and dynamic global job market. Thunderbird School of Global Management has produced unique leaders for 75 years, agents of change in every sector who are capable of tackling the world's greatest challenges. The network of alumni, known as T-birds, comprises 45,000 graduates and 170 chapters around the globe.

Thunderbird's Bachelor of Global Management is also offered in a flexible online format. Students should visit the ASU Online website (<https://asuonline.asu.edu/online-degree-programs/undergraduate/global-management-bgm/>) for more information.

**Additional Program Fee:** Y

**Second Language Requirement:** Yes

**First Required Math Course:** MAT 117 - College Algebra

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus

master's degree with::

Applied Leadership and Management, MALM  
Communication Studies, MA  
Global Management (Creative Industries and Design Thinking), MGM  
Global Management (Digital Audience Strategy), MGM  
Global Management (Global Affairs), MGM  
Global Management (Global Business), MGM  
Global Management (Global Development and Innovation), MGM  
Global Management (Global Digital Transformation), MGM  
Global Management (Global Entrepreneurship), MGM  
Global Management (Global Health Care Delivery), MGM  
Global Management (Global Legal Studies), MGM  
Global Management (Integrated Health Care), MGM  
Global Management (Nonprofit Leadership and Management), MGM  
Global Management (Public Administration), MGM  
Global Management (Public Policy), MGM  
Global Management (Sustainability Solutions), MGM  
Global Management (Sustainable Tourism), MGM  
Global Management, MGM  
Leadership and Management, MLM  
Technology (Management of Technology), MSTech

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

#### **Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** Current ASU students who would like to change their major to global management must have a minimum cumulative GPA of 2.00.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/global-management-bgm/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TBTGMBGM-null + &college=CTB>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Demonstrate the ability to explain complex global issues concisely.
- Demonstrate in-depth knowledge of at least one region of the world.
- Demonstrate enhanced ability in Global Entrepreneurship.



**Global Opportunities:**

Global Experience: As globalization continues to impact the way people live and work, international experiences have become vital to success in every field of business, especially global management.

Through international study and internships, students gain skills employers value highly, including communication and interpersonal skills, flexibility, motivation and a global perspective on business applications worldwide. Completing their required Thunderbird internship abroad positions students to thrive in leadership roles globally upon graduation.

More information on available programs can be found on the Global Education website (<https://goglobal.asu.edu/>).

**Career Opportunities:** The global economy continues to face volatility and disruption as it expands, contracts and interconnects. Due in part to this, demand for specialists with a global mindset is rapidly increasing.

Graduates of the Bachelor of Global Management program can thrive in leadership roles in the following fields:

- consulting
- entrepreneurship
- foreign service
- global marketing
- human resources

Career opportunities include:

- chief sustainability officer
- compliance manager
- country manager
- foreign service officer
- general manager
- global entrepreneur
- international marketing manager
- international sales manager
- manager of a nonprofit organization
- regulatory affairs manager

**Contact Information:**

Global Management, Thunderbird School of  
Thunderbird School of Global Management  
<https://thunderbird.asu.edu/>  
FAB N290  
[ugadvising@thunderbird.asu.edu](mailto:ugadvising@thunderbird.asu.edu)  
602-543-0029

## International Trade, BS (TBINTRABS)

**Campus:** West, Online

**Program Description:** Thunderbird's STEM-designated BS program in international trade provides rigorous training for a career in global commerce.\*

The Bachelor of Science in international trade provides talented, driven students with the exposure to the global business environment that will distinguish them in the workforce. Students learn the functional disciplines of international business while gaining an in-depth understanding of the political, cultural and economic aspects of doing business on a global scale and in international markets in which government regulations vary widely from country to country.

Supported by Thunderbird's training that builds a global mindset, students gain tools for managing supply chains, systematically assessing risk, exporting and importing goods and services, and using economic agreements to develop effective strategies for conducting international trade.

This program is unique in allowing students to learn new skills needed for a career in international trade through comprehensive, hands-on training and in applying these skills during a local, national or international internship. Along with real-world learning experiences that open up global career opportunities, students attend courses taught by outstanding Thunderbird graduate school faculty and enjoy unique opportunities to learn from fellow students from around the world.

Graduates of this program possess the intercultural skills and global mindset needed to do business or take on a leadership role in any part of the

world. Employers hire Bachelor of Science in international trade graduates for their proven ability to develop effective strategies for international trade and exporting goods and services.

Thunderbird graduates join a renowned global network of Thunderbird alumni working in all parts of the world, in all industries and sectors. T-birds make a difference everywhere they go, and their careers can take them anywhere.

Thunderbird's Bachelor of Science in International Trade is also offered in a flexible online format. Students should see the ASU Online website (<https://asuonline.asu.edu/online-degree-programs/undergraduate/international-trade-bs/>) for more information.

\*As a bonus for international students, this program meets special F-1 international student status requirements. This means that international students who graduate with the Bachelor of Science in international trade degree qualify for a 24-month extension to their Optional Practical Training in the United States beyond the 12 months already provided to international students in non-STEM degrees.

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 210 - Brief Calculus

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

- Applied Leadership and Management, MALM
- Global Management (Creative Industries and Design Thinking), MGM
- Global Management (Digital Audience Strategy), MGM
- Global Management (Global Affairs), MGM
- Global Management (Global Business), MGM
- Global Management (Global Development and Innovation), MGM
- Global Management (Global Digital Transformation), MGM
- Global Management (Global Entrepreneurship), MGM
- Global Management (Global Health Care Delivery), MGM
- Global Management (Global Legal Studies), MGM
- Global Management (Integrated Health Care), MGM
- Global Management (Nonprofit Leadership and Management), MGM
- Global Management (Public Administration), MGM
- Global Management (Public Policy), MGM
- Global Management (Sustainability Solutions), MGM
- Global Management (Sustainable Tourism), MGM
- Global Management, MGM
- Leadership and Management, MLM
- Technology (Management of Technology), MSTech

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** Current ASU students who would like to change their major to international trade must have a minimum cumulative GPA of 2.00.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/international-trade-bs/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TBINTRABS~null + &college=CTB>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Demonstrate the ability to explain complex global issues concisely.
  
- Demonstrate in-depth knowledge of at least one region of the world.
- Demonstrate enhanced knowledge of International Trade.

**Global Opportunities:**

Global Experience: As globalization continues to impact the way people live and work, international experiences have become vital to success in every field of business, especially international trade. Through international study and internships, students gain valuable skills employers are looking for, including communication and interpersonal skills, flexibility, motivation and a global perspective on how international trade functions worldwide. More information on available programs can be found on the Global Education website (<https://goglobal.asu.edu/>).

**Career Opportunities:** In the increasingly globalized economy, the dramatic expansion of international trade has created tremendous opportunities for global business, and Thunderbird's Bachelor of Science in international trade prepares students for a career in this growing field in which skilled managers are in demand all over the world. Trained negotiators with a strong grasp of economics and politics on an international level are more valuable than ever to employers operating across borders.

Thunderbird's rigorous curriculum and renowned faculty prepare students for a leadership position in a wide range of career fields. Students in this program master a repertoire of globally transferable skills that open doors to an abundance of opportunities such as:

- commodities broker
- compliance manager
- financial risk specialist
- import and export agent
- international business development manager
- international market analyst
- international product or brand manager
- regional manager

**Contact Information:**

Global Management, Thunderbird School of  
Thunderbird School of Global Management  
<https://thunderbird.asu.edu/>  
FAB N290  
[ugadvising@thunderbird.asu.edu](mailto:ugadvising@thunderbird.asu.edu)  
602-543-0029

## Health Solutions, College of

### Applied Science (Food and Nutrition Entrepreneurship), BAS (ECNTRBAS)

**Campus:** Downtown Phoenix, Online

**Program Description:** The BAS degree program with a concentration in food and nutrition entrepreneurship complements and enhances the educational preparation of students holding an AAS degree in culinary or hospitality science, diet technology or sustainable food systems.

The program encompasses important areas of knowledge and skills for future nutrition entrepreneurs and for those continuing in the food industry, whether they intend to innovate within an organization, launch a food- or nutrition-related business or continue into a management role. Key topics include how to develop an online presence supported by evidence-based principles through social media, blogging, podcasting and video; how to launch nutritionally sound startups and businesses; and how to market and manage a business.

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Additional Requirements:** Students applying to this program must have completed an Associate of Applied Science degree. This program is not available to first-year students.

**Change of Major Requirements:** Only students who have completed an Associate of Applied Science degree are eligible to declare Bachelor of Applied Science majors at ASU.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/applied-science-nutrition/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ECNTRBAS~null + &college=CHL>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Communicate evidence-based food and nutrition information and basic food science information in oral and written form.
- Develop a menu applying knowledge of food and nutrition and utilize leadership and communication skills working in the field.
- Apply the principles of food management and systems in the provision of food and nutrition services to individuals and organizations.
- Identify and explain improvements in a culinary workplace using the tenets of food safety.

#### **Global Opportunities:**

Global Experience: Food is at the center of culture. Studying abroad (<https://goglobal.asu.edu/>) helps students gain a deeper understanding of how food and culture intertwine, and they learn how to communicate nutritional and sanitary standards to a diverse audience.

Students' resumes are enhanced with the heightened communication, cultural competency and critical thinking skills they acquired through study abroad.

The College of Health Solutions recommends these study abroad programs (<https://goglobal.asu.edu/students/major/chs/nutrition>) for students majoring in nutrition.

**Career Opportunities:** Graduates are prepared for careers in food production, service, management and marketing. With additional education or professional training, they may also become credentialed as:

- certified dietary managers
- registered sanitarians
- school food service and nutrition specialists

#### **Contact Information:**

Health Solutions, College of  
College of Health Solutions

<https://chs.asu.edu/bachelors-degrees/majorinfo/ECNTRBAS/undergrad/false/91407>

HLTHN 401AA

[chs@asu.edu](mailto:chs@asu.edu)

602-496-3300

## **Applied Science (Health Sciences), BAS (NUHSCBAS)**

**Campus:** Downtown Phoenix, Polytechnic, West, ASU at Yavapai, Online

**Program Description:** The BAS degree program allows students who have an applicable AAS degree from an accredited institution to transfer 60 credit hours toward a bachelor's degree at ASU. The Bachelor of Applied Science program with a concentration in health sciences is for students entering the health and health care workforce at a variety of levels.

Students in the program learn about health care systems and how these systems are financed and structured. Leadership and professionalism are highlighted, along with the role of providers in delivering evidence-based care. Students develop ethical and effective communication skills, analyze today's challenges and develop innovative solutions that prepare them for careers in the health care workforce.

#### **STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website.

The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** Any math course that meets the MA designation.

**Program Math Intensity:** General

#### **Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

#### **Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Additional Requirements:** Students applying to this program must have completed an AAS degree. This program is not available to first-year students.

**Transfer Admission Requirements:** The BAS program is specifically for those who have earned an Associate of Applied Science degree from a regionally accredited institution. Students pursuing this degree may have more than 60 credit hours to complete in order to obtain their Bachelor of Applied Science upon transfer to ASU. In completing the bachelor's degree program, students fulfill all ASU graduation requirements.

**Change of Major Requirements:** Only students who have earned an Associate of Applied Science are eligible to change their majors to this degree program.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Attend Online:**

**ASU Online:** ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-applied-science-health-sciences/>) for program descriptions and to request more information.

**ASU Local:** It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NUHSCBAS~null + &college=CHL>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Global Opportunities:**

**Global Experience:** With more than 300 programs available, study abroad allows students to tailor their experience to their unique interests and skill sets. Students in health sciences are able to expand their knowledge of how health care impacts society in a variety of cultures and experience new and unique health environments across the globe. The valuable experience they acquire while studying abroad enhances students' resumes.

More information on available programs can be found on the Global Education Office website (<https://goglobal.asu.edu/>).

**Career Opportunities:** Graduates can return to their original area of expertise in allied health (i.e., radiology, nuclear imaging) and qualify for a managerial position, be an educator or instructor within their field of expertise, or qualify for a higher-grade position within their current place of employment.

Other career options include positions such as:

- elder services program coordinator
- health and patient educator
- health maintenance organization or insurance company client coach
- Healthy Start coordinator
- home health care coordinator
- long-term care health and wellness coordinator
- school health and program specialist
- Women, Infants, and Children (WIC) and community nutrition aide

#### **Contact Information:**

Health Solutions, College of

College of Health Solutions

<https://chs.asu.edu/bachelors-degrees/majorinfo/NUHSCBAS/undergrad/false/91407>

HLTHN 401AA

chs@asu.edu

602-496-3300

## **Applied Science (Medical Laboratory Science), BAS (NUMLSBAS)**

**Campus:** Downtown Phoenix

**Program Description:** The BAS program with a concentration in medical laboratory sciences provides the academic knowledge and professional skills that enable students to perform analytical tests on blood, tissue and body fluids in order to provide laboratory information for the detection, diagnosis and treatment of human diseases. Students learn to work independently using skills and knowledge that are greater in depth and breadth compared to those of medical laboratory technicians, who typically are graduates of a two-year or community college program.

The program is accredited by the National Accrediting Agency for Clinical Laboratory Science, 5600 N. River Rd, Suite 720, Rosemont, IL 60018, <https://www.naacls.org/> (<https://www.naacls.org/>).

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: Only students who have been admitted through Phoenix College and who have completed the prerequisite coursework, verified by the program director or program advisor, are eligible to apply to this program. The following requirements are a part of the application process and are included in the separate program application, released to those who are considered eligible during a specified application cycle:

- Gain admission to Phoenix College.

Complete the program application, which should include:

- student information
- coursework
- immunizations
- proof of basic life support or CPR certification
- fingerprint clearance card
- health declaration
- experience in medical laboratory sciences
- employment observation verification
- references
- Review and sign the checklist.

Submit the materials to:

CHS Student Services

Mail Code 9020 ATTN: MDL Program

Arizona State University

500 N 3rd St

Phoenix AZ 85004

- Apply to Arizona State University.

**Change of Major Requirements:** Only students who have completed an Associate of Applied Science degree are eligible to declare a Bachelor of Applied Science major at ASU.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NUMLSBAS~null + &college=CHL>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: With over 300 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire a global perspective and knowledge in preparation for a future-focused career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. More information on available programs can be found on the Global Education Office (<https://goglobal.asu.edu/>) website.

**Career Opportunities:** The graduate with a Bachelor of Applied Science degree in medical laboratory sciences is able to advance their employment opportunities within the fields of medical technology, cytology, clinical laboratory science and related areas.

The Bureau of Labor Statistics reports that overall employment of medical laboratory scientists is projected to grow 11% between 2018 and 2028. This is much faster than the average for most occupations. As the overall population ages, there will be more demand for trained laboratory personnel to aid in the diagnosis of disease and to help manage medical conditions.

The majority of medical laboratory scientists and technologists work in hospital laboratories and major reference laboratories. In addition, there is a growing trend for medical laboratory scientists to perform wellness laboratory testing aimed at preventing disease.

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

**Contact Information:**

Health Solutions, College of

College of Health Solutions

<https://chs.asu.edu/bachelors-degrees/majorinfo/NUMLSBAS/undergrad/false/91407>

HLTHN 401AA

chs@asu.edu

602-496-3300

## Biomedical Informatics, BS (ESBMIBS)

**Campus:** Downtown Phoenix

**Program Description:** Biomedical informatics is a multidisciplinary field that involves the generation, acquisition, management and analysis of biomedical and health data and the translation of that data into information and knowledge that can be applied toward improving individual and population health.

The BS program in biomedical informatics curriculum includes biomedical informatics, computer science, biology, chemistry, mathematics and statistics. Students learn approaches to acquiring data, learn data management and knowledge representation, learn modeling and machine learning, and they learn to use these capabilities to address problems in the biomedical and health domains. Students have the opportunity to do research alongside faculty who are experts in bioinformatics, imaging informatics, clinical informatics and population health informatics.

Graduates of the program have a broad set of biomedical informatics knowledge and skills, enabling them to contribute to many areas of health and biomedicine in their future work.

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website.

The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 251 - Calculus for Life Sciences

**Program Math Intensity:** Substantial

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Biomedical Informatics, MS



the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

#### **Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ESBMIBS-null + &college=CHL>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Articulate informatics solutions to improve patient care.
- Implement existing informatics solutions to improve patient care.
- Analyze large data sets to improve decisions for patient care or population health.
- Implement informatics solutions to represent and manage biomedical data

#### **Global Opportunities:**

Global Experience: Students gain valuable experience when studying abroad (<https://goglobal.asu.edu/>), experience which enhances their resumes. With more than 300 programs available, Global Education programs allow students to tailor their experience to their unique interests and skill sets. Students in biomedical informatics are able to expand their knowledge of how health care systems impact society in a variety of cultures, and they experience new and unique information science and technology environments across the globe.

The College of Health Solutions recommends these programs (<https://goglobal.asu.edu/students/major/SEMTE/aerospace-engineering>) for students majoring in biomedical informatics.

**Career Opportunities:** Graduates with a degree in the rapidly expanding field of biomedical informatics are prepared for careers in a wide range of settings. They are employed in positions such as data science analysts, bioinformaticians, software engineers, and public health informatics scientists, among others. Those with interests in life sciences and technology may see this program as a unique way to combine the two. Others may find this degree the first step toward medical school or advanced medical research or to continued graduate-level study in biomedical informatics.

#### **Contact Information:**

Health Solutions, College of

College of Health Solutions

<https://chs.asu.edu/bachelors-degrees/majorinfo/ESBMIBS/undergrad/false/91407>

COOR 2nd floor

[chs@asu.edu](mailto:chs@asu.edu)

480-965-2374

## **Clinical Exercise Science, BS (ECXERBS)**

**Campus:** Downtown Phoenix

**Program Description:** In the BS in clinical exercise science program, students develop an understanding of how the human body responds to, changes with, and benefits from exercise.

Hands-on laboratory courses with innovative exercise, metabolic and cardiopulmonary equipment provide students with the necessary skills and experience they need to be hired as exercise physiologists in health care settings upon graduation. Students have opportunities to work one-on-one

with faculty.

Upper-division and special topics courses allow students to gain an even deeper understanding in an area of interest such as exercise for chronic and neurological conditions or nutrition for health and performance.

Students gain the knowledge necessary for passing the exercise physiologist certification exam from the American College of Sports Medicine and for pursuing Level 2 Exercise Is Medicine credentialing from the American College of Sports Medicine.

This program is accredited through the Commission on Accreditation of Allied Health Education Programs endorsed by the American College of Sports Medicine.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 117 - College Algebra or MAT 170 Precalculus

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Clinical Exercise Physiology, MS

Physical Activity and Health, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ECEXERBS~null + &college=CHL>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Apply concepts of basic human anatomy and physiology as they relate exercise.
- Apply mathematical skills related to bioenergetics and exercise intensities.
- Apply the principles guiding evidence-based practice learned through the appraisal of scientific literature.
- Create exercise prescriptions for healthy clients and clients with chronic conditions.
- Apply professional competencies (i.e., job-related skills) commonly required in the fitness industries.

**Global Opportunities:**

Global Experience: With over 300 programs in more than 65 countries (programs vary in length, from one week to one year), participation in a Global Education program (<https://goglobal.asu.edu/>) is possible for all ASU students who wish to acquire a global perspective and knowledge in preparation for their career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs.

The College of Health Solutions recommends these programs (<https://goglobal.asu.edu/students/major/chs/exercise-wellness>) for students majoring in clinical exercise science.

**Career Opportunities:** This degree program prepares students to become exercise physiologists, an occupation with a faster than average growth rate, according to the U.S. Bureau of Labor Statistics.

In addition to exercise physiologists, graduates may work as clinical exercise specialists, exercise scientists or weight management consultants, in locations such as:

- cardiac rehabilitation facilities
- corporate wellness firms
- health care agencies and medical centers
- hospitals
- lifestyle and weight management consulting firms
- medical fitness centers
- nonprofit disease prevention agencies (e.g., American Heart Association)
- outpatient fitness centers
- university fitness and wellness centers

Specialty areas may include:

- bariatric weight loss (counseling and pre- or post-surgery fitness training)
- cancer patient exercise specialist
- cardiac rehabilitation
- corporate fitness and worksite wellness
- exercise and weight counseling and management

Graduates are well prepared for admission into graduate programs in clinical exercise physiology, obesity prevention and management, rehabilitative fields (e.g., physical therapy, occupational therapy) and medicine.

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

**Contact Information:**

Health Solutions, College of  
College of Health Solutions  
<https://chs.asu.edu/bachelors-degrees/majorinfo/ECEXERBS/undergrad/false/91407>  
HLTHN 401AA  
chs@asu.edu  
602-496-3300

## Dietetics, BS (NHDIETCSBS)

**Campus:** Downtown Phoenix

**Program Description:** The BS program in dietetics is a required initial step in the education and training of the dietetics professional.

Coursework prepares students to apply for a dietetic internship, which is required in order to sit for the registration exam to become a registered dietitian. In addition to nutrition courses, students complete a broad range of science, management and communication classes.

Beginning Jan. 1, 2024, prior to sitting for the registration exam, students will be required to have a master's degree in addition to completing a dietetic internship. This is a change implemented by the credentialing body for registered dietitians, the Commission on Dietetic Registration, and will be a nationwide requirement. More information can be found on the Academy of Nutrition and Dietetics website at <https://www.eatright.org/become-an-rdn-or-ndtr> (<https://www.eatright.org/become-an-rdn-or-ndtr>).

ASU's bachelor's degree program in dietetics is accredited as a Didactic Program in Dietetics by the Accreditation Council for Education in Nutrition and Dietetics, 120 S. Riverside Plz., Ste. 2190, Chicago IL 60606-6995; phone: 800-877-1600, ext. 5400.

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 117 - College Algebra

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Nutritional Science, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NHDIETCSBS~null + &college=CHL>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Locate, interpret, evaluate and use professional literature to make ethical, evidence-based practice decisions.
- Demonstrate effective and professional oral and written communication and documentation
- Use the Nutrition Care Process to make decisions, identify nutrition-related problems and determine and evaluate nutrition interventions.
- Apply management theories to the development of programs or services.

**Global Opportunities:**

Global Experience: With over 300 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad (<https://goglobal.asu.edu/>) is possible for all ASU students who wish to acquire a global perspective and knowledge in preparation for their career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs.

The College of Health Solutions recommends these programs (<https://goglobal.asu.edu/students/major/chs/nutrition-dietetics>) for students majoring in dietetics.

**Career Opportunities:** The nutrition and dietetics field provides employment opportunities in a variety of areas:

- client consultation, including for diabetes management or weight loss education
- food and nutrition industry
- food and nutrition marketing and sales
- nutrition and health promotion
- school food service

Graduates may find opportunities in environments such as hospitals and other health care facilities or public health agencies.

Most with this degree pursue further education and careers such as:

- dietetic technician, registered
- registered dietitian or nutritionist
- school nutrition specialist

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

**Contact Information:**

Health Solutions, College of  
College of Health Solutions

<https://chs.asu.edu/bachelors-degrees/majorinfo/NHDIETCSBS/undergrad/false/91407>

HLTHN 4th

chs@asu.edu

602-496-3300

## Exercise and Wellness (Fitness and Wellness Specialist), BS (ECEXWBS)

**Campus:** Downtown Phoenix

ASU is no longer accepting new students to this program. Interested students should apply to the BS program in clinical exercise science (<https://degrees.apps.asu.edu/bachelors/major/ASU00/ECEXERBS/clinical-exercise-science>).

**Program Description:** The BS program in exercise and wellness provides students with the knowledge and practical skills necessary for assisting individuals in reaching optimal health.

The program consists of a carefully designed curriculum emphasizing:

- competency in the instruction of basic and advanced techniques related to flexibility, resistance training and cardiovascular exercise
- competencies required to attain advanced-level certifications from professional associations in the field
- foundational knowledge of exercise physiology and applied kinesiology
- methods to understand and help improve individuals with regard to their health behavior choices
- skills in assessing and interviewing clients in preparation for fitness and wellness programming
- skills in designing and manipulating program variables to work with apparently healthy or symptomatic individuals

Students in the exercise and wellness degree program also have the option to enroll in courses that will enhance their abilities to work with high performance athletes, obese individuals or those at risk for suffering from other hypokinetic diseases.

Those who complete the program are prepared for pursuing nationally recognized and credentialed certifications provided by professional organizations in fields of study related to physical activity, strength and conditioning, or exercise physiology. With the addition of the prerequisite courses, they also are well prepared for continuing into graduate programs that are required for careers in physical therapy, occupational therapy, athletic training or other medical fields.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 117 - College Algebra or MAT 170 Precalculus

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

### Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ECEXWBS~null + &college=CHL>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

### Global Opportunities:

Global Experience: With over 300 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad (<https://goglobal.asu.edu/>) is possible for all ASU students who wish to acquire a global perspective and knowledge in preparation for their career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs.

**Career Opportunities:** Employment of fitness and wellness professionals is expected to grow by up to 39% from 2020 to 2030 --- much faster than other occupations --- driven by efforts to reduce health care costs by teaching people about healthy behaviors. The need for exercise and wellness programming and facilities increases the need for workers in these areas.

Those who have earned the exercise and wellness degree have enhanced opportunities in fitness and wellness employment settings because clients and employers prefer to work with people who are more highly prepared and qualified.

Graduates of this concentration often pursue careers in such fields as:

- clinical exercise
- corporate fitness
- fitness management
- personal training
- sports performance
- wellness center management

Graduates may also pursue further graduate study in such fields as:

- athletic training\*
- cardiac rehabilitation\*
- occupational therapy\*
- physical therapy\*
- physician assistant\*

\*Advanced degrees or certifications may be required for academic or clinical positions.

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

### Contact Information:

Health Solutions, College of

College of Health Solutions

<https://chs.asu.edu/>

HLTHN 401AA

[chs@asu.edu](mailto:chs@asu.edu)

602-496-3300

## Exercise and Wellness (Strength and Conditioning Specialist), BS (NHXWSCBS)

**Campus:** Downtown Phoenix

ASU is no longer accepting new students to this program. Interested students should apply to the BS in clinical exercise science

(<https://degrees.apps.asu.edu/bachelors/major/ASU00/ECXERBS/clinical-exercise-science>).

**Program Description:** The strength and conditioning specialist concentration is designed for students who want to work with active or athletic populations, including sport and tactical occupations. These students may work with high school, college or professional sports organizations in scholastic or private sports performance training facilities, with tactical sports performance clients (e.g., military, police, firefighters, EMT) in municipal or government-run facilities or with individual clients participating in more active, higher intensity-based fitness programs.

Students in this concentration are exposed to applied assessment labs and practical fieldwork to gain the knowledge they will need to be competent coaches in this field.

Graduates are prepared to sit for the Certified Strength and Conditioning Specialist or the Tactical Strength and Conditioning-Facilitator examinations offered by the National Strength and Conditioning Association (<https://www.nasca.com>) at the completion of their coursework. Students interested in careers in the field of sports medicine (athletic trainers, sports physical therapists, orthopedic surgeons, etc.) may also benefit from the coursework to provide an understanding of the training programs that accompany sports participation.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 117 - College Algebra or MAT 170 Precalculus

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NHEXWSCBS~null + &college=CHL>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: With over 300 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad (<https://goglobal.asu.edu/>) is possible for all ASU students who wish to acquire a global perspective and knowledge in preparation for their career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs.

**Career Opportunities:** Many graduates of this program go onto careers which include:

- athletic trainer\*
- fitness center director
- group exercise specialist
- personal trainer
- physical therapist\*
- physical therapy technician
- sports performance coach
- sports performance director
- sports scout
- tactical performance coach

\*Additional prerequisites and postgraduate degrees are required.

**Contact Information:**

Health Solutions, College of

INACTIVE School of Nutrition and Health Promotion  
<https://chs.asu.edu/bachelors-degrees/majorinfo/ECEXERBS/undergrad/false/91407>  
HLTHN 401AA  
chs@asu.edu  
602-496-2644

## Food and Nutrition Entrepreneurship, BS (NHFNUENBS)

**Campus:** Downtown Phoenix, Online

**Program Description:** The BS program in food and nutrition entrepreneurship provides students with the knowledge and skills that allow them to move into a range of employment opportunities in community nutrition or food service industries or continue their education in a dietetics-focused graduate program.

Students first learn about the body and chemistry, then progress into food chemistry and how food fuels our body. At a community and global level, students also can explore food access and sustainability. Once the basics are understood, students develop skills in evidence-based research, recipe development, communication in multiple formats, marketing, nutrition counseling and leadership. With these skills, students can develop innovative solutions to the health concerns across our population.

Students choose focus area courses in community nutrition, food service operations or pre-dietetics.

Students focusing on pre-dietetics will be eligible to apply to a graduate program in dietetics that will prepare them to take the registered dietitian exam.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics Any math course that meets the MA designation.

**Program Math Intensity:** General

### Concurrent Program Options:

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

### Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

### Attend Online:

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/food-and-nutrition-bs/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

### Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NHFNUENBS~null + &college=CHL>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

### Program Learning Outcomes:



Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Communicate evidence-based food and nutrition information and basic food science information in oral and written form.
- Identify and explain improvements in a culinary workplace using the tenets of food safety.
- Apply the principles of food management and systems in the provision of food and nutrition services to individuals and organizations.
- Develop a menu applying knowledge of food and nutrition and utilize leadership and communication skills working in the field.

**Global Opportunities:**

Global Experience: With more than 300 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad (<https://goglobal.asu.edu/>) is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a future-focused career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs.

**Career Opportunities:** Graduates are prepared for careers in the delivery of products and services, research and development, management of food service and sustainable food systems, and in nutrition and health communication and promotion. They also have capabilities to launch startups and businesses focused on individual practice, consulting and new product and service development.

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

**Contact Information:**

Health Solutions, College of  
College of Health Solutions  
<https://chs.asu.edu/bachelors-degrees/majorinfo/NHFNUENBS/undergrad/false/91407>  
HLTHN 401AA  
CHS@asu.edu  
602-496-3300

## Health Care Administration and Policy, BS (NHHCDBS)

**Campus:** Downtown Phoenix, Online

**Program Description:** The health care administration and policy bachelor's program studies the design of health care systems, processes, leadership and management. This knowledge can be used to optimize how health care is delivered to improve health for all.

The BS in health care administration and policy provides undergraduate students foundational knowledge of health care administration and health policy grounded in concepts of leadership, social determinants of health, informatics, systems engineering and economics. Faculty are multidisciplinary tenure-track and clinically trained professionals who work together to create, teach and share knowledge.

Graduates of this program are academically prepared, well-rounded and adept in skills necessary for a number of exciting careers in health care administration, policy making and management.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 117 - College Algebra

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Global Management, MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

#### General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### Attend Online:

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-health-care-admin-policy/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

#### Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NHHCDDBS~null + &college=CHL>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### Global Opportunities:

Global Experience: Studying health care administration and policy abroad (<https://goglobal.asu.edu/>) provides students the opportunity to develop valuable skill sets. Being exposed to unique health environments, learning culturally specific health approaches, and improving intercultural communication skills help prepare students to lead, giving them an advantage in their professional career.

The College of Health Solutions recommends these study abroad programs (<https://goglobal.asu.edu/students/major/chs/science-health-care-delivery>) for students majoring in health care administration and policy.

**Career Opportunities:** Job areas may include entry-level positions in health care administration, hospital administration, program management, policy, advocacy, system design, quality improvement and health services research. Opportunities may include positions in hospital systems, physician practices and clinics, patient navigation, the pharmaceutical industry, insurance companies, government and regulatory agencies, and health research organizations.

Graduates may pursue further education through graduate programs in areas such as health care delivery, administration and management.

#### Contact Information:

Health Solutions, College of

College of Health Solutions

<https://chs.asu.edu/degree-programs/health-care-systems>

HLTHN 401AA

CHS@asu.edu

602-496-3300

## Health Education and Health Promotion, BS (NHHEHPBS)

**Campus:** Downtown Phoenix, Online

**Program Description:** In the BS in health education and health promotion program, students learn how to improve health outcomes and prevent chronic and infectious disease. They develop understanding in how to help communities advocate for healthier environments and champion health equity. Students learn to plan, implement, manage and evaluate health promotion programs.

Students can specialize their knowledge in areas like diabetes prevention, sexual health, climate and health, HIV and substance abuse prevention, emergency preparedness, social media and health, body image and wellness, school health and violence prevention.

Once students graduate, they are eligible to sit for the certified health education specialist exam through the National Commission for Health Education Credentialing (<https://www.nchec.org/> (<https://www.nchec.org/>)). This is a globally recognized credential for health professionals. The

health education and health promotion program rigorously prepares students for the CHES exam.

Graduates become catalysts for improving community and individual well-being through health education and promotion.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** Any math course that meets the MA designation.

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-health-education-and-health-promotion/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NHHEHPBS~null + &college=CHL>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: With over 300 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire a global perspective and knowledge in preparation for a future-focused career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. More information on available programs can be found on the Global Education Office website (<https://goglobal.asu.edu/>).

**Career Opportunities:** Employment of health educators is expected to grow much faster than the average for all professions, with the U.S.

Department of Labor predicting a 17% increase in the field between 2020 and 2030. The need for health education specialists, or health educators, has never been more critical than it is today.

Health education specialists can work with non-profit organizations, tribal nations, schools, hospitals, clinics, businesses and government agencies.

Common job titles include:

- community health educator
- community outreach coordinator
- wellness coordinator
- prevention specialist

Graduates can hold an assortment of roles, such as lactation consultants, diabetes educators, cancer information specialists and grant writers.

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

**Contact Information:**

Health Solutions, College of  
College of Health Solutions  
<https://chs.asu.edu/bachelors-degrees/majorinfo/NHHEHPBS/undergrad/false/91407>  
HLTHN 401AA  
chs@asu.edu  
602-496-3300

## Health Sciences, BS (NHHSCBS)

**Campus:** Downtown Phoenix, Polytechnic, West, Online

**Program Description:** In the BS program in health sciences, students learn about health care systems and how systems are financed and structured. Leadership and professionalism are highlighted along with the role of providers in delivering evidence-based care. Ethical and effective communication skills are also developed. Today's challenges are analyzed, leading graduates to develop innovative solutions.

Students choose focus areas in community-based health outcomes; health legislation and regulation; integrated care; or language, speech and communication.

A limited number of students each year may apply to pursue the echocardiography certificate through Mayo Clinic after taking prerequisite courses. Once the certificate is completed, students may transfer the credits to ASU and apply credits toward their Bachelor of Science program in health sciences. Interested students should seek advising before starting coursework.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** Any math course that meets the MA designation.

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

Global Management, MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/health-sciences-bs/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NHHSCBS~null + &college=CHL>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Global Opportunities:**

Global Experience: Study abroad (<https://goglobal.asu.edu/>) provides health sciences students the opportunity to develop a valuable skill set such as flexibility and communication skills that can give them an advantage in their professional career. Personal enrichment can be gained through exposure to unique health environments, learning culturally specific health approaches, and much more.

The College of Health Solutions recommends these programs (<https://goglobal.asu.edu/students/major/chs/exercise-wellness>) for students majoring in health science.

**Career Opportunities:** Graduates are prepared to continue their education in graduate or professional school or to enter the health field or health care workforce, in any of a variety of capacities including indirect and direct patient and community care roles.

The range of career opportunities include:

- elder services program coordinator
- health and patient educator
- health maintenance organization or insurance company client coach
- Healthy Start coordinator
- home health care coordinator
- long-term care health and wellness coordinator
- school health and program specialist
- Women, Infants and Children (WIC) and community nutrition aide

Graduates also may choose to pursue advanced degree programs in various discipline-specific medical fields.

#### **Contact Information:**

Health Solutions, College of  
College of Health Solutions  
<https://chs.asu.edu/bachelors-degrees/majorinfo/NHHSCBS/undergrad/false/91407>  
HLTHN 401AA  
chs@asu.edu  
602-496-3300

## **Health Sciences (Health Policy), BS (NUHSCHPBS)**

**Campus:** Downtown Phoenix

ASU is no longer accepting new students to this program. Interested students should apply to the BS in health care administration and policy (<https://degrees.apps.asu.edu/bachelors/major/ASU00/NHHSCBS/health-care-administration-and-policy>) or the BS in health sciences (<https://degrees.apps.asu.edu/bachelors/major/ASU00/NHHSCBS/health-sciences>).

**Program Description:** The BS program in health sciences is designed to provide the academic knowledge and skills that allow students to move directly into a range of employment opportunities within the health field or to continue their education in discipline-specific programs.

Students complete a complement of core courses that emphasize ethics, communication skills, critical thinking and cultural awareness.

The health policy program is designed for students interested in the community policy aspects of disease prevention and health promotion. The continuum of health care now spans a diverse array of health providers ranging from private practitioner offices and outpatient care centers to residential care facilities and acute care hospitals. Key to the enhancement of health care within the U.S. is the development and implementation of innovative, cost-effective and universally accessible programs.

Students in this concentration are required to complete a supervised practicum, providing hands-on experience within their field of interest. Students may also wish to consider using their electives to complete a minor in nonprofit administration, which requires 15 credit hours.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 117 - College Algebra

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: The Downtown campus is available to all students who meet university admission standards.

The West campus is only available to students who will be first-time freshmen, defined as those who have earned 12 college credit hours or fewer at the time of admission.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NUHSCHPBS~null + &college=CHL>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: With over 300 programs in more than 65 countries (programs vary in length, from one week to one year), participation in a Global Education program (<https://goglobal.asu.edu/>) is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a future-focused career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs.

**Career Opportunities:** Career opportunities are available in city, county and state departments of health, with additional employment opportunities in the health insurance industry, nonprofit sector and within various corporate entities providing health care.

**Contact Information:**

Health Solutions, College of

College of Health Solutions

<https://chs.asu.edu/>

HLTHN 401AA

[chs@asu.edu](mailto:chs@asu.edu)

602-496-3300

## Health Sciences (Healthy Lifestyles and Fitness Science), BS (NUHSCHLCBS)

**Campus:** Downtown Phoenix, Online

**Program Description:** The BS program in health sciences with a concentration in healthy lifestyles and fitness science provides students with skills for employment in health, wellness and fitness fields or for continuing their education in graduate and professional school.

Students study disciplines such as nutrition, fitness, stress management, substance abuse, behavior change and coaching psychology and train for work in preventive health care. They learn how to use lifestyle coaching, physical activity and health care education to improve community health and how to address the challenges reflected by socio-economic determinants of health.

This program supports successful completion for nationally accredited certification in health and fitness, such as American College of Sports Medicine's certification for personal trainers: <https://www.acsm.org/> (<https://www.acsm.org/>). Students who complete this degree and one additional course are eligible for national certification for health and wellness coaches offered by the National Board for Health and Wellness Coaches: <https://nbhwc.org/> (<https://nbhwc.org/>).

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics Any math course that meets the MA designation.

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to choose a 3-year path while participating in the same high-quality educational experience of a 4-year option. Students can opt to fast-track their studies after acceptance into a participating program by connecting with their academic advisor. Fast track options appear at the top of the major map.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-health-sciences-healthy-lifestyles-coaching/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NUHSCHLCBS~null + &college=CHL>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Develop a comprehensive health and wellness coaching plan.
- Apply evidence-based health and wellness coaching competencies to build a coaching relationship, and guide clients through enriched support for self-awareness and self-discovery.
- Implement health and wellness evidence-based interventions and strategies to elicit positive changes in individuals within the general population.
- Utilize their health coaching skills within the coaching scope of practice following ethical and legal requirements.
- Utilize evidence-based physical activity programs with appropriate volume and intensity of exercise to elicit positive health changes in individuals within the general population.

**Global Opportunities:**

Global Experience: Studying abroad (<https://goglobal.asu.edu/>) provides students majoring in health sciences the opportunity to develop valuable skill sets that can give them an advantage in their professional career, like flexibility and communication skills. Personal enrichment can be gained through exposure to unique health environments, learning culturally specific healthy lifestyle approaches and much more.

**Career Opportunities:** According to the U.S. Bureau of Labor Statistics, employment for health coaches and health educators is projected to grow 17% between 2020 and 2030, faster than the average for all occupations. Growth is driven by efforts to improve health outcomes and reduce health

care costs by teaching people about healthy habits and behaviors and utilization of available health care services.

Health, wellness and fitness coaches work in hospitals and health care facilities, schools, public health departments, nonprofit organizations, prevention agencies (e.g., American Heart Association), lifestyle and weight management consulting firms, outpatient fitness centers, university fitness and wellness centers, and private businesses.

Specialty areas may include:

- bariatric weight loss clinic counseling and management
- corporate fitness and worksite wellness

Career options include positions such as:

- corporate wellness coordinator
- fitness center director
- group exercise specialist
- health and patient educator
- personal trainer
- school health and nutrition program specialist
- Women, Infants, and Children program and community nutrition aide
- worksite wellness coach or coordinator

Graduates are also well prepared for admission into graduate programs in health promotion, population health, lifestyle management, integrative health, health administration, psychology and medicine.

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

**Contact Information:**

Health Solutions, College of

College of Health Solutions

<https://chs.asu.edu/bachelors-degrees/majorinfo/NUHSCHLCBS/undergrad/false/91407>

HLTHN 401AA

[chs@asu.edu](mailto:chs@asu.edu)

602-496-3300

## Health Sciences (Pre-professional), BS (NUHSCPREBS)

**Campus:** Downtown Phoenix

ASU is no longer accepting new students to this program. Interested students should apply to the BS in medical studies

(<https://degrees.apps.asu.edu/bachelors/major/ASU00/NHMEDBS/medical-studies>).

**Program Description:** The BS program in health sciences is designed to provide students the academic knowledge and skills they need to move directly into a range of employment opportunities within the health field or to continue their education in discipline-specific programs.

The preprofessional program is designed for students planning to enter medical, dental, osteopathic, physical therapy, veterinary, pharmacy and similar professional schools. In addition to a comprehensive core of basic science courses, the concentration is unique in that it provides a solid base in ethics; communication; the evaluation of research (the cornerstone of evidence-based practice); and healthy lifestyles (the foundation of health promotion and chronic disease risk reduction avenues of health care), including the role of complementary and alternative care within the U.S. health care system. Students have the ability to incorporate electives that contribute to their knowledge of and sensitivity to the needs of populations impacted by health disparities.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 251 - Calculus for Life Sciences

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.



Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NUHSCPREBS~null + &college=CHL>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

### **Global Opportunities:**

Global Experience: With over 300 programs in more than 65 countries (programs vary in length, from one week to one year), participation in a Global Education program (<https://goglobal.asu.edu/>) is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a future-focused career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs.

**Career Opportunities:** Graduates are prepared for entrance into an advanced degree program in the medical field. Their immediate employment opportunities include:

- clinical research coordinator
- health officer
- sales and marketing representative (pharmaceutical or medical device companies)

### **Contact Information:**

Health Solutions, College of

College of Health Solutions

<https://chs.asu.edu/>

HLTHN 401AA

[chs@asu.edu](mailto:chs@asu.edu)

602-496-3300

## **International Public Health, BIPH (NHIPHBIPH)**

**Campus:** Online

**Program Description:** The BIPH builds and strengthens the international public health workforce using coursework from two leading universities: ASU and the University of New South Wales in Sydney, Australia.

Aligned with U.S. accreditation standards in public health, the Bachelor of International Public Health program teaches new approaches to public health issues, including health promotion, communicable disease prevention, environmental health, public health surveillance and global health management. Students develop a holistic, equitable, ethical and sustainable approach to public health practice, collaborating with diverse stakeholders to develop and implement strategies to ensure health for all.

In their final year, students complete a research-based capstone experience in their area of interest, which prepares them for their career of choice. Students use this opportunity to develop and implement public health research and interventions with community-based organizations throughout the world.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 117 - College Algebra

**Program Math Intensity:** Moderate

### **Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

### **Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)  
Transfer (<https://admission.asu.edu/transfer/apply>)  
International (<https://admission.asu.edu/international/undergrad-apply>)  
Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors. Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-international-public-health/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NHIPHBIPH~null + &college=CHL>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

PLuS Alliance: The PLuS Alliance partnership combines the strengths of three leading research universities from three continents to create and share knowledge that will solve pressing educational and societal challenges.

Students have the opportunity to engage with peers and specialists across the globe through PLuS-partner courses offered online. Through this PLuS Alliance collaborative degree program, students develop transferable global competencies and gain exposure to international teaching and academic content. <https://www.plusalliance.org/> (<http://www.plusalliance.org/>)

Global Experience: International public health students have the opportunity to gain exposure to culturally specific health approaches and community-based opportunities and to learn about unique health environments and differences in human condition worldwide through study abroad.

With more than 300 options available, whether in a foreign country, in the U.S. or online, Global Education programs (<https://goglobal.asu.edu/>) allow students to tailor their experience to their unique interests and skill sets.

The College of Health Solutions recommends these study abroad programs (<https://chs.asu.edu/student-life/study-abroad>) for students majoring in international public health.

**Career Opportunities:** The most recent report of the United Nations High-Level Commission on Health Employment and Economic Growth described the importance of a global workforce that will support the creation of 40 million new jobs by 2030, particularly in low- and middle-income countries. Critical needs include global health policy, data and informatics, quality and process improvement, ethics, economics and community-based care.

Specific career titles include:

- education coordinator
- health coach
- program coordinator
- program manager
- program officer
- project analyst
- research associate
- public health scientist

Commonly cited hiring organizations include the Peace Corps, the United States Agency for International Development, the Centers for Disease Control and Prevention, the United Nations Children's Fund, other nongovernmental organizations, and state and federal agencies.

**Contact Information:**

Health Solutions, College of

College of Health Solutions  
<https://chs.asu.edu/bachelors-degrees/majorinfo/NHIPHBIPH/undergrad/false/91407>  
HLTHN 401AA  
chs@asu.edu  
602-496-3300

## Kinesiology, BS (NUKINBS)

**Campus:** Downtown Phoenix, ASU at Lake Havasu

**Program Description:** A BS in kinesiology provides students with a deep understanding of how the human body works.

In kinesiology, all aspects of human function are studied from the perspective of human movement. The rigorous curriculum provides a scientifically inclusive approach to human movement; students study mechanical, anatomical, neural, developmental, physiological and psychological mechanisms. This gives students a well-rounded understanding of all aspects of human function as it pertains to movement and exercise.

Students have opportunities to work one-on-one with faculty on research projects, in labs, as teaching assistants, or other independent study experiences.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 170 - Precalculus

**Program Math Intensity:** Moderate

### Concurrent Program Options:

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

### Accelerated Program Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

Clinical Exercise Physiology, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

### Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

### Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NUKINBS-null + &college=CHL>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

### Program Learning Outcomes:

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Apply biomechanical principles to the understanding and explanation of human movement.
- Demonstrate the ability to synthesize data to make evidence based practice decisions.

- Apply psychological principles to the understanding and explanation of human movement
- Apply principles of motor behavior to the understanding and explanation of human movement.
- Apply physiological principles to the understanding and explanation of human movement

#### **Global Opportunities:**

Global Experience: Professional health education is competitive. Less than 50% of the students who apply to medical schools are admitted. There are four applicants for every one seat in physician assistant programs. Medical and professional school admissions increasingly focus on students with dedication to community service, so engaging in community activities and research abroad will help any student who plans a career in a health field to create a diverse, accomplished portfolio.

Kinesiology students gain cultural competency, language skills and vital leadership experience while studying abroad. Global Education programs (<https://goglobal.asu.edu/>) provide the chance to experience unique health environments, practice alternative approaches to health care, and witness the human condition in a global context. Opportunities also exist for hands-on research and community-based service, which can prepare students' to lead in a future-focused career.

The College of Health Solutions recommends these programs (<https://goglobal.asu.edu/students/major/chs/kinesiology>) for students majoring in kinesiology.

**Career Opportunities:** An undergraduate degree in kinesiology prepares students for graduate study that can lead to a variety of clinical and research occupations including:

- allopathic, osteopathic or naturopathic physician
- athletic trainer
- biomechanist
- chiropractor
- clinical exercise physiologist
- occupational therapist
- orthopedic surgeon
- physical therapist
- physician assistant
- prosthetist or orthotist

The program prepares students for graduate study in physical or occupational therapy, physician assistant programs, medicine and other health-related professional programs.

#### **Contact Information:**

Health Solutions, College of  
College of Health Solutions  
<https://chs.asu.edu/bachelors-degrees/majorinfo/NUKINBS/undergrad/false/91407>  
HLTHN 401AA  
CHS@asu.edu  
602-496-3300

## **Medical Studies, BS (NHMEDBS)**

**Campus:** Downtown Phoenix, Polytechnic, West, Online

**Program Description:** The BS program in medical studies provides students with the opportunity to meet the prerequisites for medical and professional school, including medicine (MD, DO and naturopathic), dentistry, physician assistant programs, pharmacy, occupational therapy, optometry and others, and prepares the student for required postgraduate entrance exams, including the revised MCAT.

Students can customize the medical studies degree to meet the prerequisites of the health professions programs for which they intend to apply. Students have the opportunity to learn directly from health care providers who are currently practicing in the field, and they can select clinically related internships or electives during their junior year.

This degree program integrates communication, ethics, critical thinking, teamwork and leadership, all of which are essential competencies for members of today's health care teams.

Due to the high volume of overlap in curriculum, students enrolled in this degree are not permitted to declare a concurrent degree combination with the BS in biological sciences, including the following concentrations: biomedical sciences; genetics, cell and developmental biology; and neurobiology, physiology and behavior. Students should speak with their academic advisor for any further questions.

**Additional Program Fee:** Y

**Second Language Requirement:** N**First Required Math Course:** MAT 170 - Precalculus**Program Math Intensity:** Moderate**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)Transfer (<https://admission.asu.edu/transfer/apply>)International (<https://admission.asu.edu/international/undergrad-apply>)Readmission (<https://admission.asu.edu/undergrad/readmission>)**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/medical-studies-bs-premed/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NHMEDBS~null + &college=CHL>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Professional health education is competitive. Fewer than half of students who apply to medical schools are admitted. There are four applicants for every one seat in physician assistant programs. Medical and professional school admissions increasingly focus on students with dedication to community service, so engaging in community activities and research abroad will help any student attempting a health career to create a diverse, accomplished portfolio.

Students pursuing medical studies who study abroad can advance their cultural awareness, medical experience and global health understanding. Global Education programs (<https://goglobal.asu.edu/>) expand a student's knowledge of culturally specific health approaches while helping them develop strategies to adapt to unique social circumstances. Study abroad is a chance to fine-tune communication, critical thinking and leadership capabilities while taking advantage of opportunities for research, internships and service.

The College of Health Solutions recommends these programs (<https://goglobal.asu.edu/students/major/chs/medical-studies>) for students majoring in medical studies.

**Career Opportunities:** Graduates are academically prepared, well rounded, and adept in skills for a number of exciting careers in the allied health fields, dentistry, medicine, education, government, health care industries, and nonprofit organizations.

Positions could include:

- community health worker
- project coordinator
- research assistant
- sales or marketing representative (e.g., medical device or pharmaceutical industry)

They also are well prepared to pursue postgraduate health degrees, resulting in a career as a:

- chiropractor
- dentist
- naturopathic physician
- optometrist
- pharmacist
- physician
- physician assistant
- podiatrist
- public health professional

**Contact Information:**

Health Solutions, College of  
 College of Health Solutions  
<https://chs.asu.edu/bachelors-degrees/majorinfo/NHMEDBS/undergrad/false/91407>  
 HLTHN 401AA  
 chs@asu.edu  
 602-496-3300

**Nutrition, BS (NHNTRBS)**

**Campus:** Downtown Phoenix, Online

ASU is no longer accepting new students to this program. Students interested in nutrition should apply to the Food and Nutrition Entrepreneurship BS (<https://degrees.apps.asu.edu/bachelors/major/ASU00/NHFNUENBS/food-and-nutrition-entrepreneurship>) program.

**Program Description:** The BS in nutrition program includes exploration of important emerging topics, including developing an evidence-based online presence through social media, blogging and podcasting; creating stand-alone businesses in nutrition, such as individual practices and consulting programs; and entrepreneurship in the food industry through development of new products and services.

Experiential learning is integrated into the program's curriculum; students have opportunities to work with external stakeholders and community partners specializing in food and nutrition entrepreneurship to gain real-world experience, develop professional relationships and establish a foundation and direction for their future careers.

This program prepares students to work in the expanding field of food and nutrition related entrepreneurial ventures and program initiatives. Graduates are poised to meet within food and nutrition industries the demand for the application of valid nutritional concepts.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** Any math course that meets the MA designation.

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:  
 All students are required to meet general university admission requirements.  
 Freshman (<https://admission.asu.edu/freshman/apply>)  
 Transfer (<https://admission.asu.edu/transfer/apply>)  
 International (<https://admission.asu.edu/international/undergrad-apply>)  
 Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-nutrition/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use

MyPath2ASU® (<https://webapp4.asu.edu/transferecreditguide/app/transfermap?major=NHNTRBS~null + &college=CHL>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Global Opportunities:**

Global Experience: In the field of nutrition, study abroad (<https://goglobal.asu.edu/>) can expose students to unique health environments and expand students' knowledge of culturally specific health approaches. Students gain a deeper understanding of how food and culture intertwine and how to communicate nutritional and sanitary standards to a diverse audience. Students' resumes are enhanced with the heightened communication, cultural competency and critical thinking skills they acquired through study abroad.

The College of Health Solutions recommends these study abroad programs (<https://goglobal.asu.edu/students/major/chs/nutrition>) for students majoring in nutrition.

**Career Opportunities:** Nutrition graduates are prepared for careers within companies looking to innovate, in the delivery of products and services, in research and development, in management of food service and sustainable food systems, and in nutrition and health communication and promotion. They have the capabilities to launch startups and businesses focused on individual practice, consulting, and new product and service development. There are a wide array of career opportunities available for graduates of this program.

#### **Contact Information:**

Health Solutions, College of  
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<https://chs.asu.edu/>  
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602-496-3300

## **Nutrition (Dietetics), BS (ECNTRDBS)**

**Campus:** Downtown Phoenix

ASU is no longer accepting new students to this program. Interested students should apply to the BS in dietetics (<https://degrees.apps.asu.edu/bachelors/major/ASU00/NHDIETCSBS/dietetics>).

**Program Description:** The BS in nutrition with a concentration in dietetics prepares students with the required coursework and skills they need in order to apply for a dietetic internship, which is required before they can sit for the registration exam to become a registered dietitian, which is a food and nutrition expert. In addition to a core of professional nutrition courses, students complete a broad range of science, management and communication classes. The program emphasizes the application of nutrition within clinical, community, food production and wellness areas.

More information about this credential and the requirements for this credential can be found at <https://www.eatrightpro.org/acend> (<https://www.eatrightpro.org/acend>).

ASU's bachelor's degree program in nutrition with a concentration in dietetics is accredited as a Didactic Program in Dietetics by the Accreditation Council for Education in Nutrition and Dietetics, 120 S. Riverside Plz., Ste. 2190, Chicago IL 60606-6995, phone: 800-877-1600, ext. 5400.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

#### **Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

#### **Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ECNTRDBS~null + &college=CHL>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Study abroad (<https://goglobal.asu.edu/>) can expose students in the field of nutrition to unique health environments and expand their knowledge of culturally specific health approaches. Students gain a deeper understanding of how food and culture intertwine, and they learn how to communicate nutritional and sanitary standards to a diverse audience. Students enhance their resumes with the heightened communication, cultural competency and critical thinking skills they acquired through study abroad.

The College of Health Solutions recommends the following study abroad programs (<https://goglobal.asu.edu/students/major/chs/nutrition-dietetics>) for students majoring in nutrition with a concentration in dietetics.

**Career Opportunities:** The nutrition and dietetics field provides employment opportunities in fields such as:

- consulting
- education
- food and nutrition marketing and sales
- nutrition and health promotion
- school food service

Graduates may find opportunities in environments such as:

- hospitals and other health care facilities
- public health agencies

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

**Contact Information:**

Health Solutions, College of  
College of Health Solutions  
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602-496-3300

## Nutrition (Food and Nutrition Management), BS (ECNTRMBS)

**Campus:** Downtown Phoenix, Online

ASU is no longer accepting new students to this program. Students interested in this program should apply to the BS in food and nutrition entrepreneurship (<https://degrees.apps.asu.edu/bachelors/major/ASU00/NHFNUENBS/food-and-nutrition-entrepreneurship>).

**Program Description:** The BS program in nutrition with a concentration in food and nutrition management provides students with the ability to apply nutrition principles to food production. This concentration is designed to provide students with an understanding of the food industry and teach them how to manage and market food and develop a food or menu that meets a specific nutritional guideline.

Coursework focuses on a strong foundation in food purchasing, production and planning. Additional coursework in management, marketing and nutrition prepares students for a variety of food service positions. Graduates can also pursue the credentials of certified dietary manager, school nutrition specialist or registered sanitarian.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** Any math course that meets the MA designation.

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.



**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ECNTRMBS~null + &college=CHL>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: With over 300 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad (<https://goglobal.asu.edu/>) is possible for all ASU students who wish to acquire a global perspective and knowledge in preparation for their career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs.

The College of Health Solutions recommends these study abroad programs (<https://goglobal.asu.edu/students/major/chs/nutrition>) for students majoring in nutrition.

**Career Opportunities:** According to the Bureau of Labor Statistics, the number of food service managers is projected to increase by 15% between 2020 and 2030, faster than the average for all occupations.

Graduates are prepared to become food service directors at schools, health care facilities, and corporate food service operations and to own restaurants or nutrition-related businesses, work in supplement or pharmaceutical sales, or work in food marketing and distribution.

**Contact Information:**

Health Solutions, College of

College of Health Solutions

<https://chs.asu.edu/>

HLTHN 401AA

[chs@asu.edu](mailto:chs@asu.edu)

602-496-3300

## Nutrition (Human Nutrition), BS (ECNTRHBS)

**Campus:** Downtown Phoenix

ASU is no longer accepting new students to this program. Students interested in this program should apply to the Nutritional Science, BS (<https://degrees-qa.apps.asu.edu/bachelors/major/ASU00/NHNU SCIBS/nutritional-science>).

**Program Description:** The BS program in nutrition with a concentration in human nutrition provides students with a strong foundation in nutrition and science that prepares them for careers in public or community health programs and clinical or graduate research programs.

In addition to providing a strong foundation in medical nutrition therapy, the coursework includes anatomy, physiology, chemistry and microbiology. Students gain knowledge of nutritional concepts that health care professionals sometimes lack.

Students from this program have gone on to study:

- dentistry
- medicine
- naturopathic medicine
- optometry and podiatry
- osteopathic medicine
- pharmacy

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 170 - Precalculus

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ECNTRHBS~null + &college=CHL>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: In the field of nutrition, study abroad can expose students to unique health environments and expand their knowledge of culturally specific health approaches. Students gain a deeper understanding of how food and culture intertwine and how to communicate nutritional and sanitary standards to a diverse audience.

Students enhance their resumes with the heightened communication, cultural competency and critical thinking skills they acquired through study abroad (<https://goglobal.asu.edu/>).

The College of Health Solutions recommends these study abroad programs (<https://goglobal.asu.edu/students/major/chs/nutrition>) for students majoring in nutrition.

**Career Opportunities:** The nutrition field provides employment opportunities in:

- education
- food and nutrition marketing and sales
- food service
- health care
- nutrition and health promotion and consulting
- public health

Graduates of the human nutrition program often go on to apply to medical school or another health profession. The area of nutrition research is also a good fit for human nutrition majors.

**Contact Information:**

Health Solutions, College of

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<https://chs.asu.edu/>

HLTHN 401AA

[chs@asu.edu](mailto:chs@asu.edu)

602-496-3300

## Nutrition (Nutrition Communication), BS (ECNTRCBS)

**Campus:** Downtown Phoenix, Online

ASU is no longer accepting new students to this program. Students interested in this program should apply to the BS in food and nutrition entrepreneurship (<https://degrees.apps.asu.edu/bachelors/major/ASU00/NHFNUENBS/food-and-nutrition-entrepreneurship>).

**Program Description:** The BS in nutrition with a concentration in nutrition communication is designed to help students become experts in communicating health and nutrition content. This concentration was originally developed in collaboration with the Walter Cronkite School of Journalism and Mass Communication.

Nutrition courses provide the content for articles students write in their communication-related classes. This degree program provides students with

a strong understanding of the scientific method, statistics, nutrition, health care and wellness that many traditional journalists lack. Faculty members teach students how to avoid sensationalism and how to avoid sacrificing reality to get a better story.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ECNTRCBS~null + &college=CHL>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: With over 300 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad (<https://goglobal.asu.edu/>) is possible for all ASU students who wish to acquire a global perspective and knowledge in preparation for their career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs.

The College of Health Solutions recommends these study abroad programs (<https://goglobal.asu.edu/students/major/chs/nutrition>) for students majoring in nutrition.

**Career Opportunities:** The nutrition communication field offers employment opportunities with:

- community and health care agencies
- magazines
- newspapers
- private corporations (public relations firms)
- web-based companies

With this degree, graduates can pursue careers as:

- authors
- consultants in program or product development
- freelance writers for newspapers and magazines
- public relations representatives for food and beverage companies

**Contact Information:**

Health Solutions, College of  
College of Health Solutions  
<https://chs.asu.edu/>  
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602-496-3300

## Nutritional Science, BS (NHNUSCIBS)

**Campus:** Downtown Phoenix

**Program Description:** The BS program in nutritional science provides students with a strong foundation in nutrition, biological sciences, research methods, and prevention and treatment of health conditions. With two different tracks, nutrition research or integrative nutrition, this program prepares students for careers in a variety of fields.

The integrative nutrition track establishes a strong basis in evidence-based nutrition practices, nutritional interventions across the human lifespan, and both individualized and community approaches to improving human health. The track prepares students for careers in a variety of health care settings including naturopathic medicine.

With the nutrition research track, students can expect to engage in coursework that integrates evidence-based nutrition with anatomy, physiology, chemistry and microbiology to prepare them for clinical or graduate research programs and careers in research. This track allows students to work alongside faculty while gaining hands-on experience in nutrition research.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 117 - College Algebra OR MAT 170 Precalculus

**Program Math Intensity:** Moderate

### Concurrent Program Options:

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

### Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

### Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NHNUSCIBS-null + &college=CHL>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

### Program Learning Outcomes:

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Students will be able to interpret scientific literature to make evidence-based conclusions for the general public.
- Students will be able to assess clinical and scientific data to make individual and community intervention or research implementation decisions.
- Students will communicate food and nutrition information by reflecting on information and evaluating ethics of different approaches.

### Global Opportunities:

Global Experience: With over 300 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad (<https://goglobal.asu.edu/>) is possible for all ASU students who wish to acquire a global perspective and knowledge in preparation for their career.

Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs.

The College of Health Solutions recommends these programs (<https://goglobal.asu.edu/students/major/chs/nutrition>) for students majoring in nutritional science

**Career Opportunities:** Students from this program can find job opportunities in clinical and life sciences research, allopathic, osteopathic and naturopathic medicine, molecular and cellular biology, industry research and development, dentistry and pharmacy.

**Contact Information:**

Health Solutions, College of

College of Health Solutions

<https://chs.asu.edu/bachelors-degrees/majorinfo/NHNUSCIBS/undergrad/false/91407>

HLTHN 401AA

chs@asu.edu

602-496-3300

## Population Health, BS (NHPOPHLBS)

**Campus:** Downtown Phoenix, West

ASU is not accepting applications for this program, effective Spring 2024. Interested students should apply to the Public Health BS (<https://degrees.apps.asu.edu/bachelors/major/ASU00/NHPBHBS/public-health>) program.

**Program Description:** In the BS in population health program, students learn how social determinants of health, access to care, and infrastructure influence the health of defined groups. They also gain understanding of how community and professional stakeholders work across systems to improve health.

The multidisciplinary program features many modes of learning to enable and empower students. One is experiential learning, including student engagement as citizen scientists, to better understand population health. The program provides training in biomedical informatics, economics, social determinants of health, program and community assessment, program planning and health care delivery. This education leaves graduates well equipped to enter a growing field.

In the program, students can choose a track tailored to their professional interests. This allows them to customize their learning by focusing on health care compliance, health education, environmental systems, health systems design and improvement, or health informatics.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 117 - College Algebra

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NHPOPHLBS~null + &college=CHL>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: With over 300 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad (<https://goglobal.asu.edu/>) is possible for all ASU students wishing to gain a global perspective and knowledge in preparation for their career.

Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs.

**Career Opportunities:** Multiple career opportunities exist for graduates with a degree in population health, depending on the areas of expertise that they developed via core training in population health and the track that they pursued. Those who pursued the biomedical information track, for example, are most qualified for positions that require working with a variety of datasets, while those who chose the health education specialist track are trained to work at the interface of health care and public health.

Specific job titles that currently exist for those trained in population health include:

- community health worker
- health care data analyst
- program coordinator
- population health analyst, coordinator or specialist
- population health practice liaison for population outreach
- research assistant

**Contact Information:**

Health Solutions, College of

College of Health Solutions

<https://chs.asu.edu/bachelors-degrees/majorinfo/NHPOPHLBS/undergrad/false/91407>

HLTHN 4th

chs@asu.edu

602-496-3300

## Public Health, BS (NHPBHBS)

**Campus:** Downtown Phoenix

**Program Description:** Public health is the practice of preventing disease and promoting good health within groups of people in communities or countries. The BS program in public health educates students through courses that focus on the five pillars of the field: epidemiology, environmental health, health administration, biostatistics, and health promotion and education.

While in the program, students undertake an internship that gives them practical experience in the public health workforce.

The Bachelor of Science in public health pairs well with the health education specialist certificate, the health care policy and delivery certificate, and the hospice and palliative care certificate, each offered by the College of Health Solutions.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics OR MAT 117 College Algebra

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NHPBHBS~null + &college=CHL>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Global Opportunities:**

Global Experience: Study abroad is important for future success in the public health field. Exposure to unique health environments expands students' cultural competencies and worldviews and eliminates bias, and students can enhance their portfolio of experience through hands-on research, all of which gives them an advantage in their field.

With more than 300 options available, Global Education programs (<https://goglobal.asu.edu/>) allow students to tailor their experience to their unique interests and skill sets. Whether in a foreign country, the U.S. or online, students in public health are able to learn about unique health environments and differences in human condition worldwide. The College of Health Solutions recommends these programs (<https://goglobal.asu.edu/students/major/chs/public-health>) for students majoring in public health.

**Career Opportunities:** Graduates of this program qualify for entry-level positions in public health education, sanitation and environmental control, public health administration, health promotion, and similar areas. Employment opportunities are available within national, state and local health departments and in community clinics, community and private advocacy groups, health education programs and nonprofit organizations.

Popular positions include:

- community health workers --- liaise with officials to improve the quality and cultural competence of health care service delivery to the community or to vulnerable groups
- environmental specialists --- investigate environmental health and food risks, advise the community on risk reduction and implement public health projects
- occupational health and safety specialists --- inspect workplaces for adherence to regulations and design programs for injury and illness prevention
- public health educators --- develop and implement strategies to improve the health of individuals and communities
- sanitarians --- observe facilities to ensure minimal disease spread, develop protocols for hygiene and monitor the handling of waste

The program also provides graduates with the knowledge and skills that allow them to continue their education in graduate programs in public health or community health.

#### **Contact Information:**

Health Solutions, College of  
College of Health Solutions  
<https://chs.asu.edu/bachelors-degrees/majorinfo/NHPBHBS/undergrad/false/91407>  
HLTHN 401AA  
CHS@asu.edu  
602-496-3300

## **Speech and Hearing Science, BS (LASHSBS)**

**Campus:** Tempe, Online

The BS/MS accelerated option for this program is not currently available to ASU Online students.

**Program Description:** Students in the BS program in speech and hearing science study the normal aspects of the communication process. Emphasis is placed on the human communication system, including anatomy and physiology of the hearing and speech mechanisms; speech, language and hearing science; and normal development of speech and language production and perception. Upper-division coursework introduces clinical methods and disorders of speech, language and hearing.

Students attain broad-based knowledge in the basic aspects of speech, language and hearing sciences, which prepares them for graduate study in audiology or speech-language pathology or for employment opportunities in related health and behavioral fields.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 117 - College Algebra or MAT 170 Precalculus

**Program Math Intensity:** Moderate

#### **Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

#### **Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

## Auditory and Language Neuroscience, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

### Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

### Attend Online:

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/speech-and-hearing-science-bs/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

### Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LASHSBS-null + &college=CHL>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

### Program Learning Outcomes:

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Apply knowledge of typical adult speech and language profiles to evaluate speech and language deficits.
- Apply knowledge of typical speech and language development to evaluate developmental speech and language disorders.
- Evaluate the results of audiograms applying knowledge of normal hearing to determine hearing loss and auditory pathologies.

### Global Opportunities:

Global Experience: With over 300 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad (<https://goglobal.asu.edu/>) is possible for all ASU students who wish to acquire a global perspective and knowledge in preparation for their career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs.

The College of Health Solutions recommends these programs (<https://goglobal.asu.edu/students/major/chs/speech-hearing-science>) for students majoring in speech and hearing science.

**Career Opportunities:** Positions in speech-language pathology and audiology are in high demand, rated as careers with bright outlooks by the U.S. Department of Labor's Occupational Information Network. Employment opportunities for program graduates may include positions as:

- audiology assistants
- hearing aid or cochlear implant company representatives
- research assistants or associates in behavioral disciplines
- speech-language pathology assistants
- support personnel in rehabilitation or health facilities



Many graduates of speech and hearing sciences gain entrance into a graduate-level program in speech-language pathology or audiology. In both fields, a graduate degree is required for employment.

The undergraduate degree in speech and hearing science is also excellent preparation for those who wish to enter professional or graduate programs in fields such as:

- counseling
- education
- medicine
- rehabilitation
- social work
- special education
- teaching for the deaf

Graduates work with a variety of populations, including people on the autism spectrum; bilingual language learners; those with delayed or disordered speech and language or those experiencing hearing impairment or stuttering; patients recovering from strokes; or patients with degenerative or neurological disease. Graduates work with patients and clients across the lifespan, from infants to geriatrics, in a variety of settings, including:

- clinics
- hospitals
- private practice
- schools, all levels of preschool through secondary

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

**Contact Information:**

Health Solutions, College of  
College of Health Solutions

<https://chs.asu.edu/bachelors-degrees/majorinfo/LASHSBS/undergrad/false/91407>

HLTHN 401AA

[chs@asu.edu](mailto:chs@asu.edu)

480-965-2374

## Sports Science and Performance Programming, BS (NHSPTSPPBS)

**Campus:** Downtown Phoenix, West

**Program Description:** Supporting individuals at close to maximal effort requires specialized knowledge and skills. The BS program in sports science and performance programming prepares students to work with participants in sports, occupational and tactical environments in order to maximize their potential. Students learn the complexities of performance assessment and programming which can enable careers in sport science, sports medicine or biomechanics.

The National Strength and Conditioning Association has identified a need for sports performance and tactical performance specialists to be more knowledgeable about human physiology, movement mechanics and the technologies used to provide feedback. Graduates understand how to push the limits of performance as well as recognize the stress the body undergoes during training, enabling them to plan successful exercise and recovery programs.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 117 - College Algebra or MAT 170 Precalculus

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NHSPTSPPBS-null + &college=CHL>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Apply coaching strategies to maximize efficiency and performance of individuals and reduce the risk of injury under high stress during performance training.
- Understand the scientific foundations that govern adaptation and movement optimization identified as foundational competencies for the Certified Strength and Conditioning Specialist examination and necessary to properly construct advanced performance programs.
- Create evidence-based sports performance programs designed to improve individual and/or team performance and reduce the risk of injury potential during their participation in their activities.

#### **Global Opportunities:**

Global Experience: Students studying sports science and performance programming work to push the limits of peak sports performance. When studying abroad, they gain valuable skills in leadership, communication and critical thinking which they can use to push the limits of their personal knowledge and experience.

Study abroad experience allows students to stand out in a competitive field and leads to cultural enrichment and competency. For more information, students can visit the Global Education Office website (<https://goglobal.asu.edu/>).

**Career Opportunities:** Degree coursework prepares students to sit for certification testing through the National Strength and Conditioning Association for certified strength and conditioning specialist or tactical strength and conditioning facilitator credentials. Graduates are also prepared to work in the sports performance field or pursue graduate study in sports science, athletic training or other exercise science-related disciplines.

Career options for this degree include opportunities in sports performance training in high school, collegiate, professional and private sector markets. In addition, students are prepared for careers in tactical performance training with local, state and national governmental agencies including work with police, firefighters and military personnel. Graduates are also prepared to work in the emerging sports science field or to consult on athlete talent or potential.

A few potential career options from this degree or with some additional education include:

- athletic trainer
- fitness center director
- gait analyst
- performance center director
- sports data technician
- sports engineer
- sports performance coach
- sports scientist
- tactical performance coach

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

#### **Contact Information:**

Health Solutions, College of  
College of Health Solutions

<https://chs.asu.edu/bachelors-degrees/majorinfo/NHSPTSPPBS/undergrad/false/91407>

## Honors - Barrett, The Honors College

### Honors College, (9HOHONALL)

**Campus:** Downtown Phoenix, Polytechnic, Tempe, West

**Program Description:** Barrett, The Honors College is a community of scholars committed to an honors education, whether at any of the four of ASU campuses in metropolitan Phoenix or through ASU Online. The unique honors curriculum and honors-only benefits provide opportunities for students to enhance their Sun Devil experience.

The honors college is designed to complement the overall ASU experience by providing additional opportunities within any major and the university at large.

Barrett students earn the same 120 college credits that any other ASU student needs in order to graduate with a bachelor's degree, but a portion of them are earned as honors credits. There are a variety of ways to earn honors credits, from major-specific classes to internships, research, service learning and travel programs.

Barrett students participate in two different college experiences simultaneously. Not only are all Barrett students part of a premier Research I university (<https://www.asu.edu/rankings>), with considerable resources in the sheer number and variety of degree programs, they are also part of the nation's top honors college (<https://barretthonors.asu.edu/rankings>) with benefits more typical of a small, private college. Students leverage their status in honors to dive deeper into their interests through faculty mentorship, access to unique research and internship opportunities, specialized projects in classes, domestic and international travel programs, co-curricular opportunities, and student led engagement activities.

The residential and academic community of Barrett allows students to feel at home at ASU. Through the comprehensive residential communities at each Barrett campus, honors students enjoy community spaces, special events and student organizations right where they live. Barrett students are also supported by more than 43 full-time professors, 70 full-time staff members, a dean, vice dean, and an associate dean at each campus. Additionally, Barrett students have access to the T.W. Lewis Center for Personal Development (<https://barretthonors.asu.edu/academics/tw-lewis-center>), which provides programs and services that help prepare students for the challenges and opportunities of life. To accomplish this objective, the Lewis Center provides innovative courses, workshops and an engaging speaker series focused on self-awareness (behaviors, values, strengths), personal values and character development, leadership and entrepreneurship, decision-making and risk-taking, career planning, success, and happiness.

Barrett students are focused on excellence beyond their college experience and take advantage of the Lorraine Frank Office of National Scholarship and Advisement (<https://onsa.asu.edu/>), which serves all of ASU, and is located in the Barrett Complex on the ASU Tempe campus. There, Barrett faculty and staff mentor students as they apply for national and international fellowships. Each year, ASU students are selected for prestigious recognitions and awards, including from the Rhodes Scholarship, Gates Cambridge Scholarship, Thomas R. Pickering Foreign Affairs Fellowship, Goldwater Scholarship, Boren Awards for International Study and Killam Fellowship Program. ASU students also have been awarded the Benjamin A. Gilman International Scholarship, the National Science Foundation Graduate Research Fellowship Program and from the Fulbright U.S. Student Program, placing ASU among the nation's top producers of fellowship winners.

**Additional Program Fee:** Y

**Second Language Requirement:** N

#### **Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

#### **Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Additional Requirements:** Students must complete an application to Arizona State University before submitting a separate application to Barrett, The Honors College (<https://barretthonors.asu.edu>).

Students who have demonstrated high levels of academic achievement in high school or college may apply for admission to Barrett. Each

candidate must file an application to the college separate from the ASU application, in accordance with the appropriate Barrett deadlines.

Applicants are evaluated on the basis of their academic records and their ranking within the graduating class. For fall 2023, ACT and SAT scores are not required. The college also values students who have special talents and aptitudes, exhibit exceptional leadership qualities, have had unusual life experiences or display significant community involvement.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=9HOHONALL-null + &college=CHO>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Barrett, the Honors College highly encourages its students to enhance their educational experience by traveling. With over 300 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to gain global skills and knowledge in preparation for their career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. Students can find more information on the Global Barrett (<https://students.barretthonors.asu.edu/enhance-your-experience/global-initiatives-overview>) website.

**Career Opportunities:** Participation in Barrett sets graduates apart from other applicants for jobs, graduate programs, medical school, law school, or any other next step after undergraduate graduation. Barrett graduates showcase an ability to go beyond the minimum requirements to earn a bachelor's degree and a willingness to embrace intellectual curiosity and exploration. Students can explore the alumni page (<https://barretthonors.asu.edu/alumni-success>) to see what Barrett graduates are doing now.

**Contact Information:**

Honors - Barrett, The Honors College  
Barrett, The Honors College  
<https://barretthonors.asu.edu/>  
SGHAL 101  
BarrettAdvising@asu.edu  
480-965-2354

## Integrative Sciences and Arts, College of

### Applied Biological Sciences (Applied Biological Sciences), BS (TSABSABS)

**Campus:** Polytechnic

**Program Description:** The BS program in applied biological sciences offers students solid foundations in biology and related sciences while allowing them to focus on an area of special interest.

Students learn about fundamental principles such as movement of energy and matter, exchange of genetic information, as well as the structure and function relationships that govern life processes. They also learn about ethical and policy challenges that can arise when applying biological principles to social issues.

In this program, students contextualize knowledge through experience-based learning activities, including:

- case studies
- faculty-guided research and service-learning projects
- field trips
- hands-on laboratories and field experience
- internships

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help

international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 251 - Calculus for Life Sciences

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Applied Biological Sciences, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TSABSABS-null + &college=CLS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: With over 300 programs available in more than 65 countries, Global Education programs (<https://goglobal.asu.edu/>) allow students to tailor their educational experience to their unique interests and skill sets. Those in applied biological sciences are able to expand their knowledge of how science impacts society in a variety of cultures, and they can acquire a global perspective, preparing them to lead in a future-focused career. Students earn ASU credit for completed courses while staying on track for graduation, and they may apply financial aid and scholarships toward program costs.

**Career Opportunities:** Graduates may pursue entry-level careers in wildlife and restoration ecology, urban horticulture and secondary education. The general program in applied biological sciences prepares graduates to succeed in graduate and professional schools in disciplines such as:

- biological research
- dentistry
- environmental biotechnology
- human health

- medicine
- physical therapy
- secondary education

**Contact Information:**

Integrative Sciences and Arts, College of  
 School of Applied Sciences and Arts  
<https://cisa.asu.edu>  
 SANCA 233  
 CISA@asu.edu  
 480-727-1526

## Applied Biological Sciences (Applied Ecology and Preveterinary Medicine), BS (TSABSRBS)

**Campus:** Polytechnic

ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options.

**Program Description:** The applied ecology and preveterinary medicine concentration in the BS program in applied biological sciences is designed for students who want a strong scientific foundation in animal biology and health.

It is especially appropriate for students who plan to enter graduate or professional programs in veterinary medicine, animal health, wildlife biology and ecology or who plan to start careers related to wildlife biology, ecology, restoration and rangeland management.

Public and private career options are diverse and include small- and large-animal veterinary medicine, wildlife veterinary medicine, domestic and wild animal care, animal biology, habitat research and secondary education.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 210 - Brief Calculus

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

Applied Biological Sciences, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TSABSRBS~null + &college=CLS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: With over 300 programs in more than 65 countries (programs vary in length, from one week to one year), participating in a Global Education program (<https://goglobal.asu.edu/>) is possible for all ASU students who wish to acquire a global perspective and knowledge in preparation for a future-focused career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs.

**Career Opportunities:** Graduates can pursue numerous entry-level careers in animal health and nutrition. The program in applied biological sciences also prepares graduates to succeed in graduate or professional schools in disciplines such as:

- animal biology
- animal health
- veterinary medicine

**Contact Information:**

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## Applied Biological Sciences (Natural Resource Ecology), BS (LSABSNRBS)

**Campus:** Polytechnic

**Program Description:** The concentration in natural resource ecology in the BS program in applied biological sciences offers students the broad base of knowledge they need to sustainably manage natural resources in a variety of ecosystems.

Students learn about fundamental components of natural systems such as soils and water and the plant and wildlife communities they support. Students also learn to measure and assess plant and animal populations through a variety of field techniques and computer tools, including geographic information systems and remote sensing. Knowledge and techniques are applied to case studies in the classroom and laboratory projects.

Students in this program contextualize knowledge through experience-based learning activities, including:

- case studies
- faculty-guided research and service-learning projects
- field trips
- internships
- laboratories and field experiences

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 251 - Calculus for Life Sciences

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

Applied Biological Sciences, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSABSNRBS-null + &college=CLS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: The natural world is complex and diverse, providing different resources from one biome to the next. Not only are natural resources varied across the globe, so are their uses. Students who participate in Global Education programs (<https://goglobal.asu.edu/>) gain a deeper understanding of global resources, how different cultures use the resources, and how best to communicate sustainable use to a diverse audience.

**Career Opportunities:** Career opportunities include employment with public agencies and private consulting firms and in positions such as:

- environmental consultant
- environmental researcher and educator
- natural resource manager
- park manager
- watershed manager
- wildlife biologist or ecologist

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## Applied Biological Sciences (Pre-Dental), BS (LSABSPDBS)

**Campus:** Polytechnic, Online

**Program Description:** The purpose of the concentration in pre-dental medicine in the BS program in applied biological sciences is to prepare undergraduate students to successfully complete the admission requirements for the pursuit of an advanced degree in dental medicine.

The concentration curriculum emphasizes a solid foundation in biology, chemistry, physics and mathematics while offering specialized courses related to dental medicine as well as opportunities for placement in internships in the field.



Students in this program contextualize knowledge through experience-based learning activities, including:

- case studies
- faculty-guided research and service-learning projects
- field trips
- internships
- laboratory activities

**Additional Program Fee:** N

**Second Language Requirement:** N

**First Required Math Course:** MAT 251 - Calculus for Life Sciences

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/biological-sciences-pre-dental/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSABSPDBS--null + &college=CLS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: With over 300 programs in more than 65 countries (programs vary in length, from one week to one year), participation in a Global Education program (<https://goglobal.asu.edu/>) is possible for all ASU students who wish to acquire global skills and knowledge in preparation for their career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs.

**Career Opportunities:** Career opportunities for graduates of this program may include entry into professional programs in dental medicine. In addition, this program can lead to dental-focused careers outside of dental medicine.

The pre-dental program in applied biological sciences prepares graduates to succeed in graduate and professional schools in disciplines such as:

- biological research
- dental school
- environmental biotechnology
- human health
- medicine

- physical therapy
- secondary education

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## Applied Biological Sciences (Preveterinary Medicine), BS (LSABSPMBS)

**Campus:** Polytechnic, Online

**Program Description:** The purpose of the concentration in preveterinary medicine in the BS program in applied biological sciences is to prepare undergraduate students to successfully complete the admission requirements for the pursuit of an advanced degree in veterinary medicine.

The concentration curriculum emphasizes a solid foundation in biology, chemistry, physics, animal science and mathematics while offering specialized courses in veterinary medicine and opportunities for placement in internships in the field.

Students in this program contextualize knowledge through experience-based learning activities, including:

- case studies
- faculty-guided research and service-learning projects
- field trips
- internships
- laboratory activities

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 251 - Calculus for Life Sciences

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Applied Biological Sciences, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/pre-veterinary-medicine/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSABSPMBS-null + &college=CLS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: With over 300 programs in more than 65 countries (programs vary in length, from one week to one year), participation in a Global Education program (<https://goglobal.asu.edu/>) is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a future-focused career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs.

**Career Opportunities:** Career opportunities for graduates of this program may include entry into professional programs in veterinary medicine and animal health, including small- and large-animal veterinary medicine, wildlife veterinary medicine, domestic and wild animal care, education and animal biology research. This program can also lead to animal-focused careers outside of veterinary medicine at state game and fish departments, zoos, animal shelters and animal nonprofit organizations.

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## Applied Biological Sciences (Secondary Education in Biology), BS (TSABSSBS)

**Campus:** Polytechnic

**Program Description:** The secondary education in biology concentration in the BS program in applied biological sciences is designed for students who want to teach biology at the middle school to high school levels.

In addition to the standard curriculum, students receive hands-on experience in laboratory instruction. The goal of the program is to prepare students to become teachers who excel both in biology and the related sciences.

Students in this program contextualize knowledge through experience-based learning activities, including:

- case studies
- faculty-guided research and service-learning projects
- hands on laboratories
- secondary education clinical experience

Students enrolling in this concentration should also contact the Mary Lou Fulton Teachers College for information on teacher preparation coursework.

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the 2023-24 Academic Catalog Archive

STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 251 - Calculus for Life Sciences

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Applied Biological Sciences, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TSABSSBS-null + &college=CLS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Those wishing to pursue a future in education must understand how classrooms are shaped by the students' diverse experiences, backgrounds and cultures. Global Education programs (<https://goglobal.asu.edu/>) offer firsthand experience in a wide range of cultures and communities, which can enhance a degree program. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. Programs can be found in a variety of countries around the world.

**Career Opportunities:** Graduates of this concentration are prepared to teach biology in high schools as well as pursue numerous entry-level careers in biology. Employment opportunities exist in private and public sectors. Graduates of the general program in applied biological sciences are also prepared to succeed in graduate or professional schools in disciplines such as:

- animal health
- dentistry
- medicine
- nonprofit educator

- physical therapy
- teaching

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

**Contact Information:**

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## Applied Biological Sciences (Sustainable Horticulture), BS (TSABSUBS)

**Campus:** Polytechnic

**Program Description:** The sustainable horticulture concentration within the BS program in applied biological sciences is designed for students who want theory and practical experiences in unique aspects of plant culture in an urban desert environment.

Students acquire the skills to produce, design and care for ornamental and edible plantscapes. Students interested in sustainable practices have the opportunity to specialize in vertical farming and other plant-related technologies. Students in this program contextualize knowledge through experience-based learning activities, including:

- case studies
- faculty-guided research and service-learning projects
- field trips
- greenhouse experiences
- internships

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 251 - Calculus for Life Sciences

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Applied Biological Sciences, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TSABSUBS-null + &college=CLS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Global Opportunities:**

Global Experience: Students can explore habitats and ecosystems around the world in one of several Global Education programs (<https://goglobal.asu.edu/>); opportunities include working with scientists and conducting independent research. Students can stay on track for graduation by earning ASU credit while becoming immersed in other cultures. Studying abroad builds professional skills that employers demand, such as collaboration and critical thinking.

**Career Opportunities:** Horticulture is a multibillion dollar national and international enterprise that offers a diverse and exciting choice of professional careers. Graduates can pursue numerous entry-level careers in horticulture. Employment opportunities exist in private and public sectors. The general program in sustainable horticulture also prepares graduates to succeed in roles such as:

- arboretum or botanical garden manager
- city horticulturist
- horticultural consultant, plant researcher or educator
- horticulture supply sales representative
- integrated pest management specialist
- interior plant specialist or plant propagator
- landscape designer or contractor
- nursery plant broker or cultivator and plant salesperson
- organic urban farmer or permaculturist
- urban plant ecologist, forester, tree specialist or arborist

Career opportunities for urban horticulture graduates are not limited to any one geographic location; graduates can embark on careers throughout the United States, Canada, Mexico and overseas.

#### **Contact Information:**

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## **Applied Mathematics, BS (LSMATBS)**

**Campus:** Polytechnic

**Program Description:** The BS in applied mathematics offered by the College of Integrative Sciences and Arts is a transdisciplinary program focused on developing flexible problem-solvers who can apply mathematical techniques and skills to a wide range of problems in the sciences, such as biology, social sciences, chemistry, physics and engineering.

The coursework builds a foundation in mathematical modeling, data analysis and the interpretation of mathematical results in real-world settings. Students choose electives in the sciences, technology, engineering or other areas of interest to complement and provide context for their mathematical training.

#### **STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website.

The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 270 - Calculus w/Analytic Geometry Ior MAT 265 Calculus for Engineers

**Program Math Intensity:** Substantial

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSMATBS~null + &college=CLS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Students gain valuable experience when studying abroad, experience which will enhance their resumes. Students often cite participating in Global Education programs (<https://goglobal.asu.edu/>) as the highlight of their academic career and a crucial moment in helping them gain a clearer view of the world, its peoples and the complex challenges facing us all.

The Global Education office offers a suite of faculty-directed global experience programs designed to connect students with real-life issues that impact local communities yet transect borders. Through any of the more than 300 programs available, students can see the world as they never have before and come away with memories to last a lifetime. Graduates who possess the heightened cultural competency and leadership and critical thinking skills they acquired through study abroad may stand out in a competitive field.

The College of Integrative Sciences and Arts recommends these programs (<https://goglobal.asu.edu/students/major/applied-mathematics>) for students majoring in applied mathematics.

**Career Opportunities:** Graduates are prepared to apply their analytic skills and technical knowledge to problems in a range of careers in industry, government, education or nonprofit organizations. They also pursue advanced degrees in the mathematical sciences (e.g., mathematics, statistics and applied mathematics such as mathematical biology).

**Contact Information:**

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## Applied Physics, BS (LSAPHYBS)

**Campus:** Polytechnic

**Program Description:** The acceleration of advances at the frontier where physics, engineering and technology meet creates a need for interdisciplinary training and research that is not readily accommodated by traditional single-focus programs in physics.

Pairing fundamental physics with immediate applications, the BS program in applied physics is attractive to students whose interests span new physical technologies in industry and engineering. The degree program combines physics, computer science and applied mathematics to tackle complex real-life problems in physics, material sciences, engineering, chemistry and others.

This bachelor's degree program brings together the expertise of physics faculty, particularly in the modeling of physical systems, which relies heavily on both modern numerical techniques and fundamental physics.

The growing presence of Intel and other high-tech companies in the east valley and metropolitan Phoenix presents a unique opportunity to enhance the students' interaction with industry. Given the importance of hands-on experience, the degree program offers a series of unique courses allowing students interactive involvement in a project-based environment.

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 265 - Calculus for Engineers I

**Program Math Intensity:** Substantial

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSAPHYBS-null + &college=CLS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Global Education programs (<https://goglobal.asu.edu/>) students majoring in applied physics are able to gain valuable hands-on experience tailored to their unique interests and skill sets as well as personal enrichment plus the heightened cultural competency and leadership and critical thinking skills that will be an advantage in their career.

With more than 300 Global Education programs available, whether in a foreign country, in the U.S., or online, students build communication skills, are challenged to adapt and persevere, are exposed to differences across the world, and increase their ability to work with diverse groups of people.

**Career Opportunities:** Graduates apply their knowledge in high-performance and scientific computing, biophysics, condensed matter physics, chemistry, material science, electrodynamics and radar physics. This knowledge is vital for employment in chemical and pharmaceutical companies, environmental management agencies and firms specializing in scientific software. Graduates are also prepared to continue their studies in graduate programs in physics and chemistry.

**Contact Information:**

Integrative Sciences and Arts, College of  
School of Applied Sciences and Arts



<https://cisa.asu.edu>  
SANCA 233  
CISA@asu.edu  
480-727-1526

## Applied Quantitative Science, BS (LSAQSBS)

**Campus:** Polytechnic

**Program Description:** Students in the BS program in applied quantitative science learn to integrate and apply STEM-supported skills that are increasingly in demand for future focused careers. Students acquire six habits of mind, a mental practice that becomes increasingly automatic with progress through the curriculum and after, extending into career development.

Students learn to:

- apply and project quantitative reasoning to unfamiliar contexts
- communicate well within and without the expert domain
- critically and adaptably think about complex problems
- effectively search through and evaluate information
- experiment creatively and in an informed manner in search of new insights
- use sophisticated insight involving statistical inference and quantitative reasoning

### **STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** Any math course that meets the MA designation.

**Program Math Intensity:** General

### **Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

### **Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSAQSBS~null + &college=CLS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

### **Global Opportunities:**

Global Experience: With more than 300 programs available, Global Education programs (<https://goglobal.asu.edu/>) allow students to tailor their experience to their unique interests and skill sets. Students in applied quantitative science are able to gain hands-on experience in a variety of countries around the world. Graduates who possess the heightened cultural competency and leadership and critical thinking skills they acquired through study abroad may stand out in a competitive field.

**Career Opportunities:** Increasingly, employers are hiring people who know how to use quantitative information. Graduates of this degree program

are equipped with the skills and knowledge sought by today's employers. People who work in any business or industry need to use quantitative skills to solve problems.

**Contact Information:**

Integrative Sciences and Arts, College of  
School of Applied Sciences and Arts  
<https://cisa.asu.edu>  
SANCA 233  
CISA@asu.edu  
480-727-1526

## Applied Science (Animal Biology), BAS (LSANBIOBAS)

**Campus:** Polytechnic

**Program Description:** The BAS program with a concentration in animal biology provides a direct pathway from an AAS degree to a Bachelor of Applied Science degree for students who want to prepare for careers in management, scientific and medical fields relevant to animals.

Students learn the underlying principles of animal health --- grounded in knowledge of cells, biological systems and behavior --- in order to solve problems in animal health and care. The curriculum emphasizes a solid foundation in biology, animal science and mathematics while offering specialized courses and opportunities for placement in internships in the field.

Students have access to a variety of career resources and opportunities to explore professions and engage with established professionals in a variety of fields.

**Additional Program Fee:** N

**Second Language Requirement:** N

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Transfer Admission Requirements: Transfer students must complete BIO 181 General Biology I and 182 General Biology II (or equivalent) and Chemistry 101 or CHM 113 General Chemistry I (or equivalent).

**Change of Major Requirements:** Only students who have completed an Associate of Applied Science degree are eligible to declare Bachelor of Applied Science majors at ASU.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSANBIOBAS~null + &college=CLS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: With over 300 programs available in more than 65 countries, Global Education programs (<https://goglobal.asu.edu/>) allow students to tailor their educational experience to their unique interests and skill sets. Students are able to expand their knowledge of animal biology science and how it impacts society in a variety of cultures, and they can acquire a global perspective which will prepare them to lead in their career.

Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs.

**Career Opportunities:** Graduates may have numerous entry-level careers in animal health and nutrition, and they are also prepared to succeed in graduate or professional schools in disciplines such as:

- animal biology
- animal health
- biological research
- veterinary medicine

**Contact Information:**

Integrative Sciences and Arts, College of  
School of Applied Sciences and Arts  
<https://cisa.asu.edu/>  
SANCA 233  
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480-727-1526

## Applied Science (Applied Leadership), BAS (LSALSBAS)

**Campus:** Polytechnic, Tempe, ASU at Cochise, ASU at Pima, ASU at Pinal, ASU at The Gila Valley, ASU at Yavapai, Online

**Program Description:** This BAS program prepares students for leadership positions in a wide variety of organizations and career fields.

The concentration in applied leadership focuses on the practice of innovative and effective leadership and helps students develop the skills and knowledge that leaders need to solve problems, communicate effectively, resolve conflicts, assess program effectiveness, lead projects and manage resources. It provides a valuable degree pathway for students with AAS degrees in fields such as fire science, environmental technology, machine shop technology and welding technology.

Students learn leadership skills that prepare them to become effective leaders in diverse environments --- applying those skills as team leaders, floor managers and shift captains.

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** N

**Second Language Requirement:** N

**First Required Math Course:** MAT 117 - College Algebra

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: Students applying to this program must have completed an AAS degree from a regionally accredited institution. For students with an Associate of Applied Science from an Arizona community college, the AGECE is recommended but not required. This program is not available for freshmen.

**Change of Major Requirements:** Only students who have completed an Associate of Applied Science degree are eligible to declare Bachelor of Applied Science majors at ASU.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/applied-leadership-bas/>) for program descriptions and to

request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSALSBAS~null + &college=CLS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Students studying applied leadership can become influential and innovative leaders in the world. Through unique study abroad experiences across the globe, students gain valuable leadership and communication skills. Whether in a foreign country, in the U.S. or online, by participating in one of the over 300 available Global Education programs (<https://goglobal.asu.edu/>), students expand their scope of learning beyond the classroom and gain hands-on experience in different and exciting cultures.

**Career Opportunities:** Graduates possess skills and knowledge needed for leadership positions in a wide range of organizations, including business, government, nonprofit agencies and the service industry.

**Contact Information:**

Integrative Sciences and Arts, College of  
School of Applied Professional Studies  
<https://cisa.asu.edu>  
USE 138  
CISA@asu.edu  
480-965-4464

## Applied Science (Project Management), BAS (LSAPSPMBAS)

**Campus:** Polytechnic, Tempe, Online

**Program Description:** The BAS program in project management offers a skills-driven curriculum that prepares students to be excellent project managers.

Students acquire the skills they need to ensure the progress and successful completion of complex projects: project leadership, project quality management, project risk management, project schedule management, project cost management and project resource management.

Students also explore the skills and knowledge that leaders employ when they organize diverse teams, evaluate ethical situations, innovate, solve problems, communicate effectively, assess leadership and organizational effectiveness, manage resources and use emerging technologies in organizations.

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** N

**Second Language Requirement:** N

**First Required Math Course:** MAT 117 - College Algebra

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)  
International (<https://admission.asu.edu/international/undergrad-apply>)  
Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: This program is not available for first-year students.

Transfer Admission Requirements: Students applying to this program must have completed an AAS degree from a regionally accredited institution. For students with an Associate of Applied Science from an Arizona community college, the AGEC is recommended but not required.

**Change of Major Requirements:** Students changing their major to this program must have completed an AAS degree from a regionally accredited institution.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/project-management-transfer-degree/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSAPSPMBAS-null + &college=CLS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Global Opportunities:**

Global Experience: With over 300 programs in more than 65 countries (programs vary in length, from one week to one year), participating in a Global Education program (<https://goglobal.asu.edu/>) is possible for all ASU students who wish to acquire a global perspective and knowledge in preparation for a career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs.

**Career Opportunities:** Graduates possess the skills and knowledge needed for project management and leadership positions in a wide range of organizations, including business, government, nonprofit agencies and the service industry. Project managers can be housed within many specific industries, such as health care, information technology and construction management.

#### **Contact Information:**

Integrative Sciences and Arts, College of  
School of Applied Professional Studies  
<https://cisa.asu.edu/project-management>  
USE 138  
CISA@asu.edu  
480-965-4464

## **Applied Science (Technical Communication), BAS (LSTECBAS)**

**Campus:** Polytechnic

**Program Description:** The BAS in applied science with a concentration in technical communication is a flexible degree program designed specifically for students who have earned an AAS degree from a regionally accredited institution. This major combines the technical experience gained in the student's associate degree program with a broader education of skills in management, leadership, critical thinking and communication.

Technical communication is applied workplace communication that makes technical information understandable and available to many audiences. In the technical communication concentration, students learn how to produce, design and manage information using both traditional and developing technologies.

#### **STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** N

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: Students applying to this program must have completed an Associate of Applied Science degree from a regionally accredited institution. This program is not available to first-year students.

**Change of Major Requirements:** Only students who have completed an Associate of Applied Science degree are eligible to declare Bachelor of Applied Science majors at ASU.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSTECBAS-null + &college=CLS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Technology is connecting the world, and future technical communication professionals must be proficient in cross-cultural communication --- a skill well-developed through study abroad. Students earn ASU credit for completed courses while staying on track for graduation, and may apply financial aid and scholarships toward program costs. Global Education programs (<https://goglobal.asu.edu/>) can include research and volunteer experiences, all while students are being immersed in another culture.

**Career Opportunities:** The Bureau of Labor Statistics estimates the need for writers and editors will increase by 25% during the next five years. Software and electronics companies, media corporations, financial institutions, government agencies, nonprofits and other areas will see an increased demand for writers.

Students in the program prepare for careers as:

- advertising and promotions managers
- communications professors
- copy writers
- correspondence clerks
- court clerks
- desktop publishers
- editors
- media and communication workers
- proofreaders and copy markers
- public relations specialists
- technical writers

**Contact Information:**

Integrative Sciences and Arts, College of  
School of Applied Professional Studies  
<https://cisa.asu.edu>  
SANCA 233  
CISA@asu.edu  
480-727-1526

## Communication, BA (LSCOMBA)

**Campus:** Downtown Phoenix, Polytechnic

**Program Description:** The BA program in communication in the College of Integrative Sciences and Arts explores how communication processes create, maintain and transform identities, relationships, workplaces and communities.

Through the exploration, analysis and application of human communication, students gain the knowledge, creativity and skills they need to facilitate healthy relationships and workplaces, civil and sustainable communities and constructive intercultural interactions. With an integrative and applied emphasis on culture and communication, community advocacy and communication technologies, the program allows for a concerted focus on the rapidly changing modalities of communication occurring today. Students learn to speak effectively, communicate across cultures, and critically analyze public controversy.

**Additional Program Fee:** N

**Second Language Requirement:** Yes

**First Required Math Course:** MAT 142 - College Mathematics OR any math course that meets the MA designation

**Program Math Intensity:** General

### Concurrent Program Options:

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

### Accelerated Program Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

Communication Studies, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

### Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

### Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSCOMBA~null + &college=CLS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

### Global Opportunities:

Global Experience: Students may engage in a unique and exciting opportunity to gain intercultural experience through tailored, international programs of study. Study abroad can help students improve language and cross-cultural skills for effective communication. They can also develop critical teamwork and problem-solving skills and expand their knowledge of the liberal arts through lenses of different cultures.

Participation in one of the more than 300 Global Education (<https://goglobal.asu.edu/>) programs available, whether in a foreign country, in the U.S. or online, provides students personal enrichment and an opportunity to develop valuable skill sets that can give them an advantage in their career. Students build communication skills, are challenged to adapt and persevere, are exposed to differences across the world, and they increase their ability to work with diverse groups of people.

**Career Opportunities:** Communication graduates are prepared for many different career fields, including public relations, marketing, community organizing and human resources.

Graduates often attend other top tier graduate schools, law schools and business schools, or find gainful employment as:

- advertising and promotion managers
- brand managers
- community care builders
- community organizers
- content creators
- human resource specialists
- influencers
- labor relations specialists
- lawyers
- marketing managers
- media and communication workers
- public officials
- public relations and fundraising managers
- public relations specialists
- social media managers
- survey researchers
- training and development managers

**Contact Information:**

Integrative Sciences and Arts, College of  
School of Applied Sciences and Arts  
<https://cisa.asu.edu>  
AZCNTR 383  
CISA@asu.edu  
602-496-0271

## Counseling and Applied Psychological Science, BS (LSCAPSBS)

**Campus:** Polytechnic, Online

**Program Description:** Counseling and applied psychological science is a specialty in promoting psychological well-being. Counselors and applied psychologists provide the tools and resources necessary for individuals, families and organizations to cope with everyday problems.

The BS program in counseling and applied psychological science provides foundational training in counseling theories, addictions, trauma, lifespan development, group counseling and professional ethics. A unique aspect of the program is its attention to cultural diversity, focusing on age, gender, race, ethnicity, sexual orientation, religion and socioeconomic status. As part of the program, students also participate in a hands-on internship in which they shadow a licensed therapist and apply counseling theory.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 119 - Finite Mathematics or MAT 170 Precalculus

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)



Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/counseling-psychological-science/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSCAPSPBS-null + &college=CLS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: In order to make a positive impact in the lives of others, students must understand the diverse set of experiences, backgrounds and cultures that shape the people with whom they wish to work. When studying abroad, students gain firsthand experience of a wide range of cultures and communities. Global Education programs (<https://goglobal.asu.edu/>) provides students with a unique global perspective with which they can impact the world.

**Career Opportunities:** Graduates with a degree in counseling and applied psychological sciences are prepared for careers in various settings:

- community centers
- government (sales and marketing, human resources management)
- mental health professions (youth counselor, substance abuse counselor, behavioral health technician)
- social services (high school psychology teacher, occupational analyst)
- schools and colleges (school psychologists, educators, professors)
- substance abuse treatment clinics

Graduates may qualify for employment in behavioral health care delivery settings such as community agencies, hospitals and rehabilitation centers to support counselors and other mental health professionals, and they are prepared for a variety of careers, such as vocational rehabilitation assistants, human service workers and life-skills instructors. The Bureau of Labor Statistics shows the outlook for job growth (2019 to 2029) for substance abuse, behavioral disorder and mental health counselors is 25%, which is much faster than average.

Graduates of this program are not license-eligible as professional counselors but are well prepared with an excellent foundation for entering graduate degree programs in disciplines such as counselor education, counseling psychology, clinical psychology, social work and family studies, counseling and related fields.

**Contact Information:**

Integrative Sciences and Arts, College of  
School of Counseling and Counseling Psychology  
<https://cisa.asu.edu>  
SANCA 233  
CISA@asu.edu  
480-727-1526

## Counseling and Applied Psychological Science (Sports and Performance Counseling), BS (LSCAPSSPBS)

**Campus:** Polytechnic, Online

**Program Description:** Counseling and applied psychological science is a practical specialty that promotes psychological well-being.

The sports performance counseling concentration of the BS program in counseling and applied psychological science provides foundational training

in the psychology of performance and related counseling theories and skills that is geared toward professionals in a wide range of fields.

This program prepares graduates to support licensed professionals in counseling and counseling psychology; it also readies them for graduate study in counseling psychology, sport psychology, counselor education and other fields. Additional education is required for students who wish to become licensed professionals, teachers or professors.

**Additional Program Fee:** N

**Second Language Requirement:** N

**First Required Math Course:** MAT 119 - Finite Mathematics

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/counseling-psychological-science-sports-performance-counseling>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSCAPSSPBS~null + &college=CLS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: In order to make a positive impact in the lives of others, students must understand the diverse set of experiences, backgrounds and cultures that shape the people with whom they wish to work. When studying abroad, students gain firsthand experience of a wide range of cultures and communities. Global Education programs (<https://goglobal.asu.edu/>) provide students with a unique global perspective with which they can impact the world.

**Career Opportunities:** Graduates are able to assist licensed mental health counselors and psychologists in providing services that focus on mental health and optimal performance.

Such employment is found in a variety of settings, including community centers, the corporate world, educational institutions, independent consulting, social service agencies, and sports, and in behavioral health care delivery settings such as community agencies, hospitals and rehabilitation centers.

Career examples include:

- athletic coach
- behavioral health technician
- educator

- human resources manager
- human service worker
- life skills instructor
- mental health professional
- mental performance coach or consultant for athletes, first responders and military personnel
- occupational analyst
- performance consultant for the arts, industry and the services sector
- school psychologist
- substance abuse counselor
- trainer for human resources, sales and marketing, and career transition
- vocational rehabilitation assistant
- youth counselor

The U.S. Bureau of Labor Statistics shows a much faster than average increase (23%) in the job outlook for mental health counselors and as fast as an average increase (8%) for psychologists for the period 2020 to 2030.

**Contact Information:**

Integrative Sciences and Arts, College of  
 School of Counseling and Counseling Psychology  
<https://cisa.asu.edu/>  
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 CISA@asu.edu  
 480-727-1526

## Counseling and Applied Psychological Science (Substance Abuse and Addictions), BS (LSCAPSAABS)

**Campus:** Polytechnic, Online

**Program Description:** Counseling and applied psychological science is a specialty promoting psychological well-being.

The substance abuse and addictions concentration of the BS program in counseling and applied psychological science provides coursework in counseling skills and techniques as they relate to substance abuse and addictions. Students acquire the necessary skills in screening, assessing, diagnosing and planning treatment of patients afflicted with substance abuse, addictions and related disorders.

While this program does not make students license-eligible counselors, the coursework meets the requirements for the Licensed Substance Abuse Technician credential through the Arizona Board of Behavioral Health Examiners (<https://www.azbbhe.us/node/553>) (<https://www.azbbhe.us/node/553>)).

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 119 - Finite Mathematics or MAT 170 Precalculus

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/counseling-psychological-sciences/>) for program descriptions

and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSCAPSAABS~null + &college=CLS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: To make a positive impact in the lives of others, students must understand the diverse set of experiences, backgrounds and cultures that shape the people with whom they wish to work. Through Global Education programs (<https://goglobal.asu.edu/>), students gain firsthand understanding of a wide range of cultures and communities, and they acquire a unique global perspective with which they can impact the world.

**Career Opportunities:** The projected job outlook for substance abuse and behavioral disorder counselors is estimated to increase by 25% between 2014 and 2024. A licensed substance abuse technician is at the entry level of serving clients who struggle with substance use and addictions. The LSAT assists substance abuse counselors in prevention and intervention efforts to individuals, groups and organizations. The LSAT credential prepares students for careers in substance abuse treatment clinics, community centers, social services and education settings under the supervision of licensed mental health professionals.

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

**Contact Information:**

Integrative Sciences and Arts, College of  
School of Counseling and Counseling Psychology  
<https://cisa.asu.edu/>  
SANCA 233  
CISA@asu.edu  
480-727-1526

## English, BA (LSENGBA)

**Campus:** Polytechnic

**Program Description:** The BA program in English is focused on literature, writing, film and culture.

Courses address a wide variety of genres, traditions and time periods. Students engage in close reading and critical thinking as they work with powerful, multilayered texts. They build communication skills as they compose for multiple purposes and audiences. The program ends with a degree capstone that allows students to use their skills and knowledge in a personalized academic or creative project.

Students are encouraged to pursue internship opportunities such as working in online publishing with Superstition Review (<https://superstitionreview.asu.edu/>) or mentoring youth writers in Young Authors' Studio.

Students must complete a minimum of 12 upper-division credit hours of ENG courses offered by the College of Integrative Sciences and Arts.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** N

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics OR any math course that meets the MA designation

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

#### **Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

- Liberal Studies (Film and Media Studies), MLSt
- Liberal Studies, MLSt
- Organizational Leadership, MS
- Project Management, MPM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

#### **Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSENGBA~null + &college=CLS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Global Opportunities:**

Global Experience: English students can explore the hometowns of famous authors and visit locations that have inspired masterpieces of both fiction and nonfiction. Study abroad programs (<https://goglobal.asu.edu/>) offer students the chance to build a global perspective and knowledge in unique environments as preparation for leadership in a future-focused career. Students earn ASU credit for completed courses, while staying on track for graduation, and may apply financial aid and scholarships toward program costs.

The College of Integrative Sciences and Arts recommends these study abroad programs (<https://goglobal.asu.edu/students/major/english>) for students majoring in English.

**Career Opportunities:** The bachelor's degree program in English prepares scholars and teachers for graduate or professional study and for careers in education, writing and other related fields. Career prospects for secondary language-arts teachers in Arizona are particularly strong. More importantly, students in the program develop skills that employers value, such as analyzing ideas and problems, finding and evaluating information, communicating effectively and presenting clear and logical arguments. With these skills, graduates of the program can find jobs such as these:

- advertising and promotions managers
- copy writers
- editors
- lawyers
- media and communication workers
- paralegals and legal assistants
- public relations specialists
- teachers and instructors
- technical writers
- writers and authors

**Contact Information:**

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<https://cisa.asu.edu>  
SANCA 233  
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## General Studies, BA (LSGNSBGS)

**Campus:** Downtown Phoenix, Polytechnic, ASU at Lake Havasu

**Program Description:** The BA program in general studies offers students a flexible, innovative path to degree completion. Graduates of the program are informed and effective members of society who are well prepared for a changing global marketplace with its diverse cultures.

The theme of this degree is professional preparedness and integrating the needs of society and the individual. Students explore the tensions between individualism and collectivism, the public and private selves, service and community, domestic and global, and the interplay of culture and identity constructions.

**Additional Program Fee:** N

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics OR any math course that meets the MA designation

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Global Management, MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSGNSBGS~null + &college=CLS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: With over 300 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad (<https://goglobal.asu.edu/>) is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a future-focused career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs.

**Career Opportunities:** Those who have majored in general studies have the option of working in almost any field that requires effective interaction with others, fields as diverse as sales, social services, organizational management, and government administration. Graduates are equipped with transferable skills highly desired by many employers; therefore, a wide array of job choices are available. The bachelor's degree creates great flexibility in career choice because of the versatility within the program.

Graduates may choose occupations for which their cluster prepares them, including:

- administrative services manager
- curator
- medical and health service
- military and veteran's services
- property, real estate and community association managers
- public relations specialist
- purchasing manager
- real estate sales agent
- sales manager
- writer and author

**Contact Information:**

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602-496-0271

## History, BA (LSHISBA)

**Campus:** Polytechnic

**Program Description:** The BA program in history focuses on American history, with coursework in European, Latin American and global historical perspectives. Faculty expertise includes the history of technology and science, biography, war and its effect on society, public history, aviation, environmental history and related fields.

Students are trained in methods of historical research and study the development of human society from social, cultural and political perspectives. The capstone course and other research courses allow students to apply research and writing skills as practitioners of history and creators of analytical narratives.

Students must complete a minimum of 12 upper-division credit hours of HST courses offered by the College of Integrative Sciences and Arts.

Students who would like to combine this degree with teaching certification should contact the Mary Lou Fulton Teachers College.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** N

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics OR any math course that meets the MA designation

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

- Liberal Studies (Film and Media Studies), MLSt
- Liberal Studies, MLSt
- Organizational Leadership, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSHISBA~null + &college=CLS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: History transcends a city, state, province, country and even a continent. Study abroad (<https://goglobal.asu.edu/>) helps students dive deeper into their studies by providing the opportunity to experience firsthand the cultures and places where history has taken place. Students are able to use these encounters to discover the interconnections of ideas and places at primary source sites.

**Career Opportunities:** Graduates are well prepared for careers in education, writing and other related fields. Career prospects for secondary history and social studies teachers in Arizona are particularly strong. Students in the program develop skills in:

- analyzing and assessing ideas and problems
- communicating effectively orally and in prose
- finding and evaluating information
- presenting clear and logical arguments

With these skills, graduates of this program may find jobs in:

Public History

- archivists
- museum curators
- museum technicians and conservators

Legal Professions

- court reporters
- law clerks
- lawyer
- paralegal and legal assistants

Education

- college and university faculty
- middle school teachers
- secondary school teachers

Media and Communication

- broadcast news analysts
- historians
- media and communication workers
- news columnists
- reporters and correspondents
- writers

The bachelor's degree program in history also prepares scholars and teachers for graduate and professional studies.



**Contact Information:**

Integrative Sciences and Arts, College of  
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480-727-1526

## History (Veterans, Society and Service), BA (LSHISVSSBA)

**Campus:** Polytechnic

**Program Description:** Students in the veterans, society and service concentration of the BA program in history explore war, military service and veterans as a means to investigate how violence, conflict, military service and other trauma-bearing experiences have shaped political, social and cultural formations in the past and present.

Along with military history, students take courses that place veterans as their subject for critical interdisciplinary investigation that focuses on exploring scholarship and other narratives about military service, war-making and social change (e.g., changes in territorial integrity, sovereignty, national belonging, citizenship, gender and race); the impact of armed conflict and military service on individuals, communities, culture, politics and governments; and how societies remember and think about these things. The curriculum situates the veteran and military subject from a historical perspective, while examining and explaining veteran identities and cultures as a sequence of sociocultural events influenced by a variety of factors. In addition, a robust variety of elective coursework provides a systematic examination of veterans and military institutions as they evolve over time.

This bachelor's degree in history with a concentration in veterans, society and service also provides students with critical thinking and analysis skills needed throughout their career. Students in the program develop skills in:

- analyzing and assessing ideas and problems
- communicating effectively orally and in prose
- finding and evaluating information
- presenting clear and logical arguments

**Additional Program Fee:** N

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSHISVSSBA~null + &college=CLS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: History transcends a city, state, province, country, and even a continent. Study abroad (<https://goglobal.asu.edu/>) helps students dive deeper into their studies by providing the opportunity to experience firsthand the cultures and places where history has taken place.

Students are able to use these encounters to discover the interconnections of ideas and places at primary source sites.

**Career Opportunities:** Graduates are well prepared for careers in education, writing and other related fields. Prospects for careers as high school history and social studies teachers in Arizona are particularly strong.

With the skills gained in the program, graduates may find jobs in:

education

- college and university faculty
- middle school teachers
- high school teachers

legal professions

- court reporters
- law clerks
- lawyers
- paralegals and legal assistants

media and communication

- broadcast news analysts
- historians
- media and communication workers
- news columnists
- reporters and correspondents
- writers

public history

- archivists
- museum curators
- museum technicians and conservators

public service

- community advocates
- managers in veterans affairs organizations
- managers in veterans services and support organizations
- nonprofit administrators

The bachelor's degree also prepares scholars and teachers for graduate and professional studies.

**Contact Information:**

Integrative Sciences and Arts, College of  
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## History of Science, Technology and Innovation, BA (LSHSIIBA)

**Campus:** Polytechnic

**Program Description:** The BA program in the history of science, technology and innovation provides students with a grounding in the social and intellectual issues central to understanding the role of science, technology and ideas from past to present.

This transdisciplinary degree program encourages students to combine coursework in the natural and applied sciences with historical and philosophical approaches to social knowledge.

Students majoring or minoring in the history of science, technology and innovation program graduate with a foundation for advanced work either in the humanities, the sciences or in transdisciplinary fields bridging written and technical work.

**Additional Program Fee:** N

**Second Language Requirement:** N

**First Required Math Course:** Any math course that meets the MA designation.

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSHSIIBA-null + &college=CLS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: With over 300 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a future-focused career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. More information on programs is available on the Global Education website (<https://goglobal.asu.edu/>).

**Career Opportunities:** Graduates are prepared for successful careers in a wide range of fields, including science and technical writing, consulting, museum studies, the digital humanities and other fields that benefit from transdisciplinary exchange. Graduates are also prepared to enter advanced programs in history and science as well as law and medical schools.

**Contact Information:**

Integrative Sciences and Arts, College of

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## Integrative Social Science, BS (LSISSBS)

**Campus:** Polytechnic

**Program Description:** The BS program in integrative social science is designed to cross-educate students in the disciplines of the social sciences to meet the complex issues that confront human society in today's world. Modern social problems require a combination of policies, sociological interventions and economic infrastructure planning.

Theories from multiple social science disciplines provide the basis for effective decision-making and problem-solving. The emphasis of the program is the integration of theories and methodologies. In order to sharpen their skills for practical problem-solving, students need to understand how different disciplines develop solutions.

Graduates of the program are prepared with theory and research skill sets that allow them to draw from the best of the multiple disciplines in the social sciences as they confront a technically sophisticated world.

**Additional Program Fee:** N

**Second Language Requirement:** N

**First Required Math Course:** Any math course that meets the MA designation.

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

Integrative Social Science, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSISSBS~null + &college=CLS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Students are able to enhance their understanding of societal structure and human interaction through unique cultural experiences found in study abroad (<https://goglobal.asu.edu/>). They gain heightened cultural competency, communication, and critical thinking skills while exploring a new and exciting part of the world.

**Career Opportunities:** Because of their mastery of the multiple methodologies of the social sciences, graduates of the program have many more professional opportunities available to them than their peers with single-discipline training.

Professionals with expertise in analyzing complex social and global issues are in high demand across sectors and industries, including business, public administration, politics and community organizations. Those who possess skills in the analysis of social phenomena and complex social problems are valuable to businesses and institutions relying on data-driven strategies for engagement and growth.

Career examples include:

- administrator
- government agent
- public relation specialist
- social and community service manager
- social science research analyst
- social scientist
- solutions resource specialist

**Contact Information:**

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## Interdisciplinary Studies, BA (LSBISBIS)

**Campus:** Downtown Phoenix, Polytechnic, Tempe, Online

**Program Description:** The Arizona State University BA program in interdisciplinary studies, one of the top five in the country, offers students the freedom to select two areas of study, referred to as concentration areas, from a rich menu of more than 170 options. Students may explore concentration areas by interest area (<https://cisa.asu.edu/ids-concentrations>).

The core curriculum provides students with the intellectual tools to integrate their concentration areas, engage in transdisciplinary problem-solving, and prepare for careers and graduate programs that increasingly cross disciplinary boundaries. An interdisciplinary studies student could choose to integrate concentrations like business and project management, psychology and social welfare, communication and justice studies, public administration and ethics, digital culture and computer gaming, or many other unique combinations.

Interdisciplinary studies is an approach to answering questions, solving problems and addressing contemporary social issues from multiple perspectives. Interdisciplinary studies students take an active role in designing their educational plans and defining their career goals. The degree program emphasizes written communication, versatility, self-assessment and critical thinking --- essential skills for today's dynamic world.

Those interested in the online program for interdisciplinary studies may visit the ASU Online website for more information.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** N

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics OR any math course that meets the MA designation

**Program Math Intensity:** General

### Concurrent Program Options:

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

### Accelerated Program Options:

This program allows students to choose a 3-year path while participating in the same high-quality educational experience of a 4-year option. Students can opt to fast-track their studies after acceptance into a participating program by connecting with their academic advisor. Fast track options appear at the top of the major map.

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

- Liberal Studies (Film and Media Studies), MLSt
- Liberal Studies, MLSt
- Organizational Leadership, MS
- Project Management, MPM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

### Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: The program is available to all students in good academic standing who have achieved sophomore, junior or senior standing. Students should meet with an advisor to declare their major as interdisciplinary studies.

**Change of Major Requirements:** There are no additional requirements for current ASU students to change majors into this program; however, students interested in the interdisciplinary studies major are highly encouraged to meet with an advisor. Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-interdisciplinary-studies/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSBISBIS-null + &college=CLS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Studying and interning abroad can be one of the most valuable tools for interdisciplinary studies students. Study abroad programs (<https://goglobal.asu.edu/>) provide students the opportunity to develop a valuable intercultural communication skill set that can give them an advantage in a future focused workforce.

The College of Integrative Sciences and Arts recommends these programs (<https://goglobal.asu.edu/students/major/interdisciplinary-studies>) for students majoring in interdisciplinary studies.

**Career Opportunities:** The flexibility of the interdisciplinary studies program allows graduates to take many exciting career paths after leaving ASU. While some complete graduate or professional degrees, others immediately enter the job market. For example, one graduate combined business and communication and now owns a small business; another integrated sociology and family studies to further a career in law enforcement; another studied philosophy and economics to prepare for law school; another combined biology and chemistry in preparation to pursue a master of pharmacy degree; and yet another studied Spanish and religious studies and now works as an employee trainer for a major company.

Possible career opportunities include:

- archivist or curator
- climate change analyst
- compliance manager
- computer network support specialist
- editor or web developer
- environmental restoration planner
- general and operations manager
- regulatory affairs manager
- higher education professional
- wholesale and retail buyer (except farm products)

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

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## Interdisciplinary Studies (Organizational Studies), BA (LSORGBIS)

**Campus:** Online

**Program Description:** Interdisciplinary studies is an approach to answering questions, solving problems and addressing contemporary social issues from multiple perspectives. Interdisciplinary students develop the intellectual tools needed to build bridges between academic disciplines and apply their skills, innovations and knowledge in various academic and practical settings.

The BA program in interdisciplinary studies with a concentration in organizational studies is intended for students seeking an interdisciplinary degree and who possess a desire to learn about the dynamics of contemporary organizations. Organizational studies students gain valuable knowledge of management styles, communication strategies, technologies, diversity, ethics and politics.

All coursework for organizational studies is offered online, giving students freedom and flexibility in completing their requirements.

**Additional Program Fee:** N

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics OR any math course that meets the MA designation

**Program Math Intensity:** General

### **Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

### **Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

Liberal Studies (Film and Media Studies), MLSt

Liberal Studies, MLSt

Organizational Leadership, MS

Project Management, MPM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

### **Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

### **Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-interdisciplinary-studies-organizational-studies/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSORGBIS~null + &college=CLS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer

experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Studying and interning abroad can be one of the most valuable options available for interdisciplinary studies students. Global Education programs (<https://goglobal.asu.edu/>) provide students in the organizational studies concentration with the opportunity to develop a valuable intercultural communication skill set that can give them an advantage in a future focused workforce.

The College of Integrative Sciences and Arts recommends these programs (<https://goglobal.asu.edu/students/major/interdisciplinary-studies>) for students majoring in interdisciplinary studies.

**Career Opportunities:** By engaging in a breadth of knowledge and experience, and by acquiring the skills to integrate various domains of knowledge, students prepare themselves for a range of professions, including:

- human resources specialists
- industrial organizational psychologists
- investment fund managers
- loss prevention managers
- management analysts
- regulatory affairs managers
- supply chain managers
- urban and regional planners

Many students majoring in organizational studies already have a chosen career field yet desire a degree that is versatile, flexible, meaningful and affords the opportunity for continued career development and advancement. Because of the flexibility of the program, graduates take many different career paths after finishing their degree. Recent graduates have found opportunities in many exciting fields, such as:

- business
- education
- health care administration
- nonprofit administration
- tourism

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## Liberal Studies, BA (LABLSBLS)

**Campus:** Polytechnic, Online

**Program Description:** For students whose interests are too big for any one major, or degree-completion students looking for the best way to finish a bachelor's degree with earned credits, the BA program in liberal studies opens up the academic world for exploration.

The liberal studies major offers a course of study emphasizing the humanities and social sciences and gives students great flexibility in constructing their own educational path. Courses engage students in diverse ideas and perspectives, and students develop habits of mind beneficial in all areas of life. Liberal studies prepares students to meet the challenges of a complex world. It offers a path that enables students to prepare for a career or to change careers, to increase self-understanding, and to develop thoughtful engagement with other people and diverse cultures.

Liberal studies are the oldest form of higher education in the Western tradition, with roots going back to ancient Greece. It was realized early on that democracy depends on a population of educated people who can make and follow arguments, who can communicate clearly in a public forum, and who can learn how to learn about the important subjects affecting people's lives.

A liberal education is not the same thing as being politically liberal in the modern sense, as throughout history people from all political perspectives have made significant contributions to and drawn from the knowledge and skills that define a liberal education.

**Additional Program Fee:** N

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics OR any math course that meets the MA designation

**Program Math Intensity:** General



**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

- Global Management (Creative Industries and Design Thinking), MGM
- Global Management (Data Science), MGM
- Global Management (Digital Audience Strategy), MGM
- Global Management (Global Affairs), MGM
- Global Management (Global Business), MGM
- Global Management (Global Development and Innovation), MGM
- Global Management (Global Digital Transformation), MGM
- Global Management (Global Entrepreneurship), MGM
- Global Management (Global Health Care Delivery), MGM
- Global Management (Global Legal Studies), MGM
- Global Management (Integrated Health Care), MGM
- Global Management (Nonprofit Leadership and Management), MGM
- Global Management (Public Administration), MGM
- Global Management (Public Policy), MGM
- Global Management (Sustainability Solutions), MGM
- Global Management (Sustainable Tourism), MGM
- Global Management, MGM
- Liberal Studies (Film and Media Studies), MLSt
- Liberal Studies, MLSt
- Organizational Leadership, MS
- Project Management, MPM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Transfer Admission Requirements: The MyPath2ASU® pathway allows Arizona transfer students to complete a prescribed sequence of courses that meet the requirements for the community college's Associate of Arts degree along with the lower-division requirements for the ASU major.

Students completing their ASU degree at Yuma: Once the MyPath2ASU® pathway requirements are complete, students complete the remaining requirements for the ASU bachelor's degree at the community college.

Students should visit Admission Services (<https://admission.asu.edu/transfer>) for more information about ASU degrees offered at local community colleges.

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-liberal-studies/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LABLSBLS~null + &college=CLS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: With over 300 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad (<https://goglobal.asu.edu/>) is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a future focused career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs.

The College of Integrative Sciences and Arts recommends these programs (<https://goglobal.asu.edu/students/major/liberal-studies>) for students majoring in liberal studies.

**Career Opportunities:** Liberal studies graduates are prepared to enter the workforce or pursue graduate or professional studies. Graduates are prepared for the following careers, as well as others:

- creative writer
- grant writer
- higher education professional
- public relations personnel
- research analyst
- training specialist

Some career options may require additional training or schooling.

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## Military Studies, AA (LSMILSTAA)

**Campus:** Online

**Program Description:** The AA in military studies is designed for a partnership with the U.S. Naval Community College to provide training to enlisted personnel sailors, marines and coast guards. The degree is a rigorous program that provides a comprehensive foundation of study in the history of war and warfare, history of regions identified in the National Defense Strategy, the U.S. foreign policymaking process, international relations theories, and U.S. political and military systems. Through the interdisciplinary curriculum, students gain the tools to use historical analysis, demonstrate critical thinking, and develop strong written and verbal communication skills. The program includes capstone research or an applied project in which students explore the role of the U.S. Navy in advancing the goals of the nation in the past, present or future.

**Additional Program Fee:** N

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: Students must be accepted to the U.S. Naval Community College to be admitted to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSMILSTAA~null + &college=CLS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Career Opportunities:** Graduates of this program are prepared to further advance in careers in military service as well as to succeed in further undergraduate study in order to complete a bachelor's degree.

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## Organizational Leadership, AA (LSORGLAA)

**Campus:** Online

**Program Description:** This AA program in organizational leadership is designed to provide leadership training to active duty Navy, Marine Corps and Coast Guard enlisted personnel. This program uses transdisciplinary methods to prepare students to build a leadership foundation. Students learn useful skills applicable to any work or environment, regardless of assigned role, in organizations across all sectors: private, nonprofit, government and military. Students develop the skills that leaders need to solve problems, communicate effectively, assess programs, manage resources, and evaluate emerging technologies.

Students who complete the Associate of Arts can continue in an established transfer path to the BA program in organizational leadership and other ASU degree programs. The flexible Associate of Arts degree allows students to complete general education coursework and concentrated coursework in a second, disciplinary field to prepare for leadership in a specific industry or sector.

**Additional Program Fee:** N

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: Students must be accepted to the U.S. Naval Community College to be admitted to this program.

**Change of Major Requirements: NO-DEGREE**

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSORGLAA~null + &college=CLS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Career Opportunities:** Graduates may pursue a variety of careers, such as:

- account manager
- deputy sheriff trainee
- executive assistant
- facilities manager
- housing assistant
- knowledge manager
- organization development consultant
- sales executive
- sales manager
- service manager
- supervisor

**Contact Information:**

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## Organizational Leadership, BA (LSORGLBA)

**Campus:** Polytechnic, ASU at Cochise, ASU at Lake Havasu, ASU at Pima, ASU at Pinal, ASU at The Gila Valley, ASU at Yuma, ASU at Yavapai, Online

**Program Description:** The BA program in organizational leadership program uses transdisciplinary methods that prepare students to become leaders in organizations. Students develop the skills and knowledge that leaders need in order to solve problems, communicate effectively, assess programs, manage resources, and use emerging technologies in organizations.

Students who complete the program in Lake Havasu City choose from three focus areas: organizational behavior, organizational leadership and project management.

Students interested in completing the Bachelor of Arts program in the Gila Valley, Pinal County, Cochise County, Pima County, Yavapai County or Yuma are encouraged to complete a MyPath2ASU® program. Students should see admission requirements below.

**Additional Program Fee:** N

**Second Language Requirement:** N

**First Required Math Course:** Any math course that meets the MA designation.

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap

in curriculum.

### **Accelerated Program Options:**

This program allows students to choose a 3-year path while participating in the same high-quality educational experience of a 4-year option. Students can opt to fast-track their studies after acceptance into a participating program by connecting with their academic advisor. Fast track options appear at the top of the major map.

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

- Liberal Studies (Film and Media Studies), MLSt
- Liberal Studies, MLSt
- Organizational Leadership, MS
- Project Management, MPM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

### **Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Transfer Admission Requirements: The MyPath2ASU® pathway allows Arizona transfer students to complete a prescribed sequence of courses that meet the requirements for the community college's Associate of Arts degree along with the lower-division requirements for the ASU major.

Students completing their ASU degree at Yuma: Once the MyPath2ASU® pathway requirements are complete, students complete the remaining requirements for the ASU bachelor's degree at the community college.

Students should visit Admission Services (<https://admission.asu.edu/transfer>) for more information about ASU degrees offered at local community colleges.

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

### **Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-organizational-leadership/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSORGLBA~null + &college=CLS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

### **Global Opportunities:**

Global Experience: With over 300 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad (<https://goglobal.asu.edu/>) is possible for all ASU students who wish to acquire a global perspective and knowledge in preparation for their career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs

The College of Integrative Sciences and Arts recommends these programs (<https://goglobal.asu.edu/students/major/organizational-leadership>) for

students majoring in organizational leadership.

**Career Opportunities:** Graduates possess skills and knowledge they need for a wide range of leadership positions in business, government, health care administration, nonprofit agencies, and the service industry.

Graduates may pursue a variety of careers, such as:

- account manager
- community relations manager
- director of employee services
- director of training
- diversity specialist
- knowledge manager
- organization development consultant
- service manager
- supervisor
- talent manager

**Contact Information:**

Integrative Sciences and Arts, College of  
School of Applied Professional Studies  
<https://cisa.asu.edu/organizational-leadership>  
USE 138  
CISA@asu.edu  
480-965-4464

## Organizational Leadership (Project Management), BA (LSORGLPMBA)

**Campus:** Polytechnic, Tempe, ASU at Cochise, ASU at Pima, ASU at Pinal, ASU at The Gila Valley, ASU at Yavapai, Online

**Program Description:** The BA program in organizational leadership with a concentration in project management offers a theoretical and skills-driven curriculum to prepare students to be excellent project managers and project management leaders.

Students learn to integrate leadership theory and practice in organizational leadership courses. They learn the skills and knowledge that leaders need to lead diverse teams, innovate, solve problems, communicate effectively, assess leadership and organizational effectiveness, manage resources and use emerging technologies in organizations. Students also acquire the skills necessary to manage complex projects: project leadership, project quality management, project risk management, project schedule management, project cost management and project resource management.

**Additional Program Fee:** N

**Second Language Requirement:** N

**First Required Math Course:** Any math course that meets the MA designation.

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

- Liberal Studies (Film and Media Studies), MLSt
- Liberal Studies, MLSt
- Organizational Leadership, MS
- Project Management, MPM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/organizational-leadership-project-management-ba/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSORGLPMB~null + &college=CLS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: The organizational leadership program uses transdisciplinary methods that prepare students to become world-class leaders in the contemporary and fast-paced global workplace. Through study abroad experiences, students develop the skills and knowledge that leaders need to solve problems, communicate effectively, manage complex projects and resources, and use emerging technologies in their organizations. Students can find more information on available programs on the Global Education website (<https://goglobal.asu.edu/>).

**Career Opportunities:** Graduates are prepared for a range of positions in the public and private sectors, including government, information technology, nonprofit agencies, businesses of many kinds and in the service industry. Graduates are prepared for jobs as technical project managers, project managers versed in the Agile methodology and others, senior project managers, portfolio or project managers or directors of project management. In addition, students may seek advanced study in the form of the Project Management Professional credential, graduate and postbaccalaureate degrees.

According to the U.S. Bureau of Labor Statistics, project manager salaries range anywhere from \$74,000 to \$100,000. The bureau also indicates that the average project manager receives a little more than \$42 per hour in wages.

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

**Contact Information:**

Integrative Sciences and Arts, College of

School of Applied Professional Studies

<https://cisa.asu.edu/organizational-leadership>

USE 138

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## Organizational Leadership (Veterans, Society and Service), BA (LSORGLVSBA)

**Campus:** Tempe

**Program Description:** The BA program in organizational leadership with a concentration in veterans, society and service offers a skill-driven curriculum to prepare students to be excellent leaders and better serve veterans and those who serve the veteran community. Students learn to integrate leadership theory and practice in organizational leadership courses. They learn the skills and knowledge that leaders need to lead diverse teams, innovate, solve problems, communicate effectively, assess leadership and organizational effectiveness, manage resources, and use emerging technologies in organizations. Students also acquire the skills necessary to engage with veteran and military communities: being sensitive to others, counseling, facilitating group discussion, identifying appropriate resources, and providing support to others.

**Additional Program Fee:** N

**Second Language Requirement:** N

**First Required Math Course:** MAT 117 - College Algebra

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSORGLVSBA-null + &college=CLS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: The organizational leadership program uses transdisciplinary methods that prepare students to become world-class leaders in the contemporary and fast-paced global workplace. Through study abroad experiences (<https://goglobal.asu.edu/>), students develop the skills and knowledge that leaders need to solve problems, communicate effectively, assess programs, manage resources and use emerging technologies in their organizations.

The College of Integrative Sciences and Arts recommends these programs (<https://mystudyabroad.asu.edu/students/major/organizational-leadership>) for students majoring in organizational leadership.

**Career Opportunities:** Graduates possess skills and knowledge needed for organizational leadership and veteran service positions in a wide range of organizations, such as business, government, nonprofit agencies and the service industry.

In addition to the examples listed below, career examples also include community health workers; social and community service managers; managers in veteran disaster preparedness and recovery organizations; and national, state and municipal leaders.

**Contact Information:**

Integrative Sciences and Arts, College of  
School of Applied Sciences and Arts

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## Political Science, BS (LSPOLBS)

**Campus:** Polytechnic

**Program Description:** The BS program in political science emphasizes broad capabilities valued in a highly skilled workforce, such as data analysis and effective communication as they apply to governance, policy and political theory, as well as the ability to critically review and analyze policy.

The curriculum allows students to explore how political science concepts can be applied within government and society while they develop research skills used across the social sciences. Students enjoy individual and group experiences and opportunities to work with skilled and experienced faculty on concrete intellectual and policy issues.



**Additional Program Fee:** N

**Second Language Requirement:** N

**First Required Math Course:** Any math course that meets the MA designation.

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

Integrative Social Science, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSPOLBS-null + &college=CLS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Studying abroad while learning political science adds a global component to students' education, increasing their ability to analyze complex socio-political issues and affording them skills and knowledge that prepare them to lead in their chosen career.

Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. More information is available on the Global Education website (<https://goglobal.asu.edu/>).

**Career Opportunities:** The program serves as good preparation for staff, manager or policy analyst positions in local, state and federal government. This degree is recognized by employers as qualification for many careers in business (for-profit and nonprofit) and industry. Opportunities may include positions that involve binational, cross-border positions linking U.S. and Mexican businesses, Arizona-Sonora local government or local community groups on both sides of the border.

Many students use the degree as a gateway to law school or as a basis for further study in such applied fields as:

- community development
- political science
- public administration
- public policy
- social science
- urban affairs
- urban and regional planning

**Contact Information:**

Integrative Sciences and Arts, College of  
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## Psychology, BA (LSPGSBA)

**Campus:** Polytechnic

**Program Description:** Psychology is the scientific study of mind and behavior.

The BA program in psychology emphasizes critical thinking, empirical research methods and writing and adds practical experience through internships, service-learning and faculty-supervised research. The Bachelor of Arts program provides a broad foundation in psychology and affords students the flexibility to choose from a variety of courses outside the major.

Students have the opportunity to participate in faculty-led research labs on a wide range of topics, including:

- PLENA Research Lab (<https://www.plenaresearch.org/> (<https://www.plenaresearch.org/>))
- Couples Coping with Stress Lab (<https://ashleykrandall.wixsite.com/asucouplescoping> (<https://ashleykrandall.wixsite.com/asucouplescoping>))
- Tran Ethnic and Minority Psychology and Experiences (TEMPE) Lab (<https://sites.google.com/site/tempelab/about> (<https://sites.google.com/site/tempelab/about>))

**Additional Program Fee:** N

**Second Language Requirement:** N

**First Required Math Course:** MAT 119 - Finite Mathematics or MAT 170 Precalculus

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSPGSBA~null + &college=CLS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Study abroad students are exposed to unique differences in the human condition worldwide, are able to improve language and cross-cultural skills for effective communication, and are challenged to adapt under new social and cultural circumstances. Participating in one of the more than 300 Global Education programs (<https://goglobal.asu.edu/>) provides an opportunity for students to develop a valuable skill set that can give them an advantage in their career and personal enrichment. Whether in a foreign country, in the U.S. or online, Global Education programs encourage students to build communication skills, challenge them to adapt and persevere, expose them to differences across the world and increase their ability to work with diverse groups of people.

The College of Integrative Sciences and Arts recommends these programs (<https://goglobal.asu.edu/students/major/psychology>) for students

majoring in psychology.

**Career Opportunities:** The Bureau of Labor Statistics shows that the outlook for job growth (2016 to 2026) for psychologists is 14%, which is faster than average.

A degree in psychology prepares students for a career in a variety of settings:

- consulting firms
- government (sales and marketing, human resources, research, administration, management)
- hospitals
- industries and organizations
- mental health agencies
- social services (high school psychology teacher, occupational analyst)

The degree also provides an excellent foundation for graduate study in fields such as public administration, law, family studies, communication and the various graduate program fields in psychology:

- clinical and counseling
- cognitive neuroscience
- developmental
- environmental
- health
- physiological
- social

**Contact Information:**

Integrative Sciences and Arts, College of  
School of Counseling and Counseling Psychology

<https://cisa.asu.edu>

SANCA 233

CISA@asu.edu

480-727-1526

## Psychology, BS (LSPGSBS)

**Campus:** Polytechnic

**Program Description:** Psychology is the scientific study of mind and behavior.

The BS program in psychology emphasizes critical thinking, reasoning, quantitative research and scientific writing.

Students have the opportunity to participate in faculty-led research labs on a wide range of topics. Some labs include:

- PLENA Research Lab (<https://www.plenaresearch.org/> (<https://www.plenaresearch.org/>))
- Couples Coping with Stress Lab (<https://ashleykrandall.wixsite.com/asucouplescoping>) (<https://ashleykrandall.wixsite.com/asucouplescoping>)
- Tran Ethnic and Minority Psychology and Experiences (TEMPE) Lab (<https://sites.google.com/site/tempelab/about>) (<https://sites.google.com/site/tempelab/about>)

**Additional Program Fee:** N

**Second Language Requirement:** N

**First Required Math Course:** MAT 119 - Finite Mathematics or MAT 170 Precalculus

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSPGSBS~null + &college=CLS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Study abroad students are exposed to unique differences in the human condition worldwide, are able to improve language and cross-cultural skills for effective communication, and are challenged to adapt under new social and cultural circumstances. Participating in one of the more than 300 Global Education programs (<https://goglobal.asu.edu/>) provides an opportunity for students to develop a valuable skill set that can give them an advantage in their career and personal enrichment. Whether in a foreign country, in the U.S. or online, Global Education programs encourage students to build communication skills, challenge them to adapt and persevere, expose them to differences across the world and increase their ability to work with diverse groups of people.

**Career Opportunities:** The Bureau of Labor Statistics shows that the outlook for job growth (2016 to 2026) for psychologists is 14%, which is much faster than average.

A degree in psychology prepares students for a career in various settings:

- consulting firms
- government (sales and marketing, human resources, research, administration, management)
- hospitals
- industries and organizations
- mental health agencies
- social services (high school psychology teacher, occupational analyst)

The degree program also provides an excellent foundation for graduate study in fields such as public administration, law, family studies, communication and the various graduate program fields in psychology:

- clinical and counseling
- cognitive neuroscience
- developmental
- environmental
- experimental
- quantitative
- physiological
- social

**Contact Information:**

Integrative Sciences and Arts, College of  
School of Counseling and Counseling Psychology

<https://cisa.asu.edu>

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480-727-1526

## Science, Technology and Society, BS (ECSTSBS)

**Campus:** Polytechnic

**Program Description:** The BS program in science, technology and society considers the impacts of science and technology on global and social issues. Information and communication technologies have changed the world in ways no one could have imagined 50 years ago. Everything from the way humans are born to how they die is driven by rapidly changing technologies. As these changes occur, it is important for organization managers and policymakers to understand the implications and respond accordingly.

The questions surrounding how science and technology are changing society are highly transdisciplinary and cultural. Students learn to understand the intricate interrelationships of science, technology and society and become prepared with technical skills and knowledge to promote change. This

extremely flexible program encourages students to focus on real-world social problems, with current and engaging topics such as:

- health and economic disparities
- housing and food insecurities
- identity politics
- social and political unrest
- social change
- technological divide

Problems of the world are complex and multidisciplinary and require a multifaceted approach. Addressing modern social problems often requires a combination of policies, sociological interventions and economic infrastructure planning. Theories from social science disciplines provide the basis for effective decision-making and problem-solving. Graduates of the program are prepared with theory and research skill sets that allow them to draw from the best of the multiple disciplines in the social sciences as they confront a technically sophisticated world.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** N

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics OR any math course that meets the MA designation.

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Integrative Social Science, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ECSTSB~null + &college=CLS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: With over 300 programs in more than 65 countries (programs vary in length, from one week to one year), participation in a Global Education program (<https://goglobal.asu.edu/>) is possible for all science, technology and society students. Students can benefit from a study abroad experience as it helps students increase their global knowledge and intercultural communication skills which can prepare them for graduate

and professional study as well as for leadership in careers, both domestic and international.

**Career Opportunities:** Graduates are prepared for graduate or professional study or professional careers in the public, nonprofit and governmental spheres and in roles such as:

- academics
- e-commerce analysts
- entrepreneurs
- political scientists
- public relations specialists
- science and technology directors
- social media coordinators

**Contact Information:**

Integrative Sciences and Arts, College of  
School of Applied Sciences and Arts  
<https://cisa.asu.edu/>  
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480-727-1526

## Technical Communication, BS (LSTECBS)

**Campus:** Polytechnic, Online

**Program Description:** Technical communication is applied workplace communication that makes technical or specialized information understandable and available to many different users. It involves using a range of technologies to craft an ever-expanding array of print and digital information products: websites, social media sites, help files, training materials, grants and proposals, and data visualizations, to name just a few.

Technical communicators work in many professional roles, such as information developers, grant writers, web interface designers or user experience specialists. What all of these roles have in common is the focus on creating accessible and appealing communication that has a practical purpose and is intended for a particular audience.

In the technical communication program, students learn how to analyze, write, design, produce and manage print and digital information using traditional and developing technologies.

The BS degree program in technical communication in the College of Integrative Sciences and Arts is the only undergraduate technical communication degree program available in the state of Arizona.

Those interested in the technical communication online program may visit the ASU Online website for more information.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** N

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics OR any math course that meets the MA designation

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-technical-communication/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSTECBS-null + &college=CLS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Those who study abroad while learning technical communication will have an advantage in many workplaces. Understanding the global view of applied workplace communication, students become well-rounded communicators, able to utilize various print and digital information products to relate technical and specialized information. More information on available programs can be found on the Global Education website (<https://goglobal.asu.edu/>).

**Career Opportunities:** The Bureau of Labor Statistics estimates that job growth in technical writing and related areas will continue to be significantly higher than average during the next five years. Software and electronics companies, media corporations, financial institutions, government agencies, nonprofits and other areas will see an increased demand for writers.

Students in the program prepare for careers such as these:

- communication manager
- content strategist
- data visualization specialist
- engineering support specialist
- information architect
- new media or social media specialist
- public relations specialist
- technical writer
- user experience specialist
- web content creator

**Contact Information:**

Integrative Sciences and Arts, College of  
School of Applied Professional Studies  
<https://cisa.asu.edu/tech-comm>  
SANCA 233  
CISA@asu.edu  
480-727-1526

## Technical Communication (Data Visualization), BS (LSTECDVBS)

**Campus:** Polytechnic, Online

**Program Description:** The data visualization concentration in the BS program in technical communication prepares students for the innovative work of collecting, processing and visualizing data in clear, accurate and dynamic ways to a range of audiences.

Students learn how to structure, model, clean and correlate data. They learn myriad types of data visualizations, how to develop and refine visualizations using a range of software, how to read and develop analytics dashboards, and how to communicate data-driven recommendations and findings. Students gain experience visualizing proportions, patterns over time, complex relationships and spatial data through graphics. They also learn about data visualization ethics, including how to spot misleading graphs and how to ensure the production of responsible and accurate visualizations.

**Additional Program Fee:** N

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/technical-communication-data-visualization-bs/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSTECDVBS-null + &college=CLS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Studying abroad while learning about data visualization in the world of technical communication gives students an advantage in many workplaces. Understanding the global view of applied workplace communication, students become well-rounded communicators, able to utilize various print and digital information products to relate technical and specialized information. Students can find more information on available programs on the Global Education website (<https://goglobal.asu.edu/>).

**Career Opportunities:** The field of data visualization continues to grow at a rapid pace. According to Market Watch, the global data visualization industry was valued at 8.8 billion dollars in 2019, and is expected to reach 19.2 billion by 2027. 43% of the market share is held in North America. Students in the program prepare for careers such as:

- communication managers
- computer and information systems managers
- data specialists or analysts
- data visualization developers
- digital designers
- big data engineers
- information architects
- market research analysts

**Contact Information:**

Integrative Sciences and Arts, College of

School of Applied Professional Studies

<https://cisa.asu.edu/tech-comm>

SANCA 233



## Technical Communication (Social Media Management), BS (LSTECMMBS)

**Campus:** Polytechnic, Online

**Program Description:** Technical communication concerns communicating about, with and on technology. Social media is a rapidly developing aspect of the technology landscape. Thus, this social media management concentration in the BA program in technical communication concerns the management, history, theory, culture, practice and ethics of social media.

While the technical communication major gives students a wide look at how professional technical communicators do many types of work inside and outside of organizations, this concentration hones in on social media creation as a specific type of technical communication work. Students learn the practical aspects of social media creation alongside the history, legal concepts, ethical ideas and current concerns that shape and inform that practice. Students also learn how to understand existent and emerging social media in ways that will allow them to adapt and thrive in the constantly changing social media environment.

**Additional Program Fee:** N

**Second Language Requirement:** N

**First Required Math Course:** MAT 117 - College Algebra

**Program Math Intensity:** Moderate

### Concurrent Program Options:

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

### Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

### Attend Online:

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/technical-communication-social-media-management/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

### Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSTECMMBS~null + &college=CLS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

### Global Opportunities:

Global Experience: Those who study abroad (<https://goglobal.asu.edu/>) while learning technical communication will have an advantage in many workplaces. Understanding the global view of applied workplace communication, students become well-rounded communicators, able to utilize various print and digital information products to relate technical and specialized information.

**Career Opportunities:** The Bureau of Labor Statistics estimates that job growth in technical communication and related areas will continue to be significantly higher than average during the next five years. Software and electronics companies, media corporations, financial institutions, government agencies, nonprofits and other areas will see an increased demand for technical communicators.

Graduates of the program are prepared for careers such as:

- communication manager
- content strategist
- data visualization specialist
- public relations specialist
- social media manager
- social media specialist
- technical writer
- user experience specialist
- web content creator

**Contact Information:**

Integrative Sciences and Arts, College of  
School of Applied Professional Studies  
<https://cisa.asu.edu/tech-comm>  
SANCA 233  
CISA@asu.edu  
480-727-1526

## Technical Communication (User Experience), BS (LSTECUBS)

**Campus:** Polytechnic, Online

**Program Description:** The user experience concentration of the BS degree in technical communication provides technical communication majors with an interdisciplinary foundation in communication, research and design that is central to the rapidly growing area of user experience.

The program provides students with a conceptual understanding and applied skills in methods of gathering user information, analyzing data and communicating research findings to stakeholders. Although its disciplinary home and primary focus is technical communication, the concentration includes courses from human systems engineering and graphic information technology in order to provide students with the multiple perspectives and complementary skills needed for user experience work.

**Additional Program Fee:** N

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College MathematicsAny math course that meets the MA designation.

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

User Experience, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/technical-communication-user-experience-bs/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® ([https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSTECUBS-null + &college=CLS](https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LSTECUBS-null+%&college=CLS)) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Students who have studied abroad (<https://goglobal.asu.edu/>) while learning technical communication have an advantage in many workplaces. Understanding the global view of applied workplace communication, students become well-rounded communicators, able to utilize various print and digital information products to relate technical and specialized information. Students also gain an understanding of who users may be and of cultural differences that may affect user needs.

**Career Opportunities:** Technical communicators with expertise in user experience have numerous career opportunities in growth areas such as user experience research, user-centered design, information design, interaction design, information architecture, content strategy and usability analysis.

**Contact Information:**

Integrative Sciences and Arts, College of  
School of Applied Professional Studies  
<https://cisa.asu.edu/tech-comm>  
SANCA 233  
CISA@asu.edu  
480-727-1526

## Interdisciplinary Arts and Sciences, New College of

### Aging, BS (ASALDBS)

**Campus:** West

**Program Description:** The world's population is rapidly aging as older adults now compose the largest-ever demographic segment. While longer life spans are an enormous gain for human welfare, this rapid shift presents tremendous challenges including health care costs, labor-force shortages, and long-term care demands.

ASU's BS program in aging offers students the opportunity to develop skills in identifying challenges and developing solutions critical to managing these profound demographic trends. Completing courses like Communication and Aging, Aging and the Life Course, and Supporting the Health of Older Adults gives students the skills and mindset to contribute solutions as the proportion of retired adults increases faster than that of persons in the workforce. Completion of the degree includes a culminating experience such as a capstone project or internship experience for experiential learning opportunities beyond the classroom.

This Bachelor of Science program prepares students to be leaders in this burgeoning field. Students learn to develop solutions in areas of personal finance, transportation, increased demands for health care, assisted-living options and recreation needs for an aging population.

**Additional Program Fee:** N

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap

in curriculum.

#### **Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASALDBS~null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Global Opportunities:**

Global Experience: With over 300 Global Education programs in more than 65 countries (programs vary in length, from one week to one year), study abroad (<https://goglobal.asu.edu>) is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a future-focused career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs.

**Career Opportunities:** Career opportunities for graduates of the degree program in aging include advising organizations to better serve older adults, researching service delivery modalities, developing policies for public and private organizations or providing services directly to older populations. Employment in associated career fields is expected to increase commensurately with the needs of a growing and diverse population. People working with aging populations are employed in public and private agencies dealing with a wide variety of social issues, including:

- access to primary and specialized health care
- assisted-living facility management
- disabilities
- discrimination
- elder abuse and family support
- health, mental health and end-of-life decisions
- housing
- recreational opportunities
- transportation

#### **Contact Information:**

Interdisciplinary Arts and Sciences, New College of  
School of Social and Behavioral Sciences

<https://newcollege.asu.edu>

FAB N101

[sbsadvising@asu.edu](mailto:sbsadvising@asu.edu)

602-543-3000

## **Applied Computing, BS (ASACOBS)**

**Campus:** West

**Program Description:** Students in the BS program in applied computing learn a computer science foundation and then explore the established knowledge and emerging developments in the high-demand areas of database systems, computer networks and cybersecurity. The program also provides the opportunity to investigate interdisciplinary connections, including the combination of computing with its real-world application in other disciplines through concurrent degrees and minors.

Hands-on class projects, internships, industry partnerships and authentic and impactful research conducted with faculty provide numerous opportunities for students to apply their knowledge before they graduate. Students use their programming expertise, systems knowledge and critical thinking skills to effectively problem-solve and articulate their experience through presentations, scientific posters and professional papers.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 210 - Brief Calculus or MAT 251 Calculus for Life Sciences

**Program Math Intensity:** Substantial

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Biological Data Science, MS

Global Management, MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASACOB&college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Students learn to thrive in a global environment through the rich educational and interpersonal experiences inherent in study abroad. A resume enhanced by the valuable study abroad experience will impress prospective employers and it will also help the student stand out should they decide to pursue advanced study.

With more than 300 Global Education program opportunities (<https://goglobal.asu.edu/>) available, students are able to tailor their experience to their unique interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

**Career Opportunities:** Graduates are prepared to integrate technology with human activities, respond to global changes, solve problems, and create and manage the technological production of information and creative products.

Core information technology industries are among the fastest growing sectors in the U.S. economy. Graduates find employment opportunities with corporations and businesses, nonprofit and government agencies, digital arts media industries and in the academic world.

With a depth of knowledge and experience in information technology best practices, graduates have a strong foundation in systems with established interconnections among these fields that prepares them for graduate study and for careers that include cybersecurity analysts, database architects and network engineers.

**Contact Information:**

Interdisciplinary Arts and Sciences, New College of  
School of Mathematical and Natural Sciences  
<https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASACOBS/undergrad/false/1>  
FAB N101  
mnsadvising@asu.edu  
602-543-3000

## Applied Computing (Cybersecurity), BS (ASACOCBS)

**Campus:** West

**Program Description:** The innovative cybersecurity concentration builds upon the BS degree program in applied computing.

Students acquire the technical knowledge of how to secure networks and applications; an understanding of cybersecurity governance models and risk management fundamentals; methods of communicating complex risk issues; and solutions for the challenges of implementing cybersecurity controls within various organizational models. Leadership, critical thinking and effective communication also are emphasized.

Students gain experience with real-world cybersecurity organizations, protecting digital assets against compromise or theft.

The cybersecurity concentration prepares students for a continuing and progressive career in cybersecurity.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 210 - Brief Calculus or MAT 251 Calculus for Life Sciences

**Program Math Intensity:** Substantial

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASACOCBS~null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Students gain valuable experience when studying abroad, experience which enhances their resumes. With more than 300 programs available, Global Education programs (<https://goglobal.asu.edu/>) allow students to tailor their experience to their unique interests and skill sets. Students focusing on cybersecurity are able to gain hands-on experience in programs in a variety of countries around the world. In a competitive field, graduates stand out with the heightened cultural competency, leadership and critical thinking skills they acquired when studying abroad.

**Career Opportunities:** This is an ideal degree for students interested in careers in cybersecurity. Opportunities are available both in the private sector and within governmental agencies (e.g., the FBI, U.S. Department of Homeland Security, the National Security Agency and the Department of Defense).

Graduates of the applied computing program with a concentration in cybersecurity are well prepared for graduate study as well as entry-level employment with businesses, nonprofits, government agencies and academic institutions. Cybersecurity-focused positions include:

- chief information security officer
- cyber risk analyst
- information security engineer
- network security engineer
- security operations center analyst

**Contact Information:**

Interdisciplinary Arts and Sciences, New College of  
School of Mathematical and Natural Sciences

<https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASACOCBS/undergrad/false/437>

FAB N101

[mnsadvising@asu.edu](mailto:mnsadvising@asu.edu)

602-543-3000

## Applied Mathematics, BS (ASMATBS)

**Campus:** West

**Program Description:** The BS program in applied mathematics emphasizes quantitative problem-solving and critical thinking through courses that expose students to a variety of mathematical theories, techniques and applications currently used by analysts and researchers in government, industry and nonprofit organizations.

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 270 - Calculus w/Analytic Geometry I

**Program Math Intensity:** Substantial

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Biological Data Science, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors. Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASMATBS~null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

**Global Experience:** Study abroad enables students in applied mathematics to gain valuable hands-on experience in another part of the world. With more than 300 programs available, they can tailor their experience to their unique interests and skill sets.

Participation in study abroad provides students with the heightened cultural competency and leadership and critical thinking skills that will enhance their resumes and help them stand out in a competitive career field.

More information on available programs can be found on the Global Education Office (<https://goglobal.asu.edu/>) website.

**Career Opportunities:** Graduates are prepared for entry-level positions in industry, finance, government, nonprofit organizations and education. They also may pursue advanced degrees in the mathematical sciences (e.g., mathematics, statistics and computer science), and their career opportunities may involve:

- applied mathematical networks
- financial mathematics
- general applied mathematics
- mathematical biology
- operations research

**Contact Information:**

Interdisciplinary Arts and Sciences, New College of  
School of Mathematical and Natural Sciences  
<https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASMATBS/undergrad/false/437>  
FAB N101  
mnsadvising@asu.edu  
602-543-3000

## Applied Science, BAS (ASBASBAS)

**Campus:** West

**Program Description:** The BAS program is for students who have already earned a community college AAS degree. The program allows students to apply the technical knowledge gained from their associate degree and significantly broaden their education through completion of a concentration of their design that expands on the coursework completed in their AAS or by creating a new concentration in a different area of study.

The program includes a unique, personalized area of concentration tailored to the student's individual interests and career goals. The possibilities include applied computing, applied ethics, biology, biomedical research, business, conflict resolution, communication, creative writing, cybersecurity, English, environmental science, film and video studies, forensic psychology, forensic science, interdisciplinary arts and performance, risk communication, peace studies, political science, psychology, Spanish and statistics.

The program also includes an internship experience.

Students who have earned an Associate of Applied Science degree from a regionally accredited Arizona community college may be eligible to transfer up to 75 credits toward the Bachelor of Applied Science degree. Students who have earned an Associate of Applied Science from an accredited institution may transfer 60 credit hours toward the Bachelor of Applied Science degree.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** N



**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

Communication Studies, MA

English, MA

Interdisciplinary Studies, MA

Social Justice and Human Rights, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: Students applying to this program must have completed an Associate of Applied Science degree. This program is not available for freshmen.

**Change of Major Requirements:** A current ASU student must hold an Associate of Applied Science degree in order to change the major to this program.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASBASBAS-null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: With over 300 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad (<https://goglobal.asu.edu/>) is possible for all applied science students. Students can tailor their educational experience abroad to their unique interests and skill sets. Students are able to gain hands-on experience in programs in a variety of countries around the world and gain cultural competency, leadership and critical thinking skills that prepare them to lead in their chosen career.

**Career Opportunities:** Because the program allows students to tailor their concentration, graduates are prepared for a wide range of career opportunities as well as graduate programs in fields such as law, business, social sciences and education.

**Contact Information:**

Interdisciplinary Arts and Sciences, New College of

School of Humanities, Arts, and Cultural Studies

<https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASBASBAS/undergrad/false/437>

FAB N101

harcadvising@asu.edu

602-543-3000

**Campus:** West

**Program Description:** The BA program in biology with an emphasis in the natural sciences examines the interdisciplinary nature of the life and physical sciences, focusing on the ways in which these disciplines intersect. The program's organization and flexibility allows students to simultaneously study another subject outside their major. Students are encouraged to add a minor or concurrent degree in another subject area.

Students gain hands-on experience as they work both in small groups and one-on-one with individual faculty members. Students may participate in cutting-edge scientific research by assisting in faculty research laboratories and even publish in top journals and present their results at regional and national scientific meetings.

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 170 - Precalculus

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

Biological Data Science, MS

Communication Studies, MA

Social Justice and Human Rights, MA

Social Technologies, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASLSCBA-null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: In a competitive field, unique experiences and community engagement help students stand out. With opportunities to intern, research, and learn internationally, study abroad provides cultural immersion that can challenge students and enable them to improve their language skills.

With more than 300 options available, Global Education programs (<https://goglobal.asu.edu/>) allow students to tailor their educational experience to their unique interests and skill sets. Whether in a foreign country, in the U.S. or online, students in the New College of Interdisciplinary Arts and Sciences can explore how their varied fields and interests interact in different settings around the world.

**Career Opportunities:** Graduates are prepared for entry-level jobs in research, nonprofit, education and outreach organizations and for other roles in the life sciences.

Graduates have a wide variety of options, including pursuing graduate studies or seeking careers in areas that include:

- environmental management and conservation
- health professions
- laboratory research
- primary and secondary school teaching
- science advisement to businesses and government
- science writing

**Contact Information:**

Interdisciplinary Arts and Sciences, New College of  
School of Mathematical and Natural Sciences

<https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASLSCBA/undergrad/false/437>

FAB N101

[mnsadvising@asu.edu](mailto:mnsadvising@asu.edu)

602-543-3000

## Biology, BS (ASLSCBS)

**Campus:** West, ASU at Lake Havasu

**Program Description:** The BS program in biology with an emphasis in the natural sciences examines these disciplines through experiential learning. By learning in an integrative environment that emphasizes the connectedness of the life sciences, students gain a better understanding of larger scientific concepts and can view these concepts from multiple perspectives.

All the program's core courses include laboratories.

Students are encouraged to conduct independent research under the mentorship of faculty members or during internships. Some even publish in top journals and present their results at scientific meetings.

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website.

The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees.

Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 210 - Brief Calculus or MAT 251 Calculus for Life Sciences or STP 226 Elements of Statistics

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

#### **Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASLSCBS-null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Global Opportunities:**

Global Experience: Students studying biology have a wide range of opportunities they can pursue. With more than 300 programs available, study abroad allows students to tailor their educational experience to their unique interests and skill sets. Students can expand their knowledge of how science impacts society through a variety of cultures and can develop global skills and knowledge to prepare them to lead in their career.

More information on available can be found on the Global Education Office (<https://goglobal.asu.edu/>) website.

**Career Opportunities:** This program prepares graduates for a wide range of careers by offering course and laboratory work and quantitative research opportunities that develop fundamental problem-solving, critical thinking, writing and communication skills. Graduates may enter careers in:

- business
- laboratory or field research
- medicine
- publishing
- scientific journalism
- teaching

Undergraduate laboratory experience, both on and off campus, enhances employability as a laboratory technician or research associate in university and government research laboratories; in hospital and diagnostic laboratories; and in pharmaceutical, biotechnology, agricultural and food processing companies.

Students engaged in field studies are prepared for entry-level positions in private companies and state and federal agencies, such as wildlife biologist, environmental consultant or conservation officer. They are also prepared for graduate or doctoral programs in human or veterinary medicine, pharmacy, dentistry or scientific research.

#### **Contact Information:**

Interdisciplinary Arts and Sciences, New College of

School of Mathematical and Natural Sciences

<https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASLSCBS/undergrad/false/437>

FAB N101

[mnsadvising@asu.edu](mailto:mnsadvising@asu.edu)

602-543-3000

## **Biology (Pharmacology/Toxicology), BS (ASLSCPBS)**

**Campus:** West

**Program Description:** The pharmacology and toxicology concentration of the BS program in biology provides an emphasis in the biochemical,

molecular and physiological components of chemical and body interactions.

The degree program emphasizes experiential learning, and all required core courses have laboratories. By learning in an integrative environment that emphasizes the connectedness of the disciplines, students gain a better understanding of larger scientific concepts and they can view these concepts from multiple perspectives. To have a thorough understanding of the interactions of chemicals in the biological system, students study both biology and chemistry and become familiar with chemical interactions at physiological, molecular and cellular levels.

Undergraduates have the opportunity to conduct independent research under the mentorship of faculty members or in internships outside the school.

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 210 - Brief Calculus or MAT 251 Calculus for Life Sciences

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASLSCPBS-null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Students gain valuable, resume-building experience by studying abroad. With more than 300 programs available, study abroad (<https://goglobal.asu.edu/>) allows students to tailor their educational experience to their unique interests and skill sets. Students pursuing the pharmacology and toxicology concentration can expand their knowledge of how science impacts society in a variety of cultures and gain the global skills and knowledge they need to be able to lead in their career.

**Career Opportunities:** Graduates are prepared for occupations such as:

- risk assessor
- laboratory researcher
- pharmacist
- physician
- physician's assistant
- veterinarian

They may work in governmental agencies or private companies in areas such as:

- clinical trials
- product safety evaluation
- regulatory affairs
- teaching

Graduates are also prepared for entry-level employment in the growing field of environmental toxicology as well as for graduate and professional programs in pharmacology and toxicology.

**Contact Information:**

Interdisciplinary Arts and Sciences, New College of  
School of Mathematical and Natural Sciences

<https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASLSCPBS/undergrad/false/437>

FAB N101

[mnsadvising@asu.edu](mailto:mnsadvising@asu.edu)

602-543-3000

## Biotechnology and Bioenterprise, BS (ASBITEBS)

**Campus:** West

**Program Description:** The BS program in biotechnology and bioenterprise provides students with essential transdisciplinary and practical experience in biotechnology research. Students acquire the associated business and entrepreneurship skills needed for developing and marketing biotechnological innovations and solutions to problems that face the biotechnology and health sciences communities in Arizona, the nation and beyond.

The program emphasizes coursework in the biological, biomolecular and biotechnological sciences, which are key components that underpin biotechnology. Students may tailor the degree to their specific interests and aspirations through focus areas in biotechnology, bioentrepreneurship and biostatistics.

The program is unique due to its focus on blending biotechnology and entrepreneurship.

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** First math varies depending on the focus area chosen.

**Program Math Intensity:** Substantial

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Global Management, MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASBITEBS~null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Global Opportunities:**

**Global Experience:** When studying abroad (<https://goglobal.asu.edu/>), students gain valuable experience in diverse settings. Students deepen their understanding of biotechnology and bioenterprise by enhancing their knowledge of research methods across the globe and through exposure to global startups and how countries approach entrepreneurship. Those who study abroad gain heightened skills in communication, critical thinking and leadership that enhance their resumes and give them a competitive edge in their chosen career field.

**Career Opportunities:** Graduates of this program are prepared for such careers as:

- bioentrepreneur
- cell biologist
- clinical trials manager
- educator
- laboratory researcher
- microbiologist
- patent agent
- portfolio manager
- project manager
- regulatory affairs manager

#### **Contact Information:**

Interdisciplinary Arts and Sciences, New College of

School of Mathematical and Natural Sciences

<https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASBITEBS/undergrad/false/437>

FAB N101

[mnsadvising@asu.edu](mailto:mnsadvising@asu.edu)

602-543-3000

## **Communication, BA (ASCOMMBA)**

**Campus:** West, ASU at Lake Havasu

**Program Description:** The BA program in communication is a broad-based program that trains individuals to speak and write competently, manage relationships well, solve problems effectively, and understand the role and function of communication in public forums, organizational settings, relational exchanges and intercultural situations.

The curriculum provides an extensive understanding of the practical, theoretical and professional distinctions of today's field of communication. Utilizing the nationally recognized CommLabASU, students perform in-depth study of what contributes to and detracts from effective human communication, recognizing that the art of communication is far more nuanced than simple speaking and writing prowess.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** N

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics

## **Program Math Intensity:** General

### **Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

### **Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

- Communication Studies, MA
- English, MA
- Global Management, MGM
- Interdisciplinary Studies, MA
- Social Justice and Human Rights, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

### **Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASCOMMBA~null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

### **Global Opportunities:**

Global Experience: Communication students gain intercultural experience through tailored study abroad programs. Students improve language and cross-cultural skills for effective communication, develop critical teamwork and problem-solving skills, and expand their knowledge of the liberal arts through lenses of different cultures.

With more than 300 options available, Global Education programs (<https://goglobal.asu.edu/>) allow students to tailor their educational experience to their unique interests and skill sets. Whether in a foreign country, in the U.S. or online, students in the New College of Interdisciplinary Arts and Sciences can explore how their varied fields and interests interact in different settings around the world.

**Career Opportunities:** The Bachelor of Arts in communication prepares students for careers in social media and technology, global communication, public relations and strategic communications, risk and crisis communication, communication training and mentoring, sport communication and communication philosophy. Because communication skills are crucial to many professions, graduates work in a variety of fields, including:

- customer service and customer relations
- health and human services
- human resources
- lobbying
- management
- marketing
- media and public relations
- mediation



- social media design and implementation
- training and development

**Contact Information:**

Interdisciplinary Arts and Sciences, New College of  
School of Social and Behavioral Sciences  
<https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASCOMMBA/undergrad/false/3>  
FAB N101  
sbsadvising@asu.edu  
602-543-3000

## Communication, BS (ASCOMMBS)

**Campus:** West, ASU at Lake Havasu

**Program Description:** The communication program prepares students to do far more than give a speech or two in front of their peers. It provides an extensive understanding of the practical, theoretical and professional distinctions of today's field of communication and equips students with the skills they need to convey complex ideas clearly and effectively through both the spoken and written word.

In the nationally recognized CommLabASU, this program trains and prepares students for in-depth study into what contributes to and detracts from effective human communication, recognizing that the art of communication is far more nuanced than simple speaking and writing prowess.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** N

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics OR any math course that meets the MA designation

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

Communication Studies, MA  
English, MA  
Interdisciplinary Studies, MA  
Social Justice and Human Rights, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASCOMMBS~null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Communication students gain intercultural experience through tailored study abroad programs. Students improve language and cross-cultural skills for effective communication, develop critical teamwork and problem-solving skills, and expand their knowledge of the liberal arts through lenses of different cultures.

With more than 300 options available, Global Education programs (<https://goglobal.asu.edu/>) allow students to tailor their educational experience to their unique interests and skill sets. Whether in a foreign country, in the U.S. or online, students in the New College of Interdisciplinary Arts and Sciences can explore how their varied fields and interests interact in different settings around the world.

**Career Opportunities:** Graduates are trained in effective communication skills; are able to speak and write well; can convey complex ideas effectively; and are able to perform various forms of data analysis, communication assessment and technical reporting. They are prepared for employment in communication-intensive fields and for further graduate study in the social sciences, law, humanities and management. Graduates work in communications-intensive fields such as:

- advertising
- community education
- corporate communications
- crisis management
- customer service and customer relations
- health communication
- human resources management
- media and public relations
- new media
- social media
- training and development

**Contact Information:**

Interdisciplinary Arts and Sciences, New College of  
School of Social and Behavioral Sciences

<https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASCOMMBS/undergrad/false/437>

FAB N101

[sbsadvising@asu.edu](mailto:sbsadvising@asu.edu)

602-543-3000

## Computational Forensics, BS (ASCPFBS)

**Campus:** West

**Program Description:** The BS degree program in computational forensics is a multidisciplinary degree program that encompasses areas of physical, biological and social sciences with an additional focus on statistics and computation.

In this program, students develop the quantitative and computational methods that assist basic and applied research efforts in forensic science, establish or prove scientific basis in investigative procedures, and support forensic examiner casework. Through modeling, computer simulations and computer-based analysis and recognition, students gain an in-depth understanding of the forensic science discipline, the scientific method and the systematic approach to forensic science.

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 270 - Calculus w/Analytic Geometry I

**Program Math Intensity:** Substantial

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASCPFBS~null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Computational forensic students can study abroad and gain skills employers demand, like leadership, communication and critical thinking skills. When immersed in another culture, students can earn credits in their major while broadening their horizons.

With over 300 options available, Global Education programs (<https://goglobal.asu.edu/>) allow students to tailor their educational experience to their unique interests and skill sets. Whether in a foreign country, in the U.S. or online, students in the New College of Interdisciplinary Arts and Sciences can explore how their varied fields and interests interact in different settings around the world.

**Career Opportunities:** The demand for forensic scientists is increasing according to the U.S. Bureau of Labor Statistics. With computation and statistics driving many technological advances, this interdisciplinary degree program prepares students for employment in a range of jobs or to continue on to advanced study of quantitative programs in graduate school.

**Contact Information:**

Interdisciplinary Arts and Sciences, New College of

School of Interdisciplinary Forensics

<https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASCPFBS/undergrad/false/1>

FAB N101

[sifadvising@asu.edu](mailto:sifadvising@asu.edu)

602-543-3000

## Conflict Resolution, BA (ASCNRBA)

**Campus:** West

**Program Description:** The BA program in conflict resolution introduces students to theories and practices that enable them to understand, address and transform conflict while dealing with challenges both at the micro and macro levels in professional and cross-cultural contexts and in individual and collective interactions.

Taking an interdisciplinary approach while being grounded in communication, graduates of the program are ready to pursue further education or careers in several diverse areas.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** N

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics OR any math course that meets the MA designation

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASCNRBA~null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Students who study conflict resolution abroad gain cultural competency and an expanded worldview, enabling them to resolve issues not only within the work place but also within international partnerships. This enhanced education and skill set can help with job acquisition.

With over 300 programs in more than 65 countries, opportunities exist for study abroad nearly anywhere students want to go.

<https://goglobal.asu.edu/> (<https://goglobal.asu.edu/>)

**Career Opportunities:** Graduates have great career prospects in business, education, government, nongovernmental agencies, law, health care advocacy, public and government administration, mediation and advocacy.

**Contact Information:**

Interdisciplinary Arts and Sciences, New College of  
School of Social and Behavioral Sciences

<https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASCNRBA/undergrad/false/437>

FAB N101

[sbsadvising@asu.edu](mailto:sbsadvising@asu.edu)

602-543-3000

## Disability Studies, BA (ASDISASBA)

**Campus:** West, Online

**Program Description:** Disability is a basic feature of human diversity. In fact, people with disabilities form the largest minority group in the United States, making up approximately a quarter of the population. Disability studies has become an increasingly prominent academic field, providing students with a multifaceted understanding of the social, cultural, political and economic dimensions of disability.

The BA degree program in disability studies prepares students to make a positive impact on society. Students learn to confront the marginalization of people with disabilities and to acquire skills in research, advocacy and policymaking that are increasingly important in a range of professions.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** N

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

English, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-disability-studies/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASDISASBA~null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Students deepen their understanding of the diversity and complexity of the world when studying abroad. Study abroad provides a unique opportunity for students to add cultural knowledge to their studies on disability. When studying abroad, students expand their scope of learning and gain personal and professional experience beyond the comfort zone of their home country.

With over 300 programs in more than 65 countries, opportunities exist nearly anywhere students want to go. More information on available programs can be found on the Global Education Office (<https://goglobal.asu.edu/>) website.

**Career Opportunities:** Graduates from this program find career opportunities in many fields, such as the arts, business, civil service, counseling, education, government, health care, law and social work as well as with community and nonprofit organizations.

**Contact Information:**

Interdisciplinary Arts and Sciences, New College of  
School of Humanities, Arts, and Cultural Studies

<https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASDISASBA/undergrad/false/5>

FAB N101

harcadvising@asu.edu

602-543-3000

## English, BA (ASENGBA)

**Campus:** West

**Program Description:** The BA program in English utilizes literature to explore the social, environmental and political challenges of the day while teaching students in-demand skills for future focused jobs. Courses in writing, literature, rhetoric, film and culture recreate traditional approaches to the study of English by engaging today's central issues and questions.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** N

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

### **Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

### **Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

English, MA

Global Management, MGM

Interdisciplinary Studies, MA

Social Justice and Human Rights, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

### **Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASENGBA~null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

### **Global Opportunities:**

Global Experience: Study abroad (<https://goglobal.asu.edu>) broadens students' perspectives by exposing them to new and unique cultures, communities and people. Students can explore the English language at a deeper level through an expanded lens of dialects, literature and terminology in one of more than 300 Global Education programs. Students who study abroad gain heightened cultural competency and communication and critical thinking skills, which enhance their educational experience and their resumes.

**Career Opportunities:** Graduates are prepared for graduate study programs including in education, creative writing, literary history, rhetoric, composition, and public policy; for professional training in law, business, teaching and public policy; and for careers in marketing, public relations, government, diplomacy and community work, among others. Majors, minors and those enrolled in the writing certificate program prepare for the

many professions in which problem-solving, creativity, research strengths, writing, interpersonal and digital skills are necessary and valued.

**Contact Information:**

Interdisciplinary Arts and Sciences, New College of  
School of Humanities, Arts, and Cultural Studies  
<https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASENGBA/undergrad/false/5>  
FAB N101  
harc sadvising@asu.edu  
602-543-3000

## English (Secondary Education), BA (ASENGSEBA)

**Campus:** West

**Program Description:** The BA program in English with a concentration in secondary education provides rigorous content in literature, composition, linguistics and secondary teaching, extensively preparing students to meet the needs of all student populations, including attention to levels of student academic performance and cultural and linguistic diversity.

The demand for teachers in Arizona is high. Students complete their teaching internship in school districts in the greater Phoenix area or for one of the 22 Native American nations in Arizona.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** N

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:  
All students are required to meet general university admission requirements.  
Freshman (<https://admission.asu.edu/freshman/apply>)  
Transfer (<https://admission.asu.edu/transfer/apply>)  
International (<https://admission.asu.edu/international/undergrad-apply>)  
Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors. Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASENGSEBA~null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

**Global Experience:** Students wishing to pursue a future in education must understand the diverse set of experiences, backgrounds and cultures that shape the students in their classrooms. Secondary education concentration students can enhance their English degree with a study abroad program, in which they can gain firsthand experience within a wide range of cultures and communities.

With more than 300 options available, Global Education programs (<https://goglobal.asu.edu/>) allow students to tailor their educational experience to their unique interests and skill sets. Whether in a foreign country, in the U.S. or online, students in the New College of Interdisciplinary Arts and Sciences can explore how their varied fields and interests interact in different settings around the world.

**Career Opportunities:** Graduates of the program earn Arizona Department of Education certification for middle and high school English language arts and are prepared for careers as secondary school teachers.

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

**Contact Information:**

Interdisciplinary Arts and Sciences, New College of  
School of Humanities, Arts, and Cultural Studies  
<https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASENGSEBA/undergrad/false/5>  
FAB N101  
harcadvising@asu.edu  
602-543-3000

## Environmental Science, BA (ASENVBA)

**Campus:** West, ASU at Lake Havasu

**Program Description:** The study of human impact on the earth's ecosystems and resources has become increasingly important over the past 20 years. The BA degree program in environmental science is dedicated to preparing students to become graduates who will be able to find solutions to today's critical environmental challenges posed by pollution and climate change.

This degree program is founded on established environmental basics, ensuring that students are well-versed in biological study, including molecular, organismal and ecosystem biology. Students gain competency in chemistry, statistics and geographic information systems.

The world-renowned faculty conduct research across the globe, and they engage students in the process of creating new scientific knowledge that, in turn, impacts a rapidly changing world.

Rounding out student preparation, the program includes a focus on the management and communication skills necessary in various environmentally specific careers.

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 170 - Precalculus

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

- Biological Data Science, MS
- Communication Studies, MA
- Environmental and Resource Management (Water Management), MS
- Environmental and Resource Management, MS
- Social Justice and Human Rights, MA
- Social Technologies, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).



**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASENVBA~null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

**Global Experience:** The natural world is complex and diverse, changing quickly from one biome to the next. Not only is the physical environment varied across the globe, so is the human treatment of it. Students who study abroad gain a deeper understanding of the global environment, how culture affects the environment and how to best communicate environmental research to a diverse audience.

With more than 300 options available, Global Education programs (<https://goglobal.asu.edu/>) allow students to tailor their educational experience to their unique interests and skill sets. Whether in a foreign country, in the U.S. or online, students in the New College of Interdisciplinary Arts and Sciences can explore how their varied fields and interests interact in different settings around the world.

**Career Opportunities:** Career opportunities for graduates of this program include employment in environmental policy, management or leadership positions in federal and state agencies, local municipality planning offices, private consulting firms, and nongovernmental and nonprofit organizations. Graduates of the program are also well qualified to pursue graduate studies in relevant areas of the natural sciences.

**Contact Information:**

Interdisciplinary Arts and Sciences, New College of

School of Mathematical and Natural Sciences

<https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASENVBA/undergrad/false/437>

FAB N101

[mnsadvising@asu.edu](mailto:mnsadvising@asu.edu)

602-543-3000

## Environmental Science, BS (ASENVBS)

**Campus:** West, ASU at Lake Havasu

**Program Description:** The BS degree program in environmental science is dedicated to finding solutions to the challenges posed by climate change.

The study of human impact on the earth's ecosystems and resources has become increasingly important over the past 20 years. This degree program is founded on established environmental basics, ensuring that students are well-versed in biological study including molecular, organismal and ecosystem biology. Students gain competency in chemistry, statistics and geographic information systems. Rounding out student preparation, the degree includes a focus on the management and communication skills necessary in various environmentally specific careers.

This degree prepares students to become graduates who will find innovative and sustainable solutions to today's critical environmental challenges, including pollution and climate change. The world-renown faculty conduct research across the globe and engage students in the process of creating new scientific knowledge that, in turn, will impact a rapidly changing world.

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who

select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 210 - Brief Calculus or MAT 251 Calculus for Life Sciences or MAT 270 Calculus with Analytic Geometry I

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Biological Data Science, MS

Environmental and Resource Management (Water Management), MS

Environmental and Resource Management, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASENVBS~null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: The natural world is complex and diverse, changing quickly from one biome to the next. Not only is the physical environment varied across the globe, so is the human treatment of it. Students who study abroad gain a deeper understanding of the global environment, how culture affects the environment and how to best communicate environmental research to a diverse audience.

With more than 300 options available, Global Education programs (<https://goglobal.asu.edu/>) allow students to tailor their educational experience to their unique interests and skill sets. Whether in a foreign country, in the U.S. or online, students in the New College of Interdisciplinary Arts and Sciences can explore how their varied fields and interests interact in different settings around the world.

**Career Opportunities:** Career opportunities for graduates of this program include employment in federal and state agencies, such as the U.S. Bureau of Land Management, U.S. Environmental Protection Agency, and U.S. Forest Service, and in private consulting firms and nongovernmental and nonprofit organizations. Graduates of the program also are well qualified to pursue graduate studies in relevant areas of the natural sciences.

**Contact Information:**

Interdisciplinary Arts and Sciences, New College of  
School of Mathematical and Natural Sciences

<https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASENVBS/undergrad/false/437>

FAB N101  
mnsadvising@asu.edu  
602-543-3000

## Exploratory Applied Computing, Mathematics and Technology, (ASACMTEXPL)

**Campus:** West

**Program Description:** Many students are not ready to choose a specific academic program of study when first entering the university. Exploratory programs provide students the opportunity to discover the options available at ASU, and they are provided the time, resources and guidance needed to assess their skills, interests and aptitudes.

Declaring exploratory status permits students to begin meeting General Studies requirements that all ASU graduates must fulfill. The exploratory applied computing, mathematics and technology program also allows students to take some time to explore a variety of academic courses that may lead to a potential major interest in these fields.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 117 - College Algebra or MAT 170 Precalculus or MAT 210 Brief Calculus or MAT 251 Calculus for Life Sciences or MAT 270 Calculus with Analytic Geometry 1

**Program Math Intensity:** Moderate

### Concurrent Program Options:

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

### Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** Students with fewer than 45 credit hours may declare this exploratory program. Students may not accrue more than 45 hours while they are an exploratory student.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

### Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASACMTEXPL-null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

### Global Opportunities:

Global Experience: Exploring applied computing, mathematics and technology on the global scale can be beneficial to students when narrowing their focus of study. While taking various general education courses through study abroad (<https://goglobal.asu.edu/>), students are able learn more about themselves and what career path they want to pursue. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs.

**Career Opportunities:** Career opportunities are specific to the ultimate major of choice.

### Contact Information:

Interdisciplinary Arts and Sciences, New College of  
School of Mathematical and Natural Sciences

<https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASACMTEXPL/undergrad/false/437>

FAB N101

mnsadvising@asu.edu

602-543-3000

## Exploratory Health and Life Sciences, (ASHSCIEXPL)

**Campus:** West

**Program Description:** Many students are not ready to choose a specific academic program of study when first entering the university. Exploratory programs provide students an opportunity to discover the options available at ASU, and they are provided the time, resources and guidance needed to assess their skills, interests and aptitudes.

Declaring exploratory status permits students to begin meeting General Studies requirements that all ASU graduates must fulfill. It also allows students to take some time to explore a variety of academic courses that may lead to a potential major interest.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 117 - College Algebra or MAT 170 Precalculus or MAT 210 Brief Calculus or MAT 251 Calculus for Life Sciences or MAT 270 Calculus w/Analytic Geometry I

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** Students with fewer than 45 credit hours may declare this exploratory program. Students may not accrue more than 45 hours while they are an exploratory student.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASHSCIEXPL~null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Exploring health and life sciences on the global scale (<https://goglobal.asu.edu/>) can be beneficial to students when narrowing their focus of study. While taking various general education courses abroad, students are able learn more about themselves and what career path they want to pursue. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs.

**Career Opportunities:** Career opportunities are specific to the ultimate major of choice.

**Contact Information:**

Interdisciplinary Arts and Sciences, New College of  
School of Mathematical and Natural Sciences

<https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASHSCIEXPL/undergrad/false/437>

FAB N101

[mnsadvising@asu.edu](mailto:mnsadvising@asu.edu)

602-543-3000

## Exploratory Humanities, Fine Arts and Design, (ASHUFAEXPL)

**Campus:** West

**Program Description:** Many students are not ready to choose a specific academic program of study when first entering the university. Exploratory

programs provide students an opportunity to discover the options available at ASU, and they are provided the time, resources and guidance needed to assess their skills, interests and aptitudes.

Declaring exploratory status permits students to begin meeting General Studies requirements that all ASU graduates must fulfill. The exploratory humanities, fine arts and design program allows students to take some time to explore a variety of academic courses that may lead to a potential major interest in these fields.

**Additional Program Fee:** N

**Second Language Requirement:** N

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** Students with fewer than 45 credit hours may declare this exploratory program. Students may not accrue more than 45 credit hours while they are an exploratory student.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASHUFAEXPL~null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Exploring humanities, fine arts and design on the global scale can be beneficial to students when narrowing their focus of study. While taking various general education courses through study abroad, students are able learn more about themselves and what career path they want to pursue.

Students earn ASU credit for completed courses while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. More information is available on the Global Education website (<https://goglobal.asu.edu/>).

**Career Opportunities:** Career opportunities are specific to the ultimate major of choice.

**Contact Information:**

Interdisciplinary Arts and Sciences, New College of

School of Humanities, Arts, and Cultural Studies

<https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASHUFAEXPL/undergrad/false/437>

FAB N101

[harcsadvising@asu.edu](mailto:harcsadvising@asu.edu)

602-543-3000

## Exploratory Social and Behavioral Sciences, (ASSBSEXPL)

**Campus:** West

**Program Description:** Many students are not ready to choose a specific academic program of study when first entering the university. Exploratory programs provide an opportunity to discover the options available at ASU.

Students are provided the time, resources and guidance needed to assess their skills, interests and aptitudes. Declaring exploratory status permits students to begin meeting General Studies requirements that all ASU graduates must fulfill. It also allows students to take some time to explore a

variety of academic courses that may lead to a potential major interest.

**Additional Program Fee:** N

**Second Language Requirement:** N

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** Students with fewer than 45 credit hours may declare this exploratory program. Students may not accrue more than 45 hours while they are an exploratory student.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASSBSEXPL~null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Exploring social and behavioral sciences on the global scale can be beneficial to students in narrowing down their focus of study. While taking various general education courses abroad, students are able learn more about themselves and what career path they want to pursue. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. More information on available programs can be found on the Global Education website (<https://goglobal.asu.edu/>).

**Career Opportunities:** Career opportunities are specific to the ultimate major of choice.

**Contact Information:**

Interdisciplinary Arts and Sciences, New College of

School of Social and Behavioral Sciences

<https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASSBSEXPL/undergrad/false/437>

FAB N101

[sbsadvising@asu.edu](mailto:sbsadvising@asu.edu)

602-543-3000

## Forensic Science, BS (ASFOREBS)

**Campus:** West, Online

**Program Description:** Forensic science is the study and application of scientific methods to matters of law.

The BS degree program in forensic science at ASU is built on a solid foundation in both biology and chemistry, which develop students' basic and upper-level laboratory skills. Students complete holistic, rigorous coursework in the natural and mathematical sciences to adequately prepare for entering a competitive workforce. The interdisciplinary nature of the program is uniquely positioned to train students in forensic techniques ranging from crime scene collection, evidence analysis and mock courtroom testimony.

Along with completing coursework and gaining the necessary scientific skills to succeed in this field, students have the opportunity to gain practical experience in a laboratory setting by being involved in research or an internship. Students can conduct research under experts of varying forensic fields, including biology, entomology and anthropology. Students also may seek to apply for and participate in forensic science internships sponsored by crime labs around the country. Internships are highly competitive.

Job applicants and students seeking a volunteer or internship position within a crime lab are required to undergo an extensive background check that includes a polygraph exam, fingerprinting and drug testing. Actions that can disqualify an applicant include recent or past illicit drug use (including marijuana), felony convictions and drunk driving convictions.

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 210 - Brief Calculus or MAT 251 Calculus for Life Sciences

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/forensic-science-degree/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASFOREBS~null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Students can learn about science and law enforcement in other countries through study abroad. Being immersed in another culture broadens horizons and develops professional skills such as cross-cultural communication and critical thinking.

With more than 300 options available, Global Education programs (<https://goglobal.asu.edu/>) allow students to tailor their educational experience to their unique interests and skill sets. Whether in a foreign country, in the U.S. or online, students in the New College of Interdisciplinary Arts and Sciences can explore how their varied fields and interests interact in different settings around the world.

**Career Opportunities:** Scientific and technological advances in the field of forensic science as well as continually increasing caseloads in law enforcement are projected to increase the number of forensic science technicians needed over the next decade. The U.S. Bureau of Labor Statistics estimates that between 2016 and 2026 employment of forensic science technicians will increase 17%, an average increase much greater than in most occupations.

Graduates of the forensic science program are prepared to enter the workforce in crime labs and private forensic science labs at the local, state and federal levels. Graduates also are prepared for graduate programs in forensic science, law school, medical school and related fields.

**Contact Information:**

Interdisciplinary Arts and Sciences, New College of  
School of Interdisciplinary Forensics  
<https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASFOREBS/undergrad/false/1>  
FAB N101  
sifadvising@asu.edu  
602-543-3000

## Gender, Women and Sexuality Studies, BS (ASWSTBS)

**Campus:** West

**Program Description:** The BS degree program in gender, women and sexuality studies is an interdisciplinary academic program. Students examine the cultural and social construction of gender; explore the history, experiences and contributions of women to society; and study the influences of gender at a micro and macro level.

Consistent with the university's design imperatives of social embeddedness and use-inspired research, the program's course offerings, research initiatives and cocurricular programs further the understanding of women and gender and promote social justice. Students gain a solid knowledge base and educational foundation as well as the critical thinking skills necessary for dealing with changing gender roles in society.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** N

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics OR any math course that meets the MA designation

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

- Communication Studies, MA
- English, MA
- Interdisciplinary Studies, MA
- Social Justice and Human Rights, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASWSTBS~null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.



ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Students can explore the impact of culture, race, religion and law on gender norms and equality through one of more than 300 unique study abroad experiences. Study abroad programs offer students a global perspective and knowledge in preparation for their future-focused career.

Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. More information is available on the Global Education website (<https://goglobal.asu.edu/>).

**Career Opportunities:** Graduates are prepared for further study in graduate or professional programs as well as for careers in a variety of settings, including health care services, human resources development, public and business administration and social services.

**Contact Information:**

Interdisciplinary Arts and Sciences, New College of  
School of Humanities, Arts, and Cultural Studies  
<https://newcollege.asu.edu/women-and-gender-studies>  
FAB N101  
harc sadvising@asu.edu  
602-543-3000

## History, BA (ASHISBA)

**Campus:** West

**Program Description:** The BA degree program in history introduces students to a broad span of history that covers the ancient world through the modern period and extends from Europe to Latin America and the United States.

In addition to learning about the origins and development of various peoples, ideas and institutions of the past, students engage in the practice of history by learning to conduct research, analyze historical evidence and formulate arguments using historiographical perspectives and methodological approaches.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** N

**Second Language Requirement:** N

**First Required Math Course:** Any math course that meets the MA designation.

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

- Communication Studies, MA
- English, MA
- Interdisciplinary Studies, MA
- Social Justice and Human Rights, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)  
International (<https://admission.asu.edu/international/undergrad-apply>)  
Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors. Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASHISBA~null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Study abroad (<https://goglobal.asu.edu/>) provides students studying history a great opportunity for visiting historical sites elsewhere in the world. Students gain a better understanding of the history of other regions when living in them and seeing the marks the past has left behind. History students can pursue opportunities that enable them to hear firsthand from locals living in different regions and to experience different perspectives on the past.

**Career Opportunities:** Graduates of this program are prepared for graduate study, for professional degree programs and for careers in which critical thinking, research and writing skills are highly valued, such as journalism, editing, law and civil service.

**Contact Information:**

Interdisciplinary Arts and Sciences, New College of  
School of Humanities, Arts, and Cultural Studies  
<https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASHISBA/undergrad/false/437>  
FAB N101  
harc sadvising@asu.edu  
602-543-3000

## History (Secondary Education), BA (ASHISSEBA)

**Campus:** West

**Program Description:** The flexible BA degree program in history with a concentration in secondary education fully prepares students considering a career in education for teaching and certification and provides all the disciplinary knowledge of a traditional history degree. Students understand history in all its depth while developing strong critical reading, writing and research skills as well as skills in oral presentation.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** N

**Second Language Requirement:** Yes

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:  
All students are required to meet general university admission requirements.  
Freshman (<https://admission.asu.edu/freshman/apply>)  
Transfer (<https://admission.asu.edu/transfer/apply>)  
International (<https://admission.asu.edu/international/undergrad-apply>)  
Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASHISSEBA~null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Study abroad (<https://goglobal.asu.edu/>) is a great opportunity for students studying history who wish to eventually become educators of the subject. Students can gain a better understanding of the past by studying the history of a place while living there. History students can hear narratives from locals in different regions of the world and experience a different perspective of the past, both of which can be present when educating their own students in their future classrooms.

**Career Opportunities:** Graduates possess the strong, practical teaching tools necessary to successfully teach middle or high school students. With the ability to find and evaluate evidence, form arguments and present analysis, graduates also are well suited for careers in a wide range of industries and fields of work, and they have a solid foundation for graduate work in teaching, law, business and many other fields.

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

**Contact Information:**

Interdisciplinary Arts and Sciences, New College of  
School of Humanities, Arts, and Cultural Studies

<https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASHISSEBA/undergrad/false/437>

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harcsadvising@asu.edu

602-543-3000

## Interdisciplinary Arts and Performance, BA (ASIAPBA)

**Campus:** West, Online

Accelerated options for this program are not currently available to ASU Online students.

**Program Description:** The BA program in interdisciplinary arts and performance is leading the way in interdisciplinary arts nationally, breaking traditional boundaries and allowing students to take their talents to new heights. Throughout the curriculum, the emphasis on interdisciplinary arts is continually inclusive, expanding, evolving and innovative, allowing students the ability to shape their own unique creative pathways.

Students in both the online and immersion programs engage with nationally and internationally known faculty in collaborative investigation of many artistic disciplines in preparation for the complex and changing world through current approaches to aesthetic innovation.

Students in this major engage in practical and theoretical studies of visual, sonic, performance, game and interactive arts to become versatile artists.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** N

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Communication Studies, MA  
English, MA  
Interdisciplinary Studies (Interdisciplinary Arts and Performance), MA  
Interdisciplinary Studies, MA  
Social Justice and Human Rights, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASIAPBA~null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Performance and art transcend the boundaries of language and culture. Through unique study abroad experiences, interdisciplinary arts and performance students are able to deepen their understanding of their field and acquire a global lens on the influence of culture on their art.

Students can achieve heightened cultural competency and communication and critical thinking skills in any of the more than 300 study abroad programs available. More information is available on the Global Education Office website (<https://goglobal.asu.edu/>).

**Career Opportunities:** Graduates of the interdisciplinary arts and performance program have received extensive preparation for advanced education or careers as artists, performers and creative professionals. They have a solid foundation on which to pursue their dream in their chosen creative field. With skill sets that prepare them for professional and entrepreneurial opportunities, graduates tap into evolving professions and the expanding field of art practice.

Since 1992, graduates of the Bachelor of Arts program in interdisciplinary arts and performance have gone on to many different occupations, such as:

- art administrator
- arts writer, scholar and critic
- composer and sound artist
- digital designer
- film and video editor
- recording artist
- theatre artist
- video and board game designer

- videographer
- visual artist in multiple mediums

**Contact Information:**

Interdisciplinary Arts and Sciences, New College of  
School of Humanities, Arts, and Cultural Studies  
<https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASIAPBA/undergrad/false/437>  
FAB N101  
harcadvising@asu.edu  
602-543-3000

## Interdisciplinary Arts and Sciences, BA (ASIASBA)

**Campus:** West

**Program Description:** The BA program in interdisciplinary arts and sciences allows students to build a flexible, customized degree that is unique to their specific career goals.

Students tailor their programs emphasizing interdisciplinary study combined with a specific area of concentration (e.g., business, communication studies, English, gerontology, history, psychology or preprofessional studies). For example, a business degree with an emphasis in communications can lead to employment opportunities that aren't as easily accessed by a traditional business degree alone. By providing the opportunity to combine disciplines, New College equips students with the specialized education they need to reach their individual career goals.

This degree program culminates in a capstone internship experience that provides a real-world perspective, skills and connections, creating versatile graduates and attractive job applicants for the corporate world.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** N

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

Communication Studies, MA  
English, MA  
Global Management, MGM  
Interdisciplinary Studies, MA  
Social Justice and Human Rights, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASIASBA~null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Study abroad (<https://goglobal.asu.edu/>) allows students to gain valuable, unforgettable experiences that will enhance their resumes. With more than 300 study abroad programs, students are able to tailor their experience to their personal goals and skill sets. Students in the interdisciplinary arts and sciences program gain heightened cultural competency, communication and critical thinking skills when studying abroad --- skills that prepare them to lead in a future-focused career.

**Career Opportunities:** Graduates are prepared to make the transition smoothly to graduate school or postbaccalaureate employment in:

- business settings
- community settings
- cultural settings
- educational settings
- social sciences and human service settings

Those who plan to pursue graduate or professional degrees in law, business, helping professions or in traditional disciplines benefit from the flexibility of this program that prepares them for a broad range of future academic and career pursuits.

**Contact Information:**

Interdisciplinary Arts and Sciences, New College of  
School of Humanities, Arts, and Cultural Studies  
<https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASIASBA/undergrad/false/437>  
FAB N101  
harc sadvising@asu.edu  
602-543-3000

## Latin American Studies, BA (ASLASBA)

**Campus:** West

**Program Description:** The BA program in Latin American studies offers a learner-driven model in which the student's specific interests are deepened through the study of Latin America cultures, histories, politics and linguistic expressions. It is interdisciplinary and allows for flexibility in course selection while also instilling a breadth and depth of knowledge about issues surrounding Latin America.

This degree program encourages cross-cultural exploration, preparing students for a global-minded career path.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** N

**Second Language Requirement:** Yes

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Communication Studies, MA  
English, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

#### **Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASLASBA-null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Global Opportunities:**

Global Experience: Studying abroad (<https://goglobal.asu.edu/>) is a great way for Latin American studies students to learn firsthand about the culture, language and food of their area of study. When studying in a Latin American country, students are able to immerse themselves in the culture to gain a greater understanding of that country and its people. They also acquire heightened cultural competency, communication, and critical thinking skills that will be valuable assets for their future careers.

**Career Opportunities:** Graduates are prepared for further study in graduate or professional schools and in dual-language environments, including:

- arts and arts administration
- business and finance
- counseling
- diplomacy
- education
- journalism
- ministry
- nonprofit organizations and advocacy
- public policy
- technology

#### **Contact Information:**

Interdisciplinary Arts and Sciences, New College of

School of Humanities, Arts, and Cultural Studies

<https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASLASBA/undergrad/false/437>

FAB N101

[harcsadvising@asu.edu](mailto:harcsadvising@asu.edu)

602-543-3000

## **Pharmacology and Toxicology, BS (ASPTXBS)**

**Campus:** West, Online

**Program Description:** Students in the BS degree program in pharmacology and toxicology study how foreign materials react with human bodies. To have a thorough understanding of the interactions of chemicals in the biological system, students in the program study both biology and chemistry, and they become familiar with chemical interactions at physiological, molecular and cellular levels.

#### **STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the

STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 210 - Brief Calculus or MAT 251 Calculus for Life Sciences

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Biological Data Science, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/pharmacology-toxicology-bs/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASPTXBS-null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Students gain valuable experience when they study abroad (<https://goglobal.asu.edu/>), experience that enhances their resume. With more than 300 programs available, students can tailor their educational experience to their unique interests and skill sets. Pharmacology and toxicology students are able to expand their knowledge of how science impacts society in a variety of cultures.

**Career Opportunities:** With a heavy focus on experiential learning within the laboratory, graduates of the pharmacology and toxicology degree program are better prepared for careers in diverse areas such as government, industry, health care and business and for a number of career paths,



including:

- environmental risk assessor or consultant
- laboratory researcher
- pharmacist
- physician
- physician's assistant
- toxicologist
- veterinarian

Graduates also may work at governmental agencies or at private companies in areas such as:

- Arizona Department of Environmental Quality
- city government
- clinical trials
- Environmental Protection Agency
- product safety evaluation
- regulatory affairs
- teaching

**Contact Information:**

Interdisciplinary Arts and Sciences, New College of  
School of Mathematical and Natural Sciences

<https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASPTXBS/undergrad/false/437>

FAB N101

[mnsadvising@asu.edu](mailto:mnsadvising@asu.edu)

602-543-3000

## Philosophy, Religion and Society, BA (ASRELBA)

**Campus:** West

**Program Description:** The BA degree program in philosophy, religion and society comprises historical, theoretical and practical perspectives on philosophy, religion and social ethics, and it emphasizes social and political concerns by putting the studies of philosophy and religion into action.

This interdisciplinary degree program offers three areas of concentration: applied ethics, continental philosophy and religious studies.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** N

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

Communication Studies, MA

English, MA

Global Management, MGM

Interdisciplinary Studies, MA

Social Justice and Human Rights, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASRELBA~null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Philosophy, religion and society are the backbone of any culture. Through study abroad, students can gain a firsthand perspective of the power of philosophy and religion in societies.

With more than 300 programs offered around the globe, students can tailor their experience to fit their specific goals and skill sets as they deepen their understanding of the human experience in diverse cultures. More information is available on the Global Education website (<https://goglobal.asu.edu/>).

**Career Opportunities:** Graduates are prepared for graduate study or employment in the fields explored through their required internships, including business, criminal justice, politics, education, government, human resources, law enforcement, law, media, medicine, religious organizations and social services.

**Contact Information:**

Interdisciplinary Arts and Sciences, New College of

School of Humanities, Arts, and Cultural Studies

<https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASRELBA/undergrad/false/437>

FAB N101

[harcadvising@asu.edu](mailto:harcadvising@asu.edu)

602-543-3000

## Political Science, BA (ASPOLBA)

**Campus:** West, ASU at Lake Havasu

**Program Description:** Political science is the study of governmental practices, politics and theories. Coursework in the BA program in political science covers American institutions, international relations, political theory and world affairs.

The program helps students gain a basic understanding of the assumptions underlying political science, conduct meaningful research and formulate arguments. In addition to coursework, students learn through internships, service-learning and research opportunities.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** N

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

Communication Studies, MA  
Global Management, MGM  
Interdisciplinary Studies, MA  
Social Justice and Human Rights, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASPOLBA~null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Students can experience firsthand, through study abroad, the diverse political and social powers affecting communities around the globe. Students in political science can enhance their learning by gaining a global perspective on political theory and world affairs.

With more than 300 programs available, students can tailor their experience to their unique interests and skill sets. Programs exist in diverse countries, such as those ruled by communist and monarchical regimes. More information on available programs can be found on the Global Education website (<https://goglobal.asu.edu/>).

**Career Opportunities:** The political science program serves as a good precursor to staff, manager or policy analyst positions in local, state and federal government. This degree is recognized as qualification for many careers in business (for-profit and nonprofit) and industry. Work may include binational, cross-border positions linking U.S. and Mexican businesses, Arizona-Sonora local government or local community groups on both sides of the border.

Many students use the degree as a gateway to law school or other professional schools or as basis for further study in such fields as:

- community development
- political science
- public administration
- public policy
- social sciences
- urban affairs and urban and regional planning

**Contact Information:**

Interdisciplinary Arts and Sciences, New College of  
School of Social and Behavioral Sciences

<https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASPOLBA/undergrad/false/437>

FAB N101

[sbsadvising@asu.edu](mailto:sbsadvising@asu.edu)

602-543-3000

## Political Science, BS (ASPOLBS)

**Campus:** West

**Program Description:** The School of Social and Behavioral Sciences offers a BS in political science in the New College of Interdisciplinary Arts and Sciences.

Political science is the study of governmental practices, politics and theories. Coursework in the political science program covers American institutions, international relations, political theory and world affairs. This program helps students gain a basic understanding of the assumptions underlying political science and to develop the necessary research skills for analyzing complex sociopolitical issues. In addition to coursework, students learn through internships, service-learning and research opportunities.

The Bachelor of Science degree differs from the BA degree in that it requires an additional statistics course and a methods course.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** N

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

### **Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

### **Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

Communication Studies, MA

Global Management, MGM

Interdisciplinary Studies, MA

Social Justice and Human Rights, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

### **Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASPOLBS~null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

### **Global Opportunities:**

Global Experience: Students can experience firsthand, through study abroad, the diverse political and social powers affecting communities around the globe. Students in political science can enhance their learning by gaining a global perspective on political theory and world affairs.

With more than 300 programs available, students can tailor their experience to their unique interests and skill sets. Programs exist in diverse countries, such as those ruled by communist and monarchical regimes. More information is available on the Global Education website (<https://goglobal.asu.edu/>).

**Career Opportunities:** The political science curriculum provides a solid background for employment in a relevant profession. The program serves as a good precursor to staff, manager or policy analyst positions in local, state and federal governments. This degree is recognized as qualification for many careers in business (for-profit and nonprofit) and industry. Work may include binational, cross-border positions linking U.S. and Mexican businesses, Arizona-Sonora local governments or local community groups on both sides of the border.

Many students use the degree as a gateway to law school or other professional schools or basis for graduate study in such applied fields as:

- community development
- public administration
- public policy
- political science
- social sciences
- urban affairs
- urban and regional planning

**Contact Information:**

Interdisciplinary Arts and Sciences, New College of  
School of Social and Behavioral Sciences

<https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASPOLBS/undergrad/false/437>

FAB N101

sbsadvising@asu.edu

602-543-3000

## Psychology, BA (ASPGSBA)

**Campus:** West, ASU at Lake Havasu, Online

Available accelerated bachelor's/master's degree program options may vary by modality (online vs. on-campus). Students should contact their academic advisor for more information.

**Program Description:** Psychology is the scientific study of human behavior. This diverse field includes mental health and counseling as well as child development, neuroscience and brain function, memory and decision-making, behavior analysis, statistics and more. It also crosses over into other disciplines such as medicine, law, business and economics.

This BA program in psychology --- emphasizing critical thinking and reasoning, quantitative research methods and writing --- goes beyond the classroom, adding practical experiences through internships, service-learning and faculty-supervised research. (Some opportunities are not available to students enrolled in the degree offered through ASU Online.)

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** N

**Second Language Requirement:** N

**First Required Math Course:** MAT 119 - Finite Mathematics or MAT 170 Precalculus

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to choose a 3-year path while participating in the same high-quality educational experience of a 4-year option. Students can opt to fast-track their studies after acceptance into a participating program by connecting with their academic advisor. Fast track options appear at the top of the major map.

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

Communication Studies, MA  
Global Management, MGM

Interdisciplinary Studies, MA  
Psychology, MS  
Social Justice and Human Rights, MA  
Social Technologies, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-psychology/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASPGSBA~null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Through study abroad, students gain valuable experience that would enhance many career options.

Whether in a foreign country, in the U.S. or online, study abroad exposes students to unique differences in the human condition worldwide, challenges them to adapt to new social and cultural circumstances, and enables them to improve language and cross-cultural skills for effective communication.

With more than 300 Global Education programs (<https://goglobal.asu.edu>) available, students in the New College of Interdisciplinary Arts and Sciences can tailor their educational experience to their unique interests and skill sets and explore how their varied fields and interests interact in different settings around the world.

**Career Opportunities:** A degree in psychology prepares graduates for a career in:

- government (sales and marketing, human resources management)
- industry
- mental health professions (youth counselor, substance abuse counselor)
- social services (high school psychology teacher, occupational analyst)

The degree also provides an excellent foundation for graduate study in fields such as public administration, law, family studies, communication and the various graduate program fields in psychology:

- clinical and counseling
- cognitive neuroscience
- developmental
- environmental

- experimental
- health
- legal
- physiological
- social

**Contact Information:**

Interdisciplinary Arts and Sciences, New College of  
 School of Social and Behavioral Sciences  
<https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASPGSBA/undergrad/false/437>  
 FAB N101  
 sbsadvising@asu.edu  
 602-543-3000

**Psychology, BS (ASPGSBS)**

**Campus:** West, ASU at Lake Havasu, Online

Available accelerated bachelor's/master's degree program options may vary by modality (online vs. on-campus). Students should contact their academic advisor for more information.

**Program Description:** Psychology is the scientific study of human behavior. This diverse field includes mental health and counseling as well as child development, neuroscience and brain function, memory and decision-making, behavior analysis, and statistics and crosses into other disciplines such as medicine, law, business and economics.

Emphasizing critical thinking and reasoning and quantitative research methods and writing, this BS program in psychology goes beyond the classroom with practical experiences, through internships, service-learning and faculty-supervised research. (Some opportunities are not available to students enrolled in the degree offered through ASU Online.)

The Bachelor of Science degree differs from the Bachelor of Arts degree in that it requires additional lab coursework and advanced statistical training, providing a greater depth of knowledge in the biological and neuroscientific aspects of psychology that are increasingly important both for research and for clinical practice.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** N

**Second Language Requirement:** N

**First Required Math Course:** MAT 170 - Precalculus

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

- Communication Studies, MA
- Global Management, MGM
- Interdisciplinary Studies, MA
- Psychology, MS
- Social Justice and Human Rights, MA
- Social Technologies, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-psychology/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASPGSBS~null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Study abroad experience enables students in the psychology program to stand out in many career fields. Students gain exposure to unique differences in the human condition worldwide, are able to improve their language and cross-cultural skills for effective communication, and are challenged to adapt to new social and cultural circumstances.

With more than 300 options available, Global Education programs (<https://goglobal.asu.edu/>) allow students to tailor their educational experience to their unique interests and skill sets. Whether in a foreign country, in the U.S. or online, students in the New College of Interdisciplinary Arts and Sciences can explore how their varied fields and interests interact in different settings around the world.

**Career Opportunities:** Graduates are prepared for careers in:

- government (sales and marketing, human resources management)
- mental health professions (youth counselor, substance abuse counselor)
- social services (high school psychology teacher, occupational analyst)

The degree also provides an excellent foundation for graduate study in fields such as public administration, law, family studies, communication and the various graduate program fields in psychology:

- clinical and counseling
- cognitive neuroscience
- developmental
- environmental
- experimental
- physiological
- social

**Contact Information:**

Interdisciplinary Arts and Sciences, New College of  
School of Social and Behavioral Sciences

<https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASPGSBS/undergrad/false/3>

FAB N101

[sbsadvising@asu.edu](mailto:sbsadvising@asu.edu)

602-543-3000

## Psychology (Forensic Psychology), BA (ASPGSFPBA)

**Campus:** West, Online

Accelerated options for this program are not currently available to ASU Online students.

**Program Description:** Forensic psychology is the application of psychology to the law. The concentration in forensic psychology within the BA program in psychology combines general training in psychology with specialized coursework in criminal law, criminal behavior, the diagnosis and



treatment of mental disorders, and legal decision-making.

When courts are faced with cases in which a psychology related question arises, they may turn to psychologists for help with the case. For example, psychologists might assist the court in understanding a criminal's mental state at the time of a crime or in determining whether a particular jury might have been biased against a defendant based on his or her race. This is the realm of forensic psychology.

This program teaches students about the various roles for psychologists in the legal system and helps them discover which roles they might like to pursue through careers in mental health, criminal justice or through graduate training.

The Bachelor of Arts degree differs from the BS degree in that it does not require two additional lab science courses.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** N

**Second Language Requirement:** N

**First Required Math Course:** MAT 119 - Finite Mathematics or MAT 170 Precalculus

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Global Management, MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-psychology-forensic-psychology/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASPGSFPBA-null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Through study abroad, students in the psychology program acquire enhanced knowledge and experience that will enable them to stand out in many career fields. Study abroad students are exposed to unique differences in the human condition, are able to improve language and cross-cultural skills for effective communication, and are challenged to adapt under new social and cultural circumstances.

With more than 300 options available, Global Education programs (<https://goglobal.asu.edu/>) allow students to tailor their educational experience to their unique interests and skill sets. Whether in a foreign country, in the U.S. or online, students in the New College of Interdisciplinary Arts and Sciences can explore their varied fields and interests in different settings around the world.

**Career Opportunities:** Graduates of the Bachelor of Arts program in psychology with a concentration in forensic psychology are prepared for careers in the criminal justice and mental health fields. Many careers in psychology require graduate training, and the program's graduates are prepared for master's degree and doctoral programs in legal, clinical and forensic psychology.

**Contact Information:**

Interdisciplinary Arts and Sciences, New College of  
School of Interdisciplinary Forensics

<https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASPGSFPBA/undergrad/false/437>

FAB N101

sifadvising@asu.edu

602-543-3000

## Psychology (Forensic Psychology), BS (ASPGSFPBS)

**Campus:** West, Online

Accelerated options for this program are not currently available to ASU Online students.

**Program Description:** Forensic psychology is the application of psychology to the law. The concentration in forensic psychology within the BS program in psychology combines general training in psychology with specialized coursework in criminal law, criminal behavior, the diagnosis and treatment of mental disorders, and legal decision-making.

When courts are faced with cases in which a psychology-related question arises, they may turn to psychologists and ask for help with the case. For example, psychologists might assist the court in understanding a criminal's mental state at the time of a crime or whether a particular jury might have been biased against a defendant based on his or her race. This is the realm of forensic psychology.

This program teaches students about the various roles of psychologists in the legal system and helps them discover which roles they might like to pursue through careers in mental health, criminal justice or through graduate training.

The Bachelor of Science degree in psychology with a concentration in forensic psychology differs from the BA degree in that it requires additional lab coursework and advanced statistical training. The Bachelor of Science program provides a greater depth of knowledge in the biological and neuroscientific aspects of psychology that are becoming increasingly important both for research and clinical forensic practice.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** N

**Second Language Requirement:** N

**First Required Math Course:** MAT 170 - Precalculus

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Global Management, MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-psychology-forensic-psychology/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASPGSFPBS-null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Through study abroad (<https://goglobal.asu.edu/>), students in the psychology program acquire enhanced knowledge and experience that will enable them to stand out in many career fields. Students are exposed to unique differences in the human condition, are able to improve language and cross-cultural skills for effective communication, and are challenged to adapt under new social and cultural circumstances.

With more than 300 options available, Global Education programs allow students to tailor their educational experience to their unique interests and skill sets. Whether in a foreign country, in the U.S. or online, students in the New College of Interdisciplinary Arts and Sciences can explore how their varied fields and interests interact in different settings around the world.

**Career Opportunities:** Graduates are prepared for careers in the criminal justice and mental health fields. The advanced statistical training further prepares students for careers and graduate training involving psychological research, clinical research and legal policy research. Many careers in psychology require graduate training, and this program also is designed to prepare students for master's degree and doctoral programs in legal, clinical and forensic psychology.

**Contact Information:**

Interdisciplinary Arts and Sciences, New College of  
School of Interdisciplinary Forensics

<https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASPGSFPBS/undergrad/false/437>

FAB N101

[sifadvising@asu.edu](mailto:sifadvising@asu.edu)

602-543-3000

## Psychology (Positive Psychology), BA (ASPGSPBA)

**Campus:** West, Online

**Program Description:** Positive psychology is the scientific study of strengths and behaviors that enable individuals and communities to thrive. There is a rapidly growing body of research in the field of positive psychology with many applications to individual well-being, relationships, the workplace and every other life domain. Students in the BA program in psychology with a concentration in positive psychology gain the foundational knowledge and skills of a traditional psychology program, while focusing their studies on topics central to the field of positive psychology such as optimism, gratitude, coping mechanisms, resilience and mindfulness. Graduates of this program are prepared to apply evidence-based approaches to transform their own lives and the lives of others.

All New College psychology programs, including this positive psychology program, have a quantitative research focus, equipping students with skills in critical thinking, statistical analysis, and academic writing. The Bachelor of Science degree differs from the Bachelor of Arts degree in that it

requires additional lab science coursework and advanced statistical training, both of which are increasingly important for destinations in research or clinical practice. The Bachelor of Arts degree allows for exposure to a wider breadth of psychological and related topics through additional elective coursework. Both pathways provide a strong foundation for future graduate studies.

**Additional Program Fee:** N

**Second Language Requirement:** N

**First Required Math Course:** MAT 119 - Finite Mathematics or MAT 170 Precalculus

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/positive-psychology-ba/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASPGSPBA~null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Study abroad (<https://goglobal.asu.edu/>) allows students in the psychology program to stand out in many career fields. Students are exposed to unique differences in the human condition worldwide, are able to improve language and cross-cultural skills for effective communication, and are challenged to adapt under new social and cultural circumstances. With more than 300 options available, whether in a foreign country, in the U.S. or online, Global Education programs give students a global perspective and knowledge in preparation for their career.

**Career Opportunities:** Individuals with psychology degrees can go on to secure jobs across a wide range of fields including human resources, research, business and economics, law, health and mental health, and education.

Graduates are prepared for careers in:

- consumer relations and research
- employee training
- family support
- individual life coaching
- occupational analysis
- positive coaching in sports or organizations
- prevention education
- public or mental health program coordination
- youth development

The degree also provides an excellent foundation for graduate study in fields such as public administration, law, family studies, communication, social work and the various graduate program fields in psychology:

- clinical and counseling
- cognitive neuroscience
- developmental
- environmental
- experimental
- physiological
- social

**Contact Information:**

Interdisciplinary Arts and Sciences, New College of  
School of Social and Behavioral Sciences

<https://newcollege.asu.edu/ssbs>

FAB N100

[sbsadvising@asu.edu](mailto:sbsadvising@asu.edu)

602-543-3000

## Psychology (Positive Psychology), BS (ASPGSPPBS)

**Campus:** West, Online

**Program Description:** Positive psychology is the scientific study of strengths and behaviors that enable individuals and communities to thrive. There is a rapidly growing body of research in the field of positive psychology with many applications to individual well-being, relationships, the workplace and every other life domain. Students in the BS program in psychology with a concentration in positive psychology gain the foundational knowledge and skills of a traditional psychology program, while focusing their studies on topics central to the field of positive psychology such as optimism, gratitude, coping mechanisms, resilience, and mindfulness. Graduates of this program are prepared to apply evidence-based approaches to transform their own lives and the lives of others.

All New College psychology programs, including the positive psychology program, have a quantitative research focus, equipping students with skills in critical thinking, statistical analysis, and academic writing. The Bachelor of Science degree differs from the Bachelor of Arts degree in that it requires additional lab science coursework and advanced statistical training, both of which are increasingly important for destinations in research or clinical practice. The Bachelor of Arts degree allows for exposure to a wider breadth of psychological and related topics through additional elective coursework. Both pathways provide a strong foundation for future graduate studies.

**Additional Program Fee:** N

**Second Language Requirement:** N

**First Required Math Course:** MAT 170 - Precalculus

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/positive-psychology-bs/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students

take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASPGSPBS~null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Global Opportunities:**

Global Experience: Study abroad (<https://goglobal.asu.edu/>) allows students in the psychology program to stand out in many career fields. Students are exposed to unique differences in the human condition worldwide, are able to improve language and cross-cultural skills for effective communication, and are challenged to adapt under new social and cultural circumstances. With more than 300 options available, whether in a foreign country, in the U.S. or online, Global Education programs give students a global perspective and knowledge in preparation for their career.

**Career Opportunities:** Individuals with psychology degrees can go on to secure jobs across a wide range of fields including human resources, research, business and economics, law, health and mental health, and education.

Graduates are prepared for careers in:

- consumer relations and research
- employee training
- family support
- individual life coaching
- occupational analysis
- positive coaching in sports or organizations
- prevention education
- public or mental health program coordination
- youth development

The degree also provides an excellent foundation for graduate study in fields such as public administration, law, family studies, communication, social work, and the various graduate program fields in psychology:

- clinical and counseling
- cognitive neuroscience
- developmental
- environmental
- experimental
- physiological
- social

#### **Contact Information:**

Interdisciplinary Arts and Sciences, New College of  
School of Social and Behavioral Sciences

<https://newcollege.asu.edu/ssbs>

FAB N101

[sbsadvising@asu.edu](mailto:sbsadvising@asu.edu)

602-543-3000

## **Social Justice and Human Rights, BA (ASJHRBA)**

**Campus:** West, Online

**Program Description:** The BA program in social justice and human rights at ASU's New College of Interdisciplinary Arts and Sciences spans both the social sciences and the humanities to prepare students to meet the challenges of social justice and protection of human rights in local, national, international and global contexts.

Coursework prepares students to serve as advocates for alleviating political, economic and social inequality. The degree program introduces students to principles and practices of everyday humanitarianism, multimedia advocacy, and theories and practices of social justice and human rights.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who

select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** N

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

Communication Studies, MA

Global Management, MGM

Social Justice and Human Rights, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/social-justice-and-human-rights-ba/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASJHRBA-null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Students are able to deepen their understanding of global human rights through study abroad. With more than 300 programs available, students can tailor their educational experience to their unique interests and skill sets. Students can explore the influence of culture, law, race and religion on a global scale in order to prepare them to make an impact for social justice and human rights.

More information on available programs can be found on the Global Education website (<https://goglobal.asu.edu/>).

**Career Opportunities:** Graduates with this degree are employable in a variety of settings, including refugee resettlement agencies; agencies and shelters supporting survivors of domestic abuse; shelters for migrants, especially for unaccompanied minors; disaster relief agencies; organizations

assisting survivors of sex trafficking and human labor trafficking; and agencies assisting veterans. Career opportunities include:

- charitable fundraiser (e.g., Nina M. Pulliam Charitable Trust staff)
- grant writer
- humanitarian aid worker (e.g., U.N. High Commissioner for Human Rights aid worker, Oxfam aid worker)
- human rights lawyer
- international governmental organization professional (e.g., United Nations staff)
- investigative journalist
- lobbyist for human rights and social justice causes
- nongovernmental organization professional (e.g., Amnesty International professional)
- nonprofit agency manager (e.g., Special Olympics Arizona, international manager)
- public policy researcher

**Contact Information:**

Interdisciplinary Arts and Sciences, New College of  
School of Social and Behavioral Sciences  
<https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASJHRBA/undergrad/false/437>  
FAB N101  
sbsadvising@asu.edu  
602-543-3000

## Social and Behavioral Sciences, BA (ASSBSBA)

**Campus:** West

**Program Description:** The BA degree program in social and behavioral sciences provides an understanding of assumptions underlying the social and behavioral sciences, develops students' research skills for analysis of complex social issues, offers a flexible program tailored to the career goals of the individual student, and offers individual and group experiences in working with faculty on concrete intellectual and policy issues.

The core courses provide students with the requisite background that enables them to better understand psychological and social principles related to the behavior of individuals across multiple social contexts and institutions.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** N

**Second Language Requirement:** N

**First Required Math Course:** Any math course that meets the MA designation.

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

- Communication Studies, MA
- Global Management, MGM
- Interdisciplinary Studies, MA
- Social Justice and Human Rights, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)



Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASSBSBA~null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Exploring social and behavioral sciences on the global scale can be beneficial to students in providing understanding of assumptions made about individuals and society. Students studying abroad can develop research skills from firsthand experiences inside and outside of the classroom, using them to analyze complex social issues that affect themselves and those around them domestically and internationally.

More information on available programs can be found on the Global Education website (<https://goglobal.asu.edu/>).

**Career Opportunities:** This interdisciplinary degree is an excellent option, meshing with the individual's interests and fulfilling many employers' expectations of a bachelor's degree, by exposing the student to a variety of outlooks and challenges. Such a degree is competitive in most situations in which the disciplinary social and behavioral degrees are accepted, and it is advantageous when seeking entry to broad professional programs such as regional planning or urban studies.

Graduates of this degree program have a solid background in social sciences and methodologies that prepares them for graduate work in community development, counseling, criminal justice, professional schools (e.g., law, public administration, social work), public policy, social science disciplines and urban studies or planning.

Careers include:

- advocate (e.g., immigration, children's, victim's)
- community developer
- human relations officer
- lawyer
- lobbyist
- mediator
- nonprofit manager
- social services case worker
- statistical analyst
- urban planner

**Contact Information:**

Interdisciplinary Arts and Sciences, New College of  
School of Social and Behavioral Sciences

<https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASSBSBA/undergrad/false/437>

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## Social and Behavioral Sciences, BS (ASSBSBS)

**Campus:** West

**Program Description:** The curriculum of the BS degree program in social and behavioral sciences provides an understanding of assumptions underlying the social and behavioral sciences, enables students to develop research skills necessary for analysis of complex social issues, offers a flexible program tailored to the career goals of the individual student, and offers individual and group experiences in working with faculty on concrete intellectual and policy issues.

The core courses provide students with the requisite background that enables them to better understand psychological and social principles related to the behavior of individuals across multiple social contexts and institutions (e.g., community, culture, family and society).

The Bachelor of Science degree differs from the BA degree in that it has a stronger focus on the use of statistics.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** N

**Second Language Requirement:** N

**First Required Math Course:** Any math course that meets the MA designation.

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

Communication Studies, MA

Global Management, MGM

Interdisciplinary Studies, MA

Social Justice and Human Rights, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASSBSBS~null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Exploring social and behavioral sciences on the global scale can be beneficial to students; they gain an understanding of assumptions made about individuals and society. Students studying abroad can develop research skills from firsthand experiences inside and outside of the classroom and use those skills to analyze complex social issues that affect them and others elsewhere. More information about study abroad programs is available on the Global Education website (<https://goglobal.asu.edu/>).

**Career Opportunities:** The interdisciplinary degree is an excellent option that matches the individual's interests and fulfills many employers' expectations of a bachelor's degree, namely that it should expose the student to a variety of outlooks and challenges.

Such a degree is competitive in most situations in which the disciplinary social and behavioral degrees are accepted, and it is advantageous when seeking entry to a breadth of professional programs such as regional planning or urban studies.

The degree program also provides a solid background in social sciences and methodologies, preparing students for graduate work in community development, counseling, criminal justice, professional schools (e.g., law, public administration, social work), public policy, social science

disciplines, and urban studies or planning.

Possible careers include:

- advocate (e.g., immigration, children's, victim's)
- community developer
- human relations officer
- lawyer
- lobbyist
- mediator
- nonprofit manager
- social services case worker
- statistical analyst
- urban planner

**Contact Information:**

Interdisciplinary Arts and Sciences, New College of  
School of Social and Behavioral Sciences

<https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASSBSBS/undergrad/false/3>

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## Social and Cultural Analysis (American Studies), BA (ASSCAASBA)

**Campus:** West

**Program Description:** The BA program in social and cultural analysis with a concentration in American studies engages in the transdisciplinary and comparative study of the United States as a cultural and political site of ongoing change and conflict.

Students learn diverse methods of analyzing nationalist politics, public and private cultural practices, transnationalism and the nation making processes of migration, in keeping with the creative and critical scholarship of the discipline. The curriculum also brings attention to identity formations around gender, sexuality, race and ethnicity.

As a transdisciplinary field, American studies unites the social sciences, the humanities and the arts to stimulate students into engaging in rigorous and adventurous conversations about American culture, politics and history. Students explore knowledge beyond disciplinary boundaries by bringing differing perspectives and understandings into dialogue with one another and generating a unique level of intellectual rigor and excitement.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** N

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

English, MA

Social Justice and Human Rights, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASSCAASBA-null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Global Opportunities:**

Global Experience: Students can learn to put the United States in a global context through a faculty-directed study abroad program (<https://goglobal.asu.edu/>) that explores culture, borders and politics. Executing cross-cultural communication develops career skills that are in demand by employers. Students can stay on track academically by earning ASU credit for completed courses in one of more than 300 programs available.

**Career Opportunities:** Due to the emphasis on culture and identity, students develop respect for and sensitivity to diverse populations. Graduates of this program are prepared for graduate work as well as for careers in government, education, business and nonprofit organizations, with skills and knowledge that enable them to flourish in areas as varied as:

- civil rights organizations
- colleges and universities
- corporations
- government agencies
- law firms
- libraries
- museums
- nonprofit organizations
- Peace Corps
- political action groups
- public relation firms
- research organizations
- social service agencies

#### **Contact Information:**

Interdisciplinary Arts and Sciences, New College of

School of Humanities, Arts, and Cultural Studies

<https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASSCAASBA/undergrad/false/437>

FAB N101

[harcsadvising@asu.edu](mailto:harcsadvising@asu.edu)

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## **Social and Cultural Analysis (Ethnicity, Race and Indigenous Studies), BA (ASSCAERBA)**

**Campus:** West

**Program Description:** The BA program in social and cultural analysis with a concentration in ethnicity, race and Indigenous studies combines transdisciplinary topics and methods for critical analysis of relationships among individuals, groups, institutions, governments, economies and environments.

The program enriches the study of individual racialized and Indigenous groups by drawing upon theories, methods and pedagogies in ethnicity, race and Indigenous studies while engaging complementary fields of literature, history, sociology, oral history, sexuality, queer studies, social justice, and transnational and cultural studies. Coursework grounds the students in a deep understanding of the particular historical, social, economic, cultural and political experiences of individual racialized groups as well as in an analysis of the relationships among them.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who

select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** N

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

English, MA

Social Justice and Human Rights, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASSCAERBA~null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Ethnicity and race are at the core of culture, impacting everything from societal structure to religious norms. Studying abroad allows students to deepen their understanding of global ethnicities through firsthand experience. Students can explore the impact of culture, religion and law in the world's diverse ethnic environments.

With over 300 options available, Global Education programs (<https://goglobal.asu.edu/>) allow students to tailor their educational experience to their unique interests and skill sets. Whether in a foreign country, in the U.S. or online, students in the New College of Interdisciplinary Arts and Sciences can explore how their varied fields and interests interact in different settings around the world.

**Career Opportunities:** Due to the program's emphasis on culture and identity, students develop respect for and sensitivity to diverse populations, enabling them as graduates to flourish in areas as varied as:

- civil rights organizations
- colleges and universities
- government agencies
- libraries
- museums
- nonprofit organizations
- Peace Corps

- political action groups
- research organizations
- social service agencies

Graduates of this program are prepared with the skills and knowledge necessary for graduate work as well as for careers in government, education, business and nonprofit organizations.

**Contact Information:**

Interdisciplinary Arts and Sciences, New College of  
School of Humanities, Arts, and Cultural Studies

<https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASSCAERBA/undergrad/false/437>

FAB N101

harc sadvising@asu.edu

602-543-3000

## Social and Cultural Analysis (Latin American Studies), BA (ASSCALABA)

**Campus:** West

**Program Description:** The BA degree program in social and cultural analysis with a concentration in Latin American studies provides a broad and vibrant framework for studying the diverse societies of Latin America, including diasporic communities. The program provides opportunities for cross-cultural study and takes a robust, transdisciplinary approach to the literature, film, history, politics and culture of both Latin America and Latinas and Latinos living in the United States.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** N

**Second Language Requirement:** Yes

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

English, MA

Social Justice and Human Rights, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASSCALABA-null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: With programs across Latin America, study abroad students have the opportunity to immerse themselves in the very cultures they are studying. Students deepen their understanding of Latin American cultures and can gain a greater appreciation for them when studying abroad, all while enhancing their resumes with heightened cultural competency, critical thinking and communication skills. More information on available programs can be found on the Global Education website (<https://goglobal.asu.edu/>).

**Career Opportunities:** Due to the program's emphasis on culture and identity, students develop respect for and sensitivity to diverse populations, enabling them as graduates to flourish in areas as varied as:

- civil rights organizations
- colleges and universities
- government agencies
- libraries
- museums
- nonprofit organizations
- Peace Corps
- political action groups
- research organizations
- social service agencies

Graduates of this program are prepared with the skills and knowledge necessary for graduate work as well as for careers in public service, education, business, humanitarian work, law or health care.

**Contact Information:**

Interdisciplinary Arts and Sciences, New College of  
School of Humanities, Arts, and Cultural Studies

<https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASSCALABA/undergrad/false/437>

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## Social and Cultural Analysis (Peace Studies), BA (ASSCAPSBA)

**Campus:** West

**Program Description:** The BA degree program in social and cultural analysis with a concentration in peace studies is a unique, transdisciplinary offering that fosters a critical investigation of peace. It does so primarily through a humanities lens, but not exclusively, and it provides an analysis of peace in connection with issues such as gender, ethnicity, race and religion.

Students learn many perspectives on peace and approaches to it, including theories and practices of peace building, nonviolence, and conflict avoidance and resolution. The program builds on the expertise of faculty in the humanities and social sciences in fields such as history, linguistics, literature, ethics, philosophy, sociology, ethnic studies, and women and gender studies.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** N

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

English, MA  
Social Justice and Human Rights, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASSCAPSBA-null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Students can observe the impacts of peace and war on cultures and communities across the globe. Study abroad, with more than 300 unique experiences, allows students of peace studies to deepen their understanding of global peace through exploration of the impact of culture, race, religion and law on peace-building. More information is available on the Global Education website (<https://goglobal.asu.edu/>).

**Career Opportunities:** There is a growing concern for peace building within social and political institutions. As a consequence, numerous jobs now exist in peace-related sectors. The program's emphasis on the social aspects of peace, diversity and identity provides graduates with an awareness of the needs of diverse populations and the discourses that help create a culture of peace.

Graduates possess the skills and knowledge necessary for graduate work as well as for professional and personal advancement in education, writing, policy, law, cross-cultural communication, and ethics. Their knowledge can be applied in careers in government, education, business and nonprofit organizations and in areas as diverse as the following:

- civil rights organizations
- colleges and universities
- government agencies
- libraries
- museums
- nonprofit organizations
- the Peace Corps
- political action groups
- research organizations
- social service agencies

**Contact Information:**

Interdisciplinary Arts and Sciences, New College of

School of Humanities, Arts, and Cultural Studies

<https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASSCAPSBA/undergrad/false/437>

FAB N101

[harcsadvising@asu.edu](mailto:harcsadvising@asu.edu)

602-543-3000

## Social and Cultural Analysis (Queer and Sexuality Studies), BA (ASSCAQSBA)

**Campus:** West

**Program Description:** The BA degree program in social and cultural analysis with a concentration in queer and sexuality studies combines



transdisciplinary topics and methods to critically analyze the function of ideologies of sexuality, the history and present conditions of sexual identity formation, structural inequalities and queer resistance to those same inequalities and the diversity of LGBTQ communities.

Drawing from the premise that sex, gender and sexual orientation are both private experiences as well as profoundly political and public issues with important legal, social and cultural implications, the intellectual core of this program draws from theories, methods and pedagogies in queer theory and sexuality studies while engaging complementary fields of social justice, cultural studies, women's studies, gender studies, literature, history, sociology, psychology and transnational studies. Areas of emphasis include sexuality in culture, transnational queer studies, queer social movements and resistance, sexual fluidity, trans studies and critical heterosexualities.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** N

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

English, MA

Social Justice and Human Rights, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASSCAQSBA~null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Stigmas against sexualities are being broken down and challenged in societies across the globe, and study abroad allows students to deepen their understanding of LGBTQ treatment through firsthand experience.

Students can explore the impact of culture, race, religion and law on equality all over the world. With more than 300 options available, Global Education programs (<https://goglobal.asu.edu/>) allow students to tailor their educational experience to their unique interests and skill sets. Whether in a foreign country, in the U.S. or online, students in the New College of Interdisciplinary Arts and Sciences can explore their varied fields and interests in different settings around the world.

**Career Opportunities:** Due to the emphasis on culture and identity, the program cultivates respect for and sensitivity to diverse populations, and its graduates are prepared with the skills and knowledge necessary for graduate work as well as for careers in areas as varied as:

- civil rights organizations
- colleges and universities
- government agencies
- libraries
- museums
- nonprofit organizations
- Peace Corps
- political action groups
- research organizations
- social service agencies

**Contact Information:**

Interdisciplinary Arts and Sciences, New College of  
School of Humanities, Arts, and Cultural Studies

<https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASSCAQSBA/undergrad/false/437>

FAB N101

harcadvising@asu.edu

602-543-3000

## Social and Cultural Analysis (Women and Gender Studies), BA (ASSCAWSBA)

**Campus:** West

**Program Description:** The BA degree program in social and cultural analysis with a concentration in women and gender studies offers students a transdisciplinary curriculum that focuses on the diverse experiences of women in both national and international contexts. The program also examines the meaning of gender as a socially constructed category that shapes personal identities, beliefs, opportunities and behaviors.

The wide range of classes explores the intersections of gender, race, class and sexuality; the institutional structures that have an impact on women's and men's lives; and the broad range of feminist theories that seek to explain and influence women's status in society. Areas of emphasis include gender and sexuality, critical race feminisms, gender and the borderlands, transnational feminisms, social activism and social movements, histories of feminism and critical embodiment studies.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** N

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

English, MA

Social Justice and Human Rights, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASSCAWSBA~null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Global Opportunities:**

**Global Experience:** Students can explore the impact of culture, race, religion and law on gender norms and equality through one of over 300 unique study abroad experiences. Study abroad programs offer a global perspective and knowledge, excellent preparation for a future-focused career.

Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. More information is available on the Global Education website (<https://goglobal.asu.edu/>).

**Career Opportunities:** Due to the program's emphasis on culture and identity, students develop respect for and sensitivity to diverse populations, enabling them as graduates to flourish in careers in areas as varied as:

- civil rights organizations
- colleges and universities
- government agencies
- libraries
- museums
- nonprofit organizations
- peace corps
- political action groups
- research organizations
- social service agencies

Graduates are prepared for careers in advocacy, politics and community-facing corporate roles as well as for graduate studies programs.

#### **Contact Information:**

Interdisciplinary Arts and Sciences, New College of  
School of Humanities, Arts, and Cultural Studies

<https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASSCAWSBA/undergrad/false/437>

FAB N101

harcadvising@asu.edu

602-543-3000

## **Sociology, BA (ASSOCBA)**

**Campus:** West, ASU at Lake Havasu

**Program Description:** Sociology is the study of the organization and development of societies and the institutions within them. The sociology program helps students better understand the development, structure, interaction and collective behavior of organized groups.

The program explores the theories, practices and policies underlying the issues of social change, inequality and diversity. This BA degree program in sociology provides students with training in important research skills used to describe, interpret and evaluate evidence across diverse settings important in the economy.

This is a flexible program that provides opportunities for students to work collaboratively with faculty on intellectual and policy issues and helps them develop the research skills necessary for the analysis of complex social issues.

The Bachelor of Arts differs from the BS in that it does not require an additional methods course.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees.

Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** N

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

Communication Studies, MA

Global Management, MGM

Interdisciplinary Studies, MA

Social Justice and Human Rights, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASSOCBA~null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Students are able to enhance their understanding of societal structure and human interaction through a global lens by studying abroad (<https://goglobal.asu.edu/>), and programs with unique cultural experiences can be found around the world. Students can gain heightened cultural competency and communication and critical thinking skills while exploring a new and exciting part of the world.

**Career Opportunities:** Graduates are prepared for employment in corporate or governmental organizations or to continue their studies in graduate programs in sociology, social science or professional schools. They are able to apply the sociological perspective to a wide variety of jobs in:

- business and management
- government
- health professions
- social services
- the criminal justice system

Coursework in sociology provides graduates with valuable preparation for careers in:

- journalism
- law

- nonprofit sector
- politics
- public administration
- public relations

These are all fields that involve investigative skills and an ability to work with diverse groups.

Graduates with an advanced degree in sociology may become:

- community activists
- community developers
- criminologists
- demographers
- gerontologists
- organizational advocate
- research analysts
- statisticians
- survey researchers
- urban planners

**Contact Information:**

Interdisciplinary Arts and Sciences, New College of  
 School of Social and Behavioral Sciences  
<https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASSOCBA/undergrad/false/437>  
 FAB N101  
 sbsadvising@asu.edu  
 602-543-3000

## Sociology, BS (ASSOCBS)

**Campus:** West

**Program Description:** Sociology is the study of the organization and development of societies and the institutions within them.

The BS degree program in sociology program helps students better understand the development, structure, interaction and collective behavior of organized groups. They explore the theories, practices and policies underlying the issues of social change, inequality and diversity. This sociology program provides training in the important research skills used to describe, interpret and evaluate evidence across diverse settings important in the economy.

This is a flexible program that provides opportunities for students to work collaboratively with faculty on intellectual and policy issues and helps them develop the research skills necessary for the analysis of complex social issues.

The Bachelor of Science differs from the Bachelor of Arts degree in that it requires an additional methods course.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** N

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

Communication Studies, MA  
 Global Management, MGM  
 Interdisciplinary Studies, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASSOCBS~null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Students are able to enhance their understanding of societal structure and human interaction through a global lens when studying abroad (<https://goglobal.asu.edu/>). Programs with unique cultural experiences can be found in many countries of the world, and students can gain heightened cultural competency and communication and critical thinking skills while exploring a new and exciting part of the globe.

**Career Opportunities:** Graduates are prepared for employment in corporate or governmental organizations or to continue their studies in graduate programs in sociology, social science or professional schools. They are able to apply the sociological perspective to a wide variety of jobs in:

- business and management
- government
- social services
- the criminal justice system
- the health professions
- the nonprofit sector

The program provides graduates valuable preparation for careers in:

- journalism
- politics
- public administration
- public relations

Graduates with an advanced degree in sociology and who have the investigative skills and ability to work with diverse groups may become:

- community activists
- community developers
- criminologists
- demographers
- gerontologists
- organizational advocates
- research analysts
- statisticians
- survey researchers
- urban planners

**Contact Information:**

Interdisciplinary Arts and Sciences, New College of

School of Social and Behavioral Sciences  
<https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASSOCBS/undergrad/false/437>  
FAB N101  
sbsadvising@asu.edu  
602-543-3000

## Spanish, BA (ASSPABA)

**Campus:** West

**Program Description:** The BA degree program in Spanish emphasizes language studies and examines the cultural production of Spanish-speaking communities, in Spanish.

This program provides students with the skills to confidently communicate in writing and orally. Students learn the history, arts, literature and cultures of Spanish-speaking countries.

Graduates are prepared for graduate study, specialized professional training, government careers and commercial and international careers.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** N

**Second Language Requirement:** Yes

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

### Concurrent Program Options:

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

### Accelerated Program Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

English, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

### Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

### Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASSPABA~null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

### Global Opportunities:

Global Experience: Study abroad enhances students' understanding of the diversity of the world and the way in which knowledge of such diversity

makes each person a better human being and citizen. Students are able to study in programs that provide immersion into Spanish-speaking cultures with a diverse array of individual and group experiences.

With more than 300 options available, Global Education programs (<https://goglobal.asu.edu>) allow students to tailor their educational experience to their unique interests and skills sets. Whether in a foreign country, in the U.S. or online, students in the New College of Interdisciplinary Arts and Sciences can explore their varied fields and interests in different settings.

**Career Opportunities:** The Spanish program offers excellent preparation for graduate school or for employment as a teacher in the elementary or secondary school system, especially in those districts where bilingual programs are integral to the curricula. Outside the education system, students majoring in Spanish find employment as translators and interpreters in:

- diplomatic corps
- federal and state courts
- law enforcement agencies
- law firms
- social agencies

The business world also provides employment for those fluent in Spanish. This is especially true in the American Southwest, with its proximity to Mexico and through outlets opened by multinational trade agreements.

**Contact Information:**

Interdisciplinary Arts and Sciences, New College of  
School of Humanities, Arts, and Cultural Studies

<https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASSPABA/undergrad/false/437>

FAB N101

harcadvising@asu.edu

602-543-3000

## Statistics, BS (ASSTABS)

**Campus:** West

**Program Description:** Almost every industry in the modern economy relies on the collection and analysis of data. The BS degree program in statistics prepares students to meet the demands of the ever-growing data analysis field and is a launching pad for a statistics-driven career.

Through innovative research opportunities and internships with Arizona corporations, including PING, students build a solid foundation of mathematics and computing, helping them grasp a thorough understanding of both theoretical and practical statistics.

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website.

The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 270 - Calculus w/Analytic Geometry I

**Program Math Intensity:** Substantial

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Biological Data Science, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply



(<https://acceleratedmasters.asu.edu/how-apply>).

#### **Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ASSTABS~null + &college=CAS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Global Opportunities:**

**Global Experience:** Students gain valuable experience when studying abroad. With more than 300 programs available, study abroad allows students to tailor their experience to their unique interests and skill sets. Statistics majors are able to gain hands-on experience in programs in a variety of countries around the world.

Graduates with the heightened cultural competency and the leadership and critical thinking skills they achieved through study abroad may stand out in any competitive field.

More information on available programs can be found on the Global Education website (<https://goglobal.asu.edu/>).

**Career Opportunities:** In the era of big data, there is great demand for individuals with all levels of statistical training. Graduates of this program have an understanding of the transdisciplinary nature of statistics and are prepared for graduate study in statistics and related areas or for entry-level positions in a variety of fields, including business, government, the natural and social sciences, engineering, health care and more.

Statisticians are in high demand in many areas of industry, government and academia. Some areas with particularly high demand include:

- finance
- manufacturing
- research
- marketing
- media
- medical
- pharmaceutical
- government policy

#### **Contact Information:**

Interdisciplinary Arts and Sciences, New College of

School of Mathematical and Natural Sciences

<https://newcollege.asu.edu/bachelors-degrees/majorinfo/ASSTABS/undergrad/false/437>

FAB N101

[mnsadvising@asu.edu](mailto:mnsadvising@asu.edu)

602-543-3000

## **Journalism and Mass Communication, Walter Cronkite School of**

### **Digital Audiences, BS (CSDIGABS)**

**Campus:** Downtown Phoenix, Online

**Program Description:** Virtually all companies and organizations are looking for professionals who know how to grow and engage audiences

online. The BS program in digital audiences prepares students to reach audiences strategically with digital content and demonstrate measurable growth. The program features unique, high-value courses covering paid social media campaigns, search engine optimization, audience engagement and digital analytics.

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics OR any math course that meets the MA designation

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/digital-audiences-bs/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=CSDIGABS~null + &college=CCS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Create an audience growth strategy using digital platforms.
- Use professional tools, technology, and techniques to measure audiences, content and behavior, and be prepared for analytics tasks in media careers.
- Use professional tools, technology, and techniques to evaluate effective, strategic social media campaigns and be prepared for paid and organic social media work in media careers.
- Use professional tools, technology, and techniques to evaluate effective, optimized content and campaigns for search engines, and be prepared for paid and organic search engine work in media careers.

**Global Opportunities:**

Global Experience: Study abroad exposes students to unique perspectives, opinions and audiences that consume digital content. Students should consider programs that utilize experiential learning with organizations like social media companies or PR firms in countries like Japan and the UK where millions consume digital content every day. More information on available programs can be found on the Global Education website.

**Career Opportunities:** Professionals with expertise in digital content strategy are in high demand across sectors and industries. Among the many career opportunities available are positions such as digital strategists, social media managers, public relations specialists, engagement managers, digital news editors, political campaign strategists, digital marketers, community organizers and corporate branding specialists.

**Contact Information:**

Journalism and Mass Communication, Walter Cronkite School of  
Walter Cronkite School of Journalism and Mass Comm  
<https://cronkite.asu.edu/programs/t5/majorinfo/ASU00/csdlgabs/>  
CRONK 222  
cronkiteadvising@asu.edu  
602-496-5055

## Digital Media Literacy, BA (CSDMLBA)

**Campus:** Online

**Program Description:** Organizations of all sizes, public and private, are learning to cope with unprecedented change in how people interact with and use information. The BA program in digital media literacy prepares students to be at the forefront of the important strategic and ethical issues related to digital media, including automation, verification, security and privacy.

Graduates of the program are able to use cutting-edge tools and tactics to analyze the context of the media people consume. They are able to verify and interpret information to make decisions that improve their own lives and that benefit the larger society.

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics OR any math course that meets the MA designation

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/digital-media-literacy/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=CSDMLBA~null + &college=CCS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Evaluate the accuracy and credibility of digital media sources and information.
  
- Participate in digital media networks actively, safely, and ethically.
  
- Evaluate the potential global impacts of future developments within information ecosystems.
- Evaluate the role of communication in a free society.

#### **Global Opportunities:**

Global Experience: With over 300 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad (<https://goglobal.asu.edu/>) is possible for all ASU students who wish to acquire a global perspective and knowledge in preparation for their career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs.

**Career Opportunities:** Graduates of this program pursue a variety of professional and educational opportunities. The program's liberal arts foundation --- including critical thinking, communication, research and problem solving --- gives students the intellectual agility to thrive in many fields. Specialization in the technical, ethical, legal, social and economic aspects of digital media is especially valuable, as employers of all sizes try to leverage digital media in serving consumers.

As organizations try to keep up with digital transformation and plan for the future, having a deep understanding of how digital ecosystems work is critical. Demand for graduates of digital media literacy in fields such as health care communication, public service and sustainability is anticipated to rise, and the U.S. Department of Labor categorizes many jobs in these areas as having a bright outlook in the job market.

Given increasing emphasis on teaching media literacy at every age level, graduates can expect to find employment opportunities in a variety of educational settings, and some students may pursue graduate school in disciplines such as education, library science, law, public policy, business, public relations, digital strategy and journalism.

#### **Contact Information:**

Journalism and Mass Communication, Walter Cronkite School of  
Walter Cronkite School of Journalism and Mass Comm  
<https://cronkite.asu.edu/programs/t5/majorinfo/ASU00/csdmlba/>  
CRONK 302  
cronkiteadvising@asu.edu  
602-496-5055

## **Journalism and Mass Communication, BA (CSJMCBA)**

**Campus:** Downtown Phoenix

**Program Description:** The BA program in journalism and mass communication at ASU's Walter Cronkite School of Journalism and Mass Communication, widely regarded as one of the nation's premier media schools, is a highly professional, hands-on degree program that prepares students for careers in mass communications.

Through access to a world-class faculty of journalists, communicators and scholars, and with prestigious internships and immersive learning opportunities, undergraduate students learn the values and principles at the core of the media professions, and they master the highly specialized, practical skills needed for success in today's digital world.

Topics of study can include digital media, broadcast news, innovation and entrepreneurship, audience engagement, social media, public relations and Spanish-language media. The Cronkite School's full-immersion professional programs afford students the opportunity to gain experience in activities like reporting the evening news on Arizona PBS and creating digital advertising campaigns.

High-performing students can apply to the school's accelerated bachelor's degree and master's degree program  
2023-24 Academic Catalog Archive

(<https://cronkite.asu.edu/accelerated-masters-degrees/>), which allows for the completion of both degrees in as few as four years. They also can become part of ASU's Barrett, The Honors College (<https://barretthonors.asu.edu/>).

**Additional Program Fee:** Y

**Second Language Requirement:** Yes

**First Required Math Course:** Any MAT course that satisfies the math requirement

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

Digital Audience Strategy, MS

Master of Mass Communication, MMC

Sports Journalism, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: English proficiency requirements (<https://admission.asu.edu/international/undergrad/english-proficiency>) for international student admission:

- TOEFL iBT: minimum score of 100 (internet-based test, taken in a testing center) or
- IELTS: minimum score of 7.0 or
- Pearson Test of English: minimum score of 73 or
- Duolingo English test: minimum score of 120

Transfer Admission Requirements: Transfer students (classified as those with 12 or more transfer credit hours after high school graduation) are required to have a cumulative transfer GPA of 3.00 or higher and no English competency deficiencies.

Transfer students with 24 or more transferable credit hours after high school graduation are required to have a cumulative transfer GPA of 3.00 or higher.

Transfer students should contact the school for additional steps after admission to ASU.

**Change of Major Requirements:** ASU students who would like to change their major to journalism and mass communication must have a minimum cumulative GPA of 3.00 in 12 or more credit hours of ASU courses that can be used to satisfy the Cronkite School's nonelective General Studies requirements. The course MCO 120 Media and Society, an introductory course for nonmajors, may count in place of JMC 110 Principles and History of Journalism.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=CSJMCBA~null + &college=CCS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Apply the principles of journalism, such as accuracy, fairness, timeliness, diversity and privacy, to their course requirements.
- Use the tools, technology, and techniques for content creation that adheres to accepted journalistic standards and practices, and prepares them for careers in media and communication.
- Create portfolios, which measure their integration of knowledge through tangible products in digital, social, audio, and video stories to demonstrate to potential employers their professional readiness.
- Understand and apply ethical, diversity, and legal standards relevant to the journalism industry and create culturally proficient communication.

#### **Global Opportunities:**

Global Experience: As the world grows more connected, an understanding of other cultures and places is imperative. Study abroad (<https://goglobal.asu.edu/>) exposes students to diverse opinions, new and challenging situations, and opportunities to explore a new country.

Journalism students are offered highly specialized programs that provide the classes and experiences they need, whether covering the Olympics or spending an entire semester abroad. An international experience on a resume can help a candidate stand out in a competitive field.

**Career Opportunities:** Graduates are prepared for a wide assortment of careers with the hands-on training they received in the program as well as in real, professional newsroom experiences.

Popular industries include:

- digital media content creation
- local, national or international news reporting
- radio and podcasting
- corporate and business communication
- social media
- videography and photography
- digital marketing
- public relations
- brand storytelling

Graduates are competitive candidates for many roles, including these:

- audience engagement specialist
- copy editor
- director
- magazine writer
- news anchor
- news reporter
- producer
- radio and podcast host
- videographer

#### **Contact Information:**

Journalism and Mass Communication, Walter Cronkite School of  
Walter Cronkite School of Journalism and Mass Comm  
<https://cronkite.asu.edu/programs/t5/majorinfo/ASU00/csjmcb/>  
CRONK 302  
attendcronkite@asu.edu  
602-496-5555

## **Mass Communication and Media Studies, BA (CSMCMSTBA)**

**Campus:** Downtown Phoenix, Online

**Program Description:** The BA in mass communication and media studies gives students a deep and nuanced understanding of the growing importance, power and influence of media around the world.

The program explores global mass communication issues from all dimensions: societal, cultural, historical, political, economic, technological and legal. Students learn how to critically analyze media, from news to sports to pop culture, and apply that understanding to the world around them.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics OR any math course that meets the MA designation

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to choose a 3-year path while participating in the same high-quality educational experience of a 4-year option. Students can opt to fast-track their studies after acceptance into a participating program by connecting with their academic advisor. Fast track options appear at the top of the major map.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-mass-communication-and-media-studies/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=CSMCMSTBA~null + &college=CCS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Evaluate the changing nature of media in the world from societal, cultural, historical, political, economic, technological, and legal dimensions.
- Evaluate the accuracy and credibility of media sources and information and media's impact on society.
- Evaluate media products, tools, digital platforms, and social networks and the digital audiences that comprise these platforms and networks.

**Global Opportunities:**

Global Experience: As the world grows more connected, an understanding of other cultures and places is imperative. Study abroad (<https://goglobal.asu.edu/>) helps students to understand how different cultures and the media actors that originate from those cultures interact and influence. Real-world experience in programs that observe and analyze international media, news culture and journalism prepare students for careers in which they will need to articulate well and utilize knowledge of multicultural communication styles.

**Career Opportunities:** A sophisticated understanding of mass communication is a critical asset for careers in business, government, community and the nonprofit sectors. Graduates have varied career opportunities, such as with:

- communications firms
- education institutions
- government entities
- political parties
- professional organizations
- publishing companies

Graduates also are prepared to pursue graduate studies in fields such as law, medicine, the arts, education and journalism.

**Contact Information:**

Journalism and Mass Communication, Walter Cronkite School of  
 Walter Cronkite School of Journalism and Mass Comm  
<https://cronkite.asu.edu/programs/t5/majorinfo/ASU00/csmcmstba/>  
 CRONK 222  
 cronkiteadvising@asu.edu  
 602-496-5055

## Sports Journalism, BA (CSSPJBA)

**Campus:** Downtown Phoenix

**Program Description:** Sports media is one of the fastest-growing sectors of the media industry, with continued growth across multimedia outlets; broadcast and cable channels and networks; radio and podcasting; and team, league and conferences websites and social media platforms.

The Walter Cronkite School of Journalism and Mass Communication's BA program in sports journalism gives students unparalleled preparation for careers in sports media and communications through courses such as sports writing, sports photography, sports strategic communications, broadcast sports reporting, live sports production, play-by-play, and ethics and diversity in sports.

During the sports journalism degree program, students complete a variety of professional experiences. Internship partners include professional sports teams from the Diamondbacks to the Suns; Arizona State University athletics; local, regional and national sports media outlets like ESPN, Bally Sports, Fox Sports, the Pac-12 Networks; and more. Sports journalism students also participate in the school's semester-long immersive learning experiences, working with sports clients in the Cronkite Agency, or report from sports bureaus in Phoenix and Los Angeles, where they cover teams and events in the NFL, MLB, NBA, WNBA, NHL, NASCAR, PGA, LPGA and Division I athletics.

High-performing students can apply to the school's accelerated bachelor's degree and master's degree program (<https://cronkite.asu.edu/accelerated-masters-degrees/>), which allows for the completion of both degrees in as few as four years. They also can become part of ASU's Barrett, The Honors College (<https://barretthonors.asu.edu/>).

**Additional Program Fee:** Y

**Second Language Requirement:** Yes

**First Required Math Course:** Any MAT course that satisfies the math requirement

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Master of Mass Communication, MMC

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)



Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: English proficiency requirements (<https://admission.asu.edu/international/undergrad/english-proficiency>) for international student admission:

- TOEFL iBT: minimum score of 100 (internet-based test, taken in a testing center) or
- IELTS: minimum score of 7.0 or
- Pearson Test of English: minimum score of 73 or
- Duolingo English test: minimum score of 120

Transfer Admission Requirements: Transfer students with 12 or more transfer credit hours after high school graduation are required to have a cumulative transfer GPA of 3.00 or higher and no English competency deficiencies. Transfer students should contact the school for additional steps after admission to ASU.

Transfer students with 24 or more transferable credit hours after high school graduation are required to have a cumulative transfer GPA of 3.00 or higher. Transfer students should contact the school for additional steps after admission to ASU.

**Change of Major Requirements:** ASU students who would like to change their majors to sports journalism must have at least a cumulative GPA of 3.00 in 12 or more credit hours of ASU courses that can be used to satisfy the Cronkite School's nonelective General Studies requirements. MCO 120, an introductory course for nonmajors, may count in place of JMC 110.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=CSSPJBA-null + &college=CCS>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Apply the principles of journalism, such as accuracy, fairness, timeliness, diversity and privacy, to their course requirements. (Shared)
- Create portfolios, which measure their integration of knowledge through tangible products in digital, social, audio, and video stories to demonstrate to potential employers their professional readiness. (Shared)
- Understand and apply ethical, diversity, and legal standards relevant to the journalism industry and create culturally proficient communication. (Shared)
- Use the tools, technology, and techniques for content creation that adheres to accepted journalistic standards and practices, and prepares them for careers in sports media and communication. (BA Sports Journalism program only)

#### **Global Opportunities:**

Global Experience: Sports and sports fans create one of the most globalized industries that unite cultures through passion for a favorite team, athlete or game. Study abroad programs (<https://goglobal.asu.edu/>) shed light on how amazing stories of sport, triumph and defeat connect us all. Students apply real-world skills and learn about international sports firsthand by covering regional teams or large-scale sporting events like the Olympics.

**Career Opportunities:** Graduates of the sports journalism degree program are prepared for careers across media (including digital, print, video and audio) and athletics (teams, leagues, agencies and sports news organizations). They go on to pursue positions including sports writers, reporters, team content creators, producers, marketers, television anchors, multimedia specialists, social media managers, and strategic communications and public relations project coordinators.

#### **Contact Information:**

Journalism and Mass Communication, Walter Cronkite School of  
Walter Cronkite School of Journalism and Mass Comm  
<https://cronkite.asu.edu/programs/t5/majorinfo/ASU00/csspjba/>  
CRONK 302  
attendcronkite@asu.edu  
602-496-5555

## Liberal Arts and Sciences, The College of

### Actuarial Science, BS (LAACTBS)

**Campus:** Tempe

**Program Description:** Actuarial science students learn to use tools from mathematics, statistics and finance to measure the impact of risk in order to improve forecasting and decision-making.

The BS degree program in actuarial science provides students with the preparation necessary for the required professional actuarial credentialing exams offered by the Society of Actuaries and the Casualty Actuarial Society.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit the college's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 270 - Calculus w/Analytic Geometry I

**Program Math Intensity:** Substantial

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

Actuarial Science, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** Current ASU students wishing to change their major to actuarial science should have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A"), have completed at least MAT 265 Calculus for Engineers I or MAT 270 Calculus with Analytic Geometry I and CIS 105 Computer Applications and Information Technology (or CSE 100 or CSE 110), and have earned a "B" grade or better in all critical classes they have already completed.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAACTBS-null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer

experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Study abroad students are able to enhance their resumes with the heightened cultural competency and leadership and critical thinking skills they acquire through the valuable experience.

Each of the more than 300 Global Education program options (<https://goglobal.asu.edu/>), whether in a foreign country, in the U.S. or online, provide an opportunity for students to develop a valuable skill set that can give them an advantage in their career and personal enrichment. Global Education programs encourage students to build communication skills, challenge them to adapt and persevere, expose them to differences around the world and increase their ability to work with diverse groups of people.

**Career Opportunities:** Risk is a part of daily life and wherever there is risk, there are opportunities for actuarial intervention. Many actuaries work with insurance companies to calculate premiums, determine reserves needed to ensure an organization's financial health and to ensure organizations conform to stringent, complex legal mandates. Others help companies to establish retirement plans or are employed as consultants.

Graduates with a BS in actuarial science possess skills that are transferable to any industry and any organization that requires risk modeling and management, including:

- colleges and universities
- consulting firms
- energy, such as utilities, oil and gas
- environment (on issues such as climate change and the financial impact or risk of extreme events)
- financial services, such as banking and investment management
- government agencies such as Social Security, the Department of Labor and Medicare (to manage social programs and to develop regulations and legislation)
- insurance companies
- retirement and pensions
- transportation, such as shipping and air travel

They can also apply the advanced problem-solving skills learned in the actuarial science undergraduate program to a variety of other professional careers, including:

- analysts
- business operations specialists
- consultants
- teachers

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

**Contact Information:**

Liberal Arts and Sciences, The College of  
School of Mathematical and Statistical Sciences  
<https://math.asu.edu>  
WXMLR 216  
[math@asu.edu](mailto:math@asu.edu)  
480-965-7195

## African and African American Studies, BA (LAAFRBA)

**Campus:** Tempe, Online

**Program Description:** The African and African American studies program at ASU has assembled a dynamic faculty engaged in investigating the riveting complexities of Africa.

Trained in a variety of disciplines that include anthropology, health, history, journalism, literature, sociology, political science and women's studies, the faculty guide students as they examine a wide array of critical issues facing African-descended peoples across the stages of life at various times and places in history.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit the college's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

**Additional Program Fee:** Y

**Second Language Requirement:** Yes

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Science and Technology Policy, MSTP

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/african-studies/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAAFRBA-null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Conduct independent research exploring critical issues in and to the African diaspora.

**Global Opportunities:**

Global Experience: Global Education programs (<https://goglobal.asu.edu/>) allow students to experience a very different cultural environment, and learning to adapt can be challenging at first, but rewarding by the end of the adventure. Students learn to grow outside of their comfort zone as they learn more about the world, and they may even change the way they think about and perceive others.

The College of Liberal Arts and Sciences recommends specific study abroad programs (<https://goglobal.asu.edu/students/major/sst/african-african-american-studies>) for students majoring in African and African American studies.

**Career Opportunities:** Because of its emphasis on various social aspects and groups, the African and African American studies program provides students with practical applications useful for various workplaces. This program helps students develop cultural sensitivity and prepares them for careers in:

- administration
- advertising
- business
- counseling
- education
- health care
- human resources
- international relations
- journalism
- justice
- law

Graduates are prepared for work in many arenas; some examples:

- business --- corporations, hotel chains, public relations firms, sales departments, the insurance industry, travel agencies
- civic --- civil rights organizations, nonprofit organizations, social service agencies, the Peace Corps
- education --- colleges and universities, museums, research organizations
- government --- law firms, political action groups

**Contact Information:**

Liberal Arts and Sciences, The College of  
School of Social Transformation  
<https://sst.asu.edu>  
NVS1 310AA  
SSTadvising@asu.edu  
480-965-7682

## American Indian Studies, BS (LAAISBS)

**Campus:** Tempe

**Program Description:** The BS program in American Indian studies provides students with unique opportunities to evaluate issues of American Indian nations within domestic and international contexts.

The American Indian studies program is committed to broadening the knowledge of students interested in the histories, languages, cultures, arts and contemporary situations of American Indian nations and peoples; and it encompasses legal, policy, community and economic development as well as arts, languages and culture.

The program is designed to protect the integrity and identity of the Indigenous populations of North America and to create a learning environment conducive to critical and creative thought.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit the college's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

American Indian Studies (Indigenous Rights and Social Justice), MS

American Indian Studies (Tribal Leadership and Governance), MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAAISBS~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Through study abroad, students can connect with Indigenous cultures around the world and expand the lens through which they view North American Indigenous populations. They can learn alongside peers from other countries and develop professional skills that include teamwork and cross-cultural communication. Students can stay on track academically by completing courses while they are in one of over 300 Global Education programs (<https://goglobal.asu.edu/>).

**Career Opportunities:** Graduates of the American Indian studies program are qualified to fill positions at the tribal, state and federal government levels and in the private sector. They can pursue professional careers in fields such as government service or public service. For example, federally and tribally operated schools located in remote areas within Indian Country have high turnover rates for both teachers and staff. American Indian studies graduates should be available to help fill these positions. Furthermore, the federal government, a major employer on many reservations across the country, is in need of qualified people who are knowledgeable in Indian cultures, laws and policies. Additionally, many American Indian nations' economies and infrastructures are developing at a rapid pace, and they are in continuous need to fill mid-management and management-level positions.

Graduates find positions in many areas, such as:

- community action work
- public administration (tribal or state relations, nonprofit management, education administration, planner)
- public health
- the arts
- tribal employment (political office, tribal management, cultural resource programming, grant writer, cultural specialist, youth services)

This program also provides suitable preparation for the advancement to graduate study or law school.

**Contact Information:**

Liberal Arts and Sciences, The College of

American Indian Studies Program

<https://americanindian.asu.edu/degree/undergrad/bs-american-indian-studies>

DISCOVERY 356

AIS@asu.edu

480-965-3634

## American Studies, BA (LAAMRSTBA)

**Campus:** Tempe

**Program Description:** The BA program in American studies bridges multiple disciplinary approaches to explore the diverse cultures, global impact, social systems, gendered experiences, socioeconomic realities and political thought of the United States. The field of American studies centers an understanding of diversity in U.S. society; understanding of how the U.S. national community represents and imagines itself; understanding of how

this resonates globally; and understanding the role of social movements seeking to achieve political, legal and economic change.

The program trains students in the history and trajectory of the field of American studies; explorations of racial literacy, gender, sexuality and socioeconomic experiences grounded in historical contexts that help in understanding contemporary U.S. populations; critical methodologies, including how alternative voices are key in research, politics and policy, and social justice work; applied research methods, particularly those that involve community involvement and engagement; and the use of storytelling and narratives to represent diverse communities and facilitate broader understanding across groups.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit the college's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

**Additional Program Fee:** Y

**Second Language Requirement:** Yes

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

#### **Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

#### **Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAAMRSTBA-null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Global Opportunities:**

Global Experience: With over 300 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire a global perspective and knowledge in preparation for a career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. More information is available on the Global Education website (<https://goglobal.asu.edu/>).

**Career Opportunities:** Graduates are prepared for careers in policy, education and teaching, urban planning, sustainability, socio-political movements, environmental impacts, advocacy, nonprofit organizations, government, journalism, law and justice, public safety and health. This degree program is also well suited for pairing with other professional degrees that prepare students for these careers.

#### **Contact Information:**

Liberal Arts and Sciences, The College of

School of Social Transformation

<https://sst.asu.edu>

NVS1 310AA

SSTadvising@asu.edu

480-965-7682

## **Anthropology, BA (LAASBBA)**

**Campus:** Tempe, Online

**Program Description:** Anthropology is the study of what it means to be human, in the broadest possible terms.

The program helps students recognize and solve problems facing the contemporary world through a broad understanding of humanity. Working alongside leading faculty, students gain experience as apprentices on research projects. Students also have opportunities for hands-on learning through study abroad programs and field schools.

The interdisciplinary program offers training in the main areas of anthropology, including archaeology, bioarchaeology, sociocultural anthropology and evolutionary anthropology.

Students enrolled in this program may not pursue a concurrent degree with the Bachelor of Science in anthropology or the Bachelor of Arts in global health, but they may add a minor in global health to complement the core curriculum. The BA in anthropology is primarily for those whose interests lie in society, culture and archaeology, while the BS is primarily taken by students interested in science and mathematics-based courses.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit the college's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

**Additional Program Fee:** Y

**Second Language Requirement:** Yes

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Global Health, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-anthropology/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAASBBA-null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer



experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Study abroad students often cite participation in Global Education programs (<https://goglobal.asu.edu/>) as the highlight of their academic career and a crucial moment in helping them gain a clearer view of the world, its peoples and the complex challenges facing everyone.

The School of Human Evolution and Social Change offers a suite of faculty-directed Global Education programs designed to connect students with real-life issues that impact local communities yet transect borders. Through any of the more than 300 programs available, students can see the world as they never have before and come away with memories to last a lifetime.

The College of Liberal Arts and Sciences recommends these programs (<https://goglobal.asu.edu/students/major/anthropology>) for students majoring in anthropology.

**Career Opportunities:** Graduates have the knowledge and skills they need to find jobs in fields where understanding complex human behavior is important. Anthropologists work in government agencies, the corporate world, nonprofit organizations, and in consulting roles and in private business where their knowledge of human interactions is critical for finding solutions to today's most complex issues.

The demand in the job market for people with an anthropology background is stimulated by a growing need for researchers and analysts with keen thinking skills who can manage, evaluate and interpret complex problems and work effectively across cultures and languages. As the many spheres of human interaction expand globally, people trained in anthropology are increasingly sought for their broad, holistic knowledge and perspectives, the hallmarks of anthropology.

Career opportunities include:

- acting as legal advocates for displaced communities like refugees in international cases
- analyzing and proposing policies
- conducting postgraduate academic research or teaching
- consulting for private and public organizations
- curating cultural resources
- health system administration or health care professionals
- directing nonprofit organizations
- directing programs in the private or public sector
- managing culture or heritage resources in private or public sectors
- planning pandemic and other disaster response

**Contact Information:**

Liberal Arts and Sciences, The College of  
School of Human Evolution & Social Change  
<https://shesc.asu.edu/>  
SHESC 233  
[shesc.undergrad@asu.edu](mailto:shesc.undergrad@asu.edu)  
480-965-6215

## Anthropology, BS (LAASBBS)

**Campus:** Tempe, Online

**Program Description:** This BS program in anthropology provides training in data collection, analysis and research design within the scientific approaches to anthropology.

Students learn how to use the scientific method to formulate and test hypotheses and how to gather data through such methods as field surveys, excavation and measurement. They also learn how to employ statistics to analyze and extract meaning from data. Through broad anthropological coursework, students learn to ask important questions about the human species and gain the tools to answer them.

The interdisciplinary program offers training in the main areas of anthropology, including archaeology, bioarcheology, sociocultural anthropology and evolutionary anthropology. In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit the college's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 251 - Calculus for Life Sciences

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

Global Health, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bs-anthropology/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAASBBS-null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Through study abroad, students can see the world and gain hands-on experience that prepares them for a future-focused career. Students often cite participating in Global Education programs (<https://goglobal.asu.edu/>) as the highlight of their academic career and a crucial moment in helping them gain a clearer view of the world, its peoples and the complex challenges facing everyone.

The School of Human Evolution and Social Change offers a suite of faculty-directed Global Education programs designed to connect students with real-life issues that impact local communities yet transect borders. Through any of the more than 300 programs available, students can see the world as they never have before and come away with memories to last a lifetime.

The College of Liberal Arts and Sciences recommends these programs (<https://goglobal.asu.edu/students/major/anthropology>) for students majoring in anthropology.

**Career Opportunities:** The demand in the job market for people with an anthropology background is stimulated by a growing need for researchers and analysts with keen thinking skills who can manage, evaluate and interpret large amounts of data. As the many spheres of human interaction expand globally, people trained in scientific modes of anthropology increasingly are sought-after for the combination of their broad, holistic knowledge and perspective and their technical skills.

Some career opportunities include:

- analyzing and proposing policies
- conducting postgraduate academic research
- consulting for large and small private and public organizations
- curating cultural resources
- directing nonprofit organizations
- directing programs in the private or public sector
- forensics
- genetics and other laboratory-based positions
- managing cultural resources in public and private sectors
- modeling infectious diseases
- providing health care as nurses, doctors, or public health professionals
- teaching

**Contact Information:**

Liberal Arts and Sciences, The College of  
 School of Human Evolution & Social Change  
<https://shesc.asu.edu/>  
 SHESC 233  
[shesc.undergrad@asu.edu](mailto:shesc.undergrad@asu.edu)  
 480-965-6215

## Asia Studies, BA (LAASIABA)

**Campus:** Tempe

**Program Description:** The BA program in Asia studies offers students an in-depth and comprehensive study of Asia --- China, Japan, Korea, Indonesia, India and other countries --- through a number of different disciplines wrapped up into a coherent plan of academic study. The program provides students with a variety of intellectual tools that enable them to address languages, religions and cultures, artistic traditions, political and social issues, and global networks of Asia as well as diasporic experiences of Asians, and to apply that knowledge in many academic and professional settings.

**Additional Program Fee:** N

**Second Language Requirement:** Y

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAASIABA~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Students have the opportunity to immerse themselves in the cultures they are studying, through study abroad programs (<https://goglobal.asu.edu/>) available throughout Asia. Students can deepen their understanding of Asian history and culture, and the heightened

cultural competency, critical thinking and communication skills they acquire will enhance their resumes.

The College of Liberal Arts and Sciences recommends these study abroad programs (<https://goglobal.asu.edu/students/major/shprs/asia-studies>) for students majoring in Asia studies.

**Career Opportunities:** People knowledgeable about Asia are required in virtually every arena in which the U.S. interacts with the rest of the world, including:

- communication and journalism
- environmental studies
- government services and diplomacy
- higher education
- international business
- natural resource management
- popular art and culture
- supply chain management
- transportation and tourism
- translation and editing

**Contact Information:**

Liberal Arts and Sciences, The College of  
Historical, Philosophical & Religious Studies, Sch  
<https://shprs.asu.edu/>  
COOR 4591  
SHPRSadvising@asu.edu  
480-965-8364

## Asia Studies (East Asia), BA (LAHSTEABA)

**Campus:** Tempe

ASU is no longer accepting new students to this program. Interested students should apply to the Asia Studies BA (<https://degrees.apps.asu.edu/bachelors/major/ASU00/LAASIABA/asia-studies>) program.

**Program Description:** The BA program in Asia studies offers students the opportunity for in-depth study of East Asia, South Asia or Southeast Asia through a coherent concentration of academic study across a number of disciplines. The transdisciplinary approach provides students with a variety of intellectual tools that enable them to address contemporary political, social and cultural issues in Asia and apply their knowledge in various academic and practical settings.

The Asia studies degree program with a concentration on East Asia includes coursework on China, Japan, Korea and Taiwan.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit the college's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

**Additional Program Fee:** Y

**Second Language Requirement:** Yes

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

- Global Management (Creative Industries and Design Thinking), MGM
- Global Management (Digital Audience Strategy), MGM
- Global Management (Global Affairs), MGM
- Global Management (Global Business), MGM
- Global Management (Global Development and Innovation), MGM
- Global Management (Global Digital Transformation), MGM
- Global Management (Global Entrepreneurship), MGM
- Global Management (Global Health Care Delivery), MGM

Global Management (Global Legal Studies), MGM  
Global Management (Integrated Health Care), MGM  
Global Management (Nonprofit Leadership and Management), MGM  
Global Management (Public Administration), MGM  
Global Management (Public Policy), MGM  
Global Management (Sustainability Solutions), MGM  
Global Management (Sustainable Tourism), MGM  
Global Management, MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

#### **Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAHSTEABA~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Global Opportunities:**

Global Experience: Students have the opportunity to immerse themselves in the cultures they are studying, through Global Education programs (<https://goglobal.asu.edu/>). In programs available throughout East Asia, students can deepen their understanding of East Asian history and culture, and the heightened cultural competency, adaptability, and critical thinking and communication skills they acquire will enhance their resumes.

The College of Liberal Arts and Sciences recommends the following study abroad programs (<https://goglobal.asu.edu/students/major/shprs/asia-studies>) for students majoring in Asia studies with a concentration in East Asia.

**Career Opportunities:** People knowledgeable about Asia are required in virtually every arena in which the U.S. interacts with the rest of the world, including:

- communication and journalism
- diplomacy, trade and international organizations
- food security
- higher education
- humanitarian service and philanthropy
- intelligence
- law and law enforcement
- military studies
- technology transfer
- transportation and tourism

#### **Contact Information:**

Liberal Arts and Sciences, The College of  
Historical, Philosophical & Religious Studies, Sch  
<https://shprs.asu.edu/>  
COOR 4591  
SHPRSadvising@asu.edu  
480-965-8364

## **Asia Studies (South Asia), BA (LAHSTSABA)**

**Campus:** Tempe

ASU is no longer accepting new students to this program. Interested students should apply to the Asia Studies BA  
2023-24 Academic Catalog Archive

(<https://degrees.apps.asu.edu/bachelors/major/ASU00/LAASIABA/asia-studies>) program.

**Program Description:** The BA program in Asia studies offers students the opportunity for in-depth study of East Asia, South Asia or Southeast Asia through a coherent curriculum of academic study across a number of disciplines.

The transdisciplinary approach provides students with a variety of intellectual tools to address contemporary political, social and cultural issues in Asia and enables them to apply valuable knowledge in various academic and practical settings.

The Asia studies degree program with a concentration on South Asia includes coursework covering Bangladesh, India, Pakistan and other South Asian states and societies.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit the college's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

**Additional Program Fee:** Y

**Second Language Requirement:** Yes

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

- Global Management (Creative Industries and Design Thinking), MGM
- Global Management (Digital Audience Strategy), MGM
- Global Management (Global Affairs), MGM
- Global Management (Global Business), MGM
- Global Management (Global Development and Innovation), MGM
- Global Management (Global Digital Transformation), MGM
- Global Management (Global Entrepreneurship), MGM
- Global Management (Global Health Care Delivery), MGM
- Global Management (Global Legal Studies), MGM
- Global Management (Integrated Health Care), MGM
- Global Management (Nonprofit Leadership and Management), MGM
- Global Management (Public Administration), MGM
- Global Management (Public Policy), MGM
- Global Management (Sustainability Solutions), MGM
- Global Management (Sustainable Tourism), MGM
- Global Management, MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAHSTSABA~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer

experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Students have the opportunity to immerse themselves in the very cultures they are studying through Global Education programs (<https://goglobal.asu.edu/>). In programs available throughout Southern Asia, students can deepen their understanding of South Asian history, religion and culture while enhancing their resumes with the heightened cultural competency, adaptability, and critical thinking and communication skills they acquire through the experience.

The College of Liberal Arts and Sciences recommends the following study abroad programs (<https://goglobal.asu.edu/students/major/shprs/asia-studies>) for students majoring in Asia studies with a concentration in South Asia.

**Career Opportunities:** People knowledgeable about Asia are required in virtually every arena in which the U.S. interacts with the rest of the world, including:

- communication and journalism
- diplomacy, trade, and international organizations
- food security
- higher education
- humanitarian service and philanthropy
- intelligence
- law and law enforcement
- military
- technology transfer
- transportation and tourism

**Contact Information:**

Liberal Arts and Sciences, The College of  
Historical, Philosophical & Religious Studies, Sch  
<https://shprs.asu.edu/>  
COOR 4591  
SHPRSadvising@asu.edu  
480-965-8364

## Asia Studies (Southeast Asia), BA (LAHSTSEABA)

**Campus:** Tempe

ASU is no longer accepting new students to this program. Students interested in this program should apply to the Asia Studies BA (<https://degrees.apps.asu.edu/bachelors/major/ASU00/LAASIABA/asia-studies>) program.

**Program Description:** The BA program in Asia studies offers students the opportunity for in-depth study of East Asia, South Asia or Southeast Asia through a coherent curriculum of academic study across a number of disciplines. The transdisciplinary approach provides students with a variety of intellectual tools to address contemporary political, social and cultural issues in Asia and to apply their knowledge in various academic and practical settings.

The Asia studies degree program with a concentration on Southeast Asia includes coursework covering:

- Brunei
- Burma/Myanmar
- Cambodia
- East Timor
- Indonesia
- Laos
- Malaysia
- Singapore
- Thailand
- the Philippines
- Vietnam

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit the college's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

**Additional Program Fee:** Y

**Second Language Requirement:** Yes

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

- Global Management (Creative Industries and Design Thinking), MGM
- Global Management (Digital Audience Strategy), MGM
- Global Management (Global Affairs), MGM
- Global Management (Global Business), MGM
- Global Management (Global Development and Innovation), MGM
- Global Management (Global Digital Transformation), MGM
- Global Management (Global Entrepreneurship), MGM
- Global Management (Global Health Care Delivery), MGM
- Global Management (Global Legal Studies), MGM
- Global Management (Integrated Health Care), MGM
- Global Management (Nonprofit Leadership and Management), MGM
- Global Management (Public Administration), MGM
- Global Management (Public Policy), MGM
- Global Management (Sustainability Solutions), MGM
- Global Management (Sustainable Tourism), MGM
- Global Management, MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAHSTSEABA~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Students have the opportunity to immerse themselves in the very cultures they are studying through Global Education programs (<https://goglobal.asu.edu/>) available throughout Southeast Asia. They can deepen their understanding of Southeast Asian history, philosophy and culture, and the heightened cultural competency, adaptability, critical thinking and communication skills they acquire through study abroad will enhance their resumes.

The College of Liberal Arts and Sciences recommends these study abroad programs (<https://goglobal.asu.edu/students/major/shprs/asia-studies>) for students majoring in Asia studies with a concentration in Southeast Asia.

**Career Opportunities:** People knowledgeable about Asia are required in virtually every arena in which the U.S. interacts with the rest of the world, including:

- communication and journalism
- diplomacy, trade, and international organizations



- food security
- higher education
- humanitarian service and philanthropy
- intelligence
- law and law enforcement
- military studies
- technology transfer
- transportation and tourism

**Contact Information:**

Liberal Arts and Sciences, The College of  
 Historical, Philosophical & Religious Studies, Sch  
<https://shprs.asu.edu/>  
 COOR 4591  
 SHPRSadvising@asu.edu  
 480-965-8364

## Asian Languages (Chinese), BA (LACHIBA)

**Campus:** Tempe

**Program Description:** The BA program in Asian languages with a concentration in Chinese emphasizes proficiency in reading, writing and speaking Mandarin and in reading classical Chinese.

Students gain an in-depth understanding of the fundamentals of the rich Chinese cultural tradition, centered on primary Chinese texts (these are in Chinese and in English translation) from the literary, intellectual and religious cultures of Chinese-speaking societies. These texts include visual and written materials on a variety of topics, including:

- history
- linguistics
- literary theory
- media
- philosophy
- religion
- urban culture

Highly motivated students interested in learning Chinese to professional level of proficiency are encouraged to inquire about the Chinese Language Flagship Program (<https://silc.asu.edu/chineseflagship>). All students with higher levels of linguistic competency may enroll in targeted courses (they are conducted in Chinese) offered as part of the Chinese flagship track.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent degrees or a second baccalaureate in The College of Liberal Arts and Sciences are advised to visit the college's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

**Additional Program Fee:** Y

**Second Language Requirement:** Yes

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Global Management, MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

#### General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LACHIBA~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### Global Opportunities:

Global Experience: Study abroad (<https://goglobal.asu.edu/>) is vital when learning the Chinese language. Immersing oneself in the second most spoken language in the world adds value to the degree, and having a thorough understanding of Chinese cultural elements prepares graduates to take off in an exciting, multicultural career with valuable skills employers seek, like heightened cultural competency, adaptability, critical thinking and communication skills.

**Career Opportunities:** Knowledge of multiple languages and intercultural competencies enhance any occupation and offer graduates many career opportunities. Language-intensive professions include:

- foreign correspondent or media professional
- foreign service officer
- international banking and finance professional
- language teacher
- law and immigration professional
- multilingual administrative professional
- nongovernmental organization professional
- professor of language, literature and culture
- translator or interpreter
- travel professional

Career fields in which speaking multiple languages is a benefit include:

- advertising, marketing and communications
- airline industry
- film, television or multimedia
- foreign correspondence and journalism
- hospitality industry
- intelligence
- international education and study abroad administration
- international law
- public relations
- technology industries

#### Contact Information:

Liberal Arts and Sciences, The College of

School of International Letters and Cultures

<https://silc.asu.edu/degree/undergrad/ba-asian-languages-chinese>

DH 131

[silcadvising@asu.edu](mailto:silcadvising@asu.edu)

480-965-6281

## Asian Languages (Japanese), BA (LAJPNBA)

**Campus:** Tempe

**Program Description:** Students in the BA program in Asian languages with a concentration in Japanese study the language, literature and culture of Japan and gain a respectable measure of competence in reading, writing, and oral and aural skills in the Japanese language. Students also gain linguistic and cultural competence through the required study of classical Japanese.

In addition, ASU offers summer or yearlong programs to study abroad (<https://goglobal.asu.edu/>) in Japan.

**Additional Program Fee:** Y

**Second Language Requirement:** Yes

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Global Management, MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAJPNBA~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Study abroad (<https://goglobal.asu.edu/>) is vital when learning the Japanese language. Immersing oneself in the language and culture adds value to the degree and prepares students to take off in an exciting, multicultural career with valuable skills employers seek, like heightened cultural competency, adaptability, critical thinking and communication skills.

The College of Liberal Arts and Sciences recommends these programs (<https://goglobal.asu.edu/students/major/SILC/japanese>) to students majoring in Japanese.

**Career Opportunities:** Knowledge of multiple languages and intercultural competencies enhance any occupation and offer graduates many career opportunities. Language-intensive careers include:

- foreign correspondent or media professional
- foreign service officer
- intelligence officer
- international banking and finance professional
- language teacher
- law and immigration professional

- multilingual administrative professional
- professor of language, literature and culture
- translator or interpreter
- travel professional

Career fields and occupations using languages include:

- advertising, marketing or communications
- airline industry
- film, television or multimedia
- hospitality industry
- intelligence
- international education and study abroad administration
- international law
- lifestyle management
- public relations
- technology industries

**Contact Information:**

Liberal Arts and Sciences, The College of  
 School of International Letters and Cultures  
<https://silc.asu.edu/degree/undergrad/ba-asian-languages-japanese>  
 DH 131  
[silcadvising@asu.edu](mailto:silcadvising@asu.edu)  
 480-965-6281

## Asian Pacific American Studies, BA (LAAPABA)

**Campus:** Tempe

**Program Description:** The BA program in Asian Pacific American studies prepares students to engage and transform their communities.

Asian American, Native Hawaiian and Pacific Islander communities include multiracial and multiethnic coalition building and resistance, colonization and military occupation, exploited labor, Indigenous sovereignty, environmental justice, migration, multiracial identities, activism, creative resistance, and diverse genders and sexualities. These diverse AAPI experiences provide key insights about global processes that inform current issues and how AAPI communities have responded within local contexts.

Students may apply the interdisciplinary knowledge and skills they learn in this program to an optional internship working with local communities in culturally relevant ways that are productive and empowering.

Asian Pacific American studies emphasizes community-engaged research methods, local community collaboration and independent research for the development of transferrable skills applicable to professional careers, civic engagement and world-making. The program applies a pedagogy of care and creative options that promote student learning and success.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit the college's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

**Additional Program Fee:** Y

**Second Language Requirement:** Yes

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

- American Studies, MA
- Social and Cultural Pedagogy, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAAPABA-null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Analyze a historical or contemporary issue affecting the AAPI community.
- Ability to critically discuss and analyze Asian American and Pacific Islander experiences and communities within local, national and global contexts.
- Demonstrate an understanding of the history of Asian American and Pacific Islander communities in the U.S. through an internship or a research project under the supervision of an ASU faculty member.

**Global Opportunities:**

Global Experience: Students in the Asian Pacific American studies program are able enhance their education by studying abroad.

With more than 300 Global Education programs (<https://goglobal.asu.edu/>) available in more than 65 countries, including many countries in Asia, students can improve their language skills, gain firsthand experience in their field of study, and experience new and unique cultures. Students gain a new perspective on international affairs, dispel stereotypes, and improve their cultural competency.

The College of Liberal Arts and Sciences recommends these programs (<https://goglobal.asu.edu/students/major/sst/asian-pacific-american-studies>) for students majoring in Asian Pacific American studies.

**Career Opportunities:** Graduates who complete the bachelor's degree program in Asian Pacific American studies possess skills relevant for any career, professional degree or graduate school. Training from this program also complements work in positions involving:

- business
- community organizations
- creative arts
- education
- health
- immigration
- journalism
- law
- social work

**Contact Information:**

Liberal Arts and Sciences, The College of  
School of Social Transformation

<https://sst.asu.edu>

NVS1 310AA

SSTadvising@asu.edu

## Astronomical and Planetary Sciences, BS (LAASTPLSBS)

**Campus:** Online

**Program Description:** The online BS program in astronomical and planetary sciences provides broad training in the scientific foundations required to understand and communicate the fundamentals of space exploration and ongoing advances in the field.

The degree program includes groundwork in mathematics and physical sciences, topical courses focused on diverse fields within astronomy and planetary science, and exposure to the engineering and computational tools and techniques used to carry out research.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit the college's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

### **STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 210 - Brief Calculus or higher

**Program Math Intensity:** Moderate

### **Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

### **Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

### **Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/astronomy-bachelors/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAASTPLSBS~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

### **Global Opportunities:**

Global Experience: With over 300 programs in more than 65 countries (programs vary in length, from one week to one year), Global Education is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a career.

Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward

program costs.

**Career Opportunities:** Graduates pursue careers in fields that value the quantitative, technical skills taught as part of an astronomy education. These include K-12 STEM teaching positions, science and technology journalism and writing careers, and technical careers involving statistical data analysis or computer programming or technical positions supporting space and research industry and policy.

**Contact Information:**

Liberal Arts and Sciences, The College of  
School of Earth and Space Exploration  
<https://sese.asu.edu/degree/undergrad/bs-astronomical--planetary-sciences>  
ISTB4 795  
SESE-online@asu.edu  
480-965-5081

## Biochemistry, BA (LABCHBA)

**Campus:** Tempe, Online

**Program Description:** The BA program in biochemistry provides students with a wide array of courses such as basic chemistry, the chemistry of biomolecules, cellular function, and liberal arts and languages.

This program is a flexible option for students interested in a liberal arts degree with a strong grounding in physical science. It is ideal for students seeking to complete two degrees. Students wishing to pursue a scientific graduate degree should consider the BS in biochemistry.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit the college's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** Yes

**First Required Math Course:** MAT 251 - Calculus for Life Sciences Students may complete MAT 270 Calculus with Analytic Geometry I or MAT 265 Calculus for Engineers I in lieu of MAT 251 Calculus for Life Sciences.

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Global Management, MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/biochemistry-ba/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LABCHBA~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: When studying abroad (<https://goglobal.asu.edu/>), students gain valuable experience in a diverse set of programs. Students earn ASU credit for completed courses, while staying on track for graduation.

With their resumes enhanced by the heightened skills in communication, critical thinking and leadership they acquired through the study abroad experiences, graduates stand out competitively in their chosen fields.

**Career Opportunities:** Graduates of this program are prepared for careers in a variety of fields, such as medicine and health, chemical and biotechnology industry, pharmaceuticals, environmental and food science, food production, environmental protection, scientific sales and marketing, and other forms of public service such as policymaking and teaching, patent law and many other technical areas.

Those with a Bachelor of Arts in biochemistry also are well prepared for application to graduate schools, such as medical, dental and pharmacy.

**Contact Information:**

Liberal Arts and Sciences, The College of  
School of Molecular Sciences  
<https://sms.asu.edu/>  
PSD 104  
SMSadvising@asu.edu  
480-965-7667

## Biochemistry, BS (LABCHBS)

**Campus:** Tempe, Online

**Program Description:** Students in the BS program in biochemistry take courses in a wide array of subjects, such as basic chemistry, the properties and function of biomolecules, and the mechanisms of cellular function and living organisms.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit the college's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 270 - Calculus w/Analytic Geometry I or MAT 265 Calculus for Engineers I

**Program Math Intensity:** Substantial

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.



**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

Biochemistry (Medicinal Chemistry), MS  
Global Management, MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-biochemistry/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LABCHBS~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Students participating in Global Education programs (<https://goglobal.asu.edu/>) gain valuable experience in a diverse set of programs in other countries. The study abroad experience helps students deepen their understanding of biochemical processes and enhance their knowledge of research methods used across the globe. With their resumes enhanced by the heightened skills in communication, critical thinking and leadership they acquired through the study abroad experience, graduates stand out in their competitive fields.

**Career Opportunities:** A BS degree in biochemistry is an excellent choice for careers in medicine and health, chemical and biotechnology industries, drug design and pharmaceuticals, new sources of energy and materials, research, government laboratories, environmental and food science, teaching and many other technical areas.

The Bachelor of Science program in biochemistry provides the necessary training for competitive applications to medical, dental, pharmacy and other health-related graduate schools, and to advanced graduate research degree programs in biochemistry.

**Contact Information:**

Liberal Arts and Sciences, The College of  
School of Molecular Sciences  
<https://sms.asu.edu/>  
PSD 104  
SMSadvising@asu.edu  
480-965-7667

**Campus:** Tempe, Online

**Program Description:** Students in the BS program in biochemistry with a concentration in medicinal chemistry take courses in areas including basic chemistry, the properties and function of biomolecules, and the mechanisms of cellular function to living organisms. Within the medicinal chemistry concentration, students learn how to apply chemical and biochemical thinking to the design and function of medicines.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit the college's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 270 - Calculus w/Analytic Geometry I or MAT 265 Calculus for Engineers I

**Program Math Intensity:** Substantial

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

Biochemistry (Medicinal Chemistry), MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/medicinal-chemistry/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LABCHMBS~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Each of the more than 300 Global Education program (<https://goglobal.asu.edu/>) options provide an opportunity for students to develop a valuable skill set that can give them an advantage in career and personal enrichment. Studying abroad helps students build cultural competency skills as well as heightened skills in communication, critical thinking and leadership that allow them to stand out on their graduate school applications.

Whether in a foreign country, in the U.S. or online, Global Education programs encourage students to build communication skills, challenge them to adapt and persevere, expose them to differences across the world and increase their ability to work with diverse groups of people. Students earn ASU credit for completed courses, while staying on track for graduation.

**Career Opportunities:** A solid undergraduate education in biochemistry with an emphasis in medicinal chemistry provides the necessary background for career paths in chemical, medical, pharmaceutical and biotechnology industries and for careers in governmental regulation, health care, research and other areas. It also confers critical skills for pharmacy and medical school.

Many students who intend to apply to medical school take biochemistry with a medicinal chemistry emphasis in order to make their applications more competitive, and this degree program is ideal for such students. The program provides excellent preparation for advanced graduate study in biochemistry, pharmaceuticals, pharmacology, toxicology and for careers in drug design and pharmaceuticals, medicine and health, research, food production, environmental protection and several other technical fields.

Students planning careers in medicine, dentistry, pharmacy, veterinary medicine or research in these or related fields also often pursue the medicinal chemistry concentration, with supporting work in biology and chemistry, as the route for pre-professional training.

**Contact Information:**

Liberal Arts and Sciences, The College of  
School of Molecular Sciences  
<https://sms.asu.edu/>  
PSD 104  
SMSadvising@asu.edu  
480-965-7667

## Biological Sciences, BS (LABSCBS)

**Campus:** Tempe, Online

**Program Description:** The life sciences involve the study of the basic organization and processes of life (microbes, plants and animals) at scales ranging from molecules to ecosystems and in time from picoseconds to millennia. This includes investigations into how hereditary information is transferred and organisms evolve, the interplay of organisms and their environments, and how these factors interact in health and disease.

Students interested in a degree in life sciences can opt for a BS in biological sciences or choose one of five concentrations:

- biology and society
- biomedical sciences
- conservation biology and ecology
- genetics, cell and developmental biology
- neurobiology, physiology and behavior

The biological sciences major with no concentration is designed for students who are committed to studying and training in multiple disciplines in biology and for students who want to get more exposure to the life sciences before deciding whether they want to declare a concentration as an undergraduate. Therefore, students in this major take core courses from several concentrations. Students in this major have more flexibility to customize their program of study so they can focus on their own area of interest that may not have a concentration, such as plant biology or genomics.

This program is available as an accelerated degree program (<https://sols.asu.edu/degree-programs/accelerated-bachelors-masters-science>).

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit the college's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N**First Required Math Course:** MAT 251 - Calculus for Life Sciences**Program Math Intensity:** Moderate**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

Biology (Biology and Society), MS  
Biology, MS  
Global Management (Creative Industries and Design Thinking), MGM  
Global Management (Digital Audience Strategy), MGM  
Global Management (Global Affairs), MGM  
Global Management (Global Business), MGM  
Global Management (Global Development and Innovation), MGM  
Global Management (Global Digital Transformation), MGM  
Global Management (Global Entrepreneurship), MGM  
Global Management (Global Health Care Delivery), MGM  
Global Management (Global Legal Studies), MGM  
Global Management (Integrated Health Care), MGM  
Global Management (Nonprofit Leadership and Management), MGM  
Global Management (Public Administration), MGM  
Global Management (Public Policy), MGM  
Global Management (Sustainability Solutions), MGM  
Global Management (Sustainable Tourism), MGM  
Global Management, MGM  
Microbiology, MS  
Molecular and Cellular Biology, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)Transfer (<https://admission.asu.edu/transfer/apply>)International (<https://admission.asu.edu/international/undergrad-apply>)Readmission (<https://admission.asu.edu/undergrad/readmission>)**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/biological-sciences-bs/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LABSCBS-null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Professional health education is competitive. Less than 50% of students who apply to medical schools are admitted; the numbers vary for other health-related fields. Medical and professional school admission officers increasingly focus on students with dedication to community service, so engaging in community activities and research abroad will help any student who intends to pursue a health career to create a diverse, accomplished portfolio that can give them an advantage over the competition.

Study abroad students experience unique biological environments and gain an understanding of worldwide differences in the human condition.

Global Education programs (<https://goglobal.asu.edu/>) provide an opportunity for students to develop a valuable skill set by exposing them to different health environments and expanding their knowledge of culturally specific health approaches.

The College of Liberal Arts and Sciences recommends these programs (<https://goglobal.asu.edu/students/major/biological-sciences>) for students majoring in biological sciences.

**Career Opportunities:** The biological science major provides an excellent foundation for graduate study as well as preparation for professional schooling in:

- dentistry
- medicine
- pharmacy
- veterinary medicine

Graduates may enter positions in:

- biotechnology
- education
- government
- industry

**Contact Information:**

Liberal Arts and Sciences, The College of  
School of Life Sciences

<https://sols.asu.edu/degree/undergrad/bs-biological-sciences>

LSA 189

[sols.advising@asu.edu](mailto:sols.advising@asu.edu)

480-727-6277

## Biological Sciences (Biology and Society), BS (LABSCSBS)

**Campus:** Tempe, Online

**Program Description:** The BS program in biological sciences with a concentration in biology and society focuses on training biology students to understand the social context of their science and to ask how and why a biological problem has been and should be studied. Students explore the ways in which policy decisions shape and are shaped by biological research and they investigate the meaning and significance of the life sciences in understanding a complex world.

The biology and society curriculum is highly individualized. This unique degree is home to world-class researchers and teachers in diverse fields, including bioscience ethics, history and philosophy of science, science communication, science education and science policy, all brought together under one program. Students have the option to work with many renowned scholars in independent study and research projects.

This program is available as an accelerated degree program (<https://sols.asu.edu/degree-programs/accelerated-bachelor-masters-sciences>).

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit the college's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N**First Required Math Course:** MAT 251 - Calculus for Life Sciences**Program Math Intensity:** Moderate**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

Biology (Biology and Society), MS  
Biology, MS  
Global Management (Creative Industries and Design Thinking), MGM  
Global Management (Digital Audience Strategy), MGM  
Global Management (Global Affairs), MGM  
Global Management (Global Business), MGM  
Global Management (Global Development and Innovation), MGM  
Global Management (Global Digital Transformation), MGM  
Global Management (Global Entrepreneurship), MGM  
Global Management (Global Health Care Delivery), MGM  
Global Management (Global Legal Studies), MGM  
Global Management (Integrated Health Care), MGM  
Global Management (Nonprofit Leadership and Management), MGM  
Global Management (Public Administration), MGM  
Global Management (Public Policy), MGM  
Global Management (Sustainability Solutions), MGM  
Global Management (Sustainable Tourism), MGM  
Global Management, MGM  
Microbiology, MS  
Molecular and Cellular Biology, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)Transfer (<https://admission.asu.edu/transfer/apply>)International (<https://admission.asu.edu/international/undergrad-apply>)Readmission (<https://admission.asu.edu/undergrad/readmission>)**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/biology-and-society/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LABSCSBS-null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Global Opportunities:**

Global Experience: Through study abroad, whether in a foreign country, in the U.S. or online, students studying biological sciences are able to experience unique biological environments and gain an understanding of worldwide differences in the human condition. They are able to be exposed to a variety of laws, policies and practices in biology-centric environments worldwide and expand their knowledge of how science impacts society. Students also are able to engage in community service and outreach all around the world, which can help their graduate and professional program applications stand out.

With more than 300 options available, Global Education programs (<https://goglobal.asu.edu/>) allow students to tailor their experience to their unique interests and skill sets. The College of Liberal Arts and Sciences recommends these programs (<https://goglobal.asu.edu/students/major/sls/biological-sciences-biology-society>) for students majoring in biological sciences with a concentration in biological and society.

**Career Opportunities:** Biology and society students gain the historical, philosophical, political and ethical perspectives needed to explore interactions between the life sciences and related, complex human issues. As a result, the program contributes to better informed and more effective teachers, writers, policymakers, clinicians and researchers in areas related to biology, medicine and society.

Graduates of the individualized, skill-based curriculum are eligible for a broad range of career options. Most have chosen to pursue professional degrees in medicine, law, public health or public policy, or to pursue graduate study in biology, ethics, education or history and philosophy of science. Graduates enter the workforce, whether in academia, industry, government or clinical practice, with a deep sensitivity to the complexity of biology in society and the skill to navigate that complexity throughout their careers.

#### **Contact Information:**

Liberal Arts and Sciences, The College of  
School of Life Sciences  
<https://sols.asu.edu/degree/undergrad/bs-bio-sci-bio--society>  
LSA 189  
[sols.advising@asu.edu](mailto:sols.advising@asu.edu)  
480-727-6277

## **Biological Sciences (Biomedical Sciences), BS (LABSCMBS)**

**Campus:** Tempe, Online

**Program Description:** The biomedical sciences concentration serves students in the BS program in biological sciences who wish to pursue careers in medicine, other health professions or biomedical research in academic, clinical or industry settings.

The curriculum aligns with the broad scientific competencies recommended for premedical students as stated in a report of the American Medical Colleges and the Howard Hughes Medical Committee and reflected in the 2015 changes to the Medical College Admission Test. Coursework draws from the school's concentration in genetics, cell and developmental biology and the concentration in neurobiology, physiology and behavior, with the addition of courses in biology and in medicine and society. The concentration focuses on chemistry, biochemistry, math and physics coursework that students need in preparation the MCAT and for medical school admission, and it emphasizes core concepts, competencies and critical intellectual skills necessary for success in medical school or biomedical research.

This program is available as an accelerated degree program (<https://sols.asu.edu/degree-programs/accelerated-bachelors-masters-science>).

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit the college's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

#### **STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 251 - Calculus for Life Sciences

**Program Math Intensity:** Moderate

#### **Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their

academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

#### **Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

- Biology (Biology and Society), MS
- Biology, MS
- Global Management, MGM
- Microbiology, MS
- Molecular and Cellular Biology, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

#### **Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/biological-sciences-biomedical-sciences-bs/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LABSCMBS~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Global Opportunities:**

Global Experience: Through study abroad, whether in a foreign country, in the U.S. or online, students studying biological sciences are able to experience unique biological environments and gain an understanding of worldwide differences in the human condition. They are able to be exposed to a variety of laws, policies and practices in biology-centric environments worldwide and expand their knowledge of how science impacts society. Students also are able to engage in community service and outreach all around the world, which can help their graduate and professional program applications stand out.

With more than 300 options available, Global Education programs (<https://goglobal.asu.edu/>) allow students to tailor their experience to their unique interests and skill sets. The College of Liberal Arts and Sciences recommends these programs (<https://goglobal.asu.edu/students/major/sls/biological-sciences-biomedical-sciences>) for students majoring in biological sciences with a concentration in biomedical sciences.

**Career Opportunities:** Graduates are well equipped to enter careers as research scientists or as scientists in the health professions, having met the majority of prerequisite requirements and mastered many of the competencies valued by graduate programs in medical, dental and optometry fields or programs which prepare students to be physician assistants or physical therapists.

Additionally, graduates have an understanding of the process of science, preparing them for a career in research. They have knowledge of



foundational concepts in biological sciences, chemistry, physics and statistics and the ability to understand and apply core biomedical concepts. This prepares them for entry into biology research in a vast number of areas, some of which include genetics, genomics, evolution, physiology and immunology.

**Contact Information:**

Liberal Arts and Sciences, The College of  
School of Life Sciences  
<https://sols.asu.edu/degree/undergrad/bs-bio-sci-biomedical-sci>  
LSA 189  
sols.advising@asu.edu  
480-727-6277

## Biological Sciences (Conservation Biology and Ecology), BS (LABSCCBS)

**Campus:** Tempe, Online

**Program Description:** Ecology is the study of the distribution and abundance of organisms, the interactions among organisms, and the interactions between organisms and the physical environment. Conservation biology is an applied science based on ecological principles that focuses on conserving biological diversity and on restoring degraded ecosystems.

Arizona State University is committed to a more sustainable world and sharing knowledge of conservation biology and ecology. The BS program in biological sciences with a concentration in conservation biology and ecology is one critical component to help meet this global challenge.

Conservation biologists at ASU investigate the impact of humans on Earth's biodiversity and develop practical approaches to prevent the extinction of species and promote the sustainable use of biological resources. Some investigate the causes of ecosystem degradation and use ecological principles to reestablish desired conditions in a variety of ecosystems, including rivers, wetlands, grasslands, urban landscapes and forests.

This program is available as an accelerated degree program (<https://sols.asu.edu/degree-programs/accelerated-bachelors-masters-science>).

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit the college's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 251 - Calculus for Life Sciences

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

- Biology (Biology and Society), MS
- Biology, MS
- Global Management, MGM
- Microbiology, MS
- Molecular and Cellular Biology, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/conservation-biology-degree/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LABSCCBS-null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Global Opportunities:**

Global Experience: Through study abroad, students studying biological sciences are able to experience unique biological environments and gain an understanding of conservation biology practices worldwide. They are able to be exposed to a variety of laws, policies and practices in biology-centric environments and expand their knowledge of how science impacts society. Students also are able to engage in community service and outreach, which can help them stand out in graduate study or a professional career.

With more than 300 programs available, Global Education programs (<https://goglobal.asu.edu/>) allow students to tailor their experience to their unique interests and skill sets. The College of Liberal Arts and Sciences recommends these programs (<https://goglobal.asu.edu/students/major/sls/biological-sciences-conservation-biology-ecology>) for students majoring in biological sciences with a concentration in conservation biology and ecology.

**Career Opportunities:** The curriculum prepares students with skills and concepts for employment and provides a solid platform for those who wish to attend graduate school. Graduates are prepared for careers with:

- governmental agencies such as the Environmental Protection Agency and state game and fish departments
- K-12 education, colleges and universities
- nongovernmental organizations such as The Nature Conservancy and Conservation International
- private companies focused on environmental resources, environmental law or environmental economics

The concentration can provide training in specific skills that might be needed in these areas:

- animal and plant physiology, identification and ecology
- behavioral ecology and population biology
- community, ecosystem and landscape ecology
- conservation of endangered species
- ecology of different habitats, including cities, lakes, rivers and grasslands
- restoration of degraded ecosystems

#### **Contact Information:**

Liberal Arts and Sciences, The College of

School of Life Sciences

<https://sols.asu.edu/degree/undergrad/bs-bio-sci-conser-bio--ecology>

LSA 189

[sols.advising@asu.edu](mailto:sols.advising@asu.edu)

480-727-6277

**Campus:** Tempe, Online

**Program Description:** The BS program in biological sciences with a concentration in genetics, cell and developmental biology integrates the study of three exciting, closely related areas of life science research.

Genetics examines the blueprints of life, such as DNA sequence and gene expression, while cell biology studies the machinery of life enclosed within the boundaries of cells. Developmental biology uses both genetics and cell biology to understand how genes and the environment interact to produce a whole new individual from a single cell as well as to understand the various developmental changes that organisms undergo throughout life.

The combined study of genetics, cell biology and development has resulted in a better understanding of many diseases and promises to prove even more important in the future.

Students are encouraged to engage in independent research projects or internship opportunities to develop a better sense of how science is done.

This program is available as an accelerated degree program (<https://sols.asu.edu/degree-programs/accelerated-bachelors-masters-science>).

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit the college's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 251 - Calculus for Life Sciences

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

- Biology (Biology and Society), MS
- Biology, MS
- Global Management (Creative Industries and Design Thinking), MGM
- Global Management (Digital Audience Strategy), MGM
- Global Management (Global Affairs), MGM
- Global Management (Global Business), MGM
- Global Management (Global Development and Innovation), MGM
- Global Management (Global Digital Transformation), MGM
- Global Management (Global Entrepreneurship), MGM
- Global Management (Global Health Care Delivery), MGM
- Global Management (Global Legal Studies), MGM
- Global Management (Integrated Health Care), MGM
- Global Management (Nonprofit Leadership and Management), MGM
- Global Management (Public Administration), MGM
- Global Management (Public Policy), MGM
- Global Management (Sustainability Solutions), MGM
- Global Management (Sustainable Tourism), MGM
- Global Management, MGM
- Microbiology, MS
- Molecular and Cellular Biology, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bs-genetics-cell-and-developmental-biology/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LABSCGBS~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Through study abroad, students studying biological sciences are able to experience unique biological environments and gain an understanding of worldwide differences in the human condition. They are able to be exposed to a variety of laws, policies and practices in biology-centric environments worldwide and expand their knowledge of how science impacts society. Students also are able to engage in community service and outreach all around the world, which can help them stand out in graduate study or a professional career.

With more than 300 programs available, Global Education programs (<https://goglobal.asu.edu/>) allow students to tailor their experience to their unique interests and skill sets. The College of Liberal Arts and Sciences recommends these programs (<http://goglobal.asu.edu/students/major/sls/biological-sciences-genetics-cell-developmental-biology>) for students majoring in biological sciences with a concentration in genetics, cell and developmental biology.

**Career Opportunities:** Graduates of this concentration have learned critical thinking skills that can be applied to many scientific problems and professions as well as to the challenges of daily life, and they have a variety of career options.

This degree provides the fundamental coursework necessary for admission into medical, dental, veterinary, pharmacy or graduate schools or any of the health professions. There also are many employment opportunities that can be pursued upon receipt of the Bachelor of Science with this concentration, such as:

- animal breeder technician
- bioinformaticist or biotechnologist
- crime lab technician
- cytotechnologist
- drug or vaccine design technician
- genetic counselor
- histologist
- in-vitro fertilization technician
- teacher
- technical writer

**Contact Information:**

Liberal Arts and Sciences, The College of  
School of Life Sciences

<https://sols.asu.edu/degree/undergrad/bs-bio-sci-gen-cell--dev-bio>

## Biological Sciences (Neurobiology, Physiology and Behavior), BS (LABSCABS)

**Campus:** Tempe

**Program Description:** The neurobiology, physiology and behavior concentration serves students in the BS program in biological sciences with a broad yet rigorous education.

While it might seem that neurobiology, physiology and behavior are quite separate fields, the three interact extensively in living organisms to achieve common goals. By studying neurobiology, behavior and physiology from the perspectives of molecular and cellular biology, evolution, organ systems (neural, endocrine, cardiovascular, respiratory, immune and more), and the environment, students gain insight into how these aspects work together in a variety of ways.

Students in this concentration also learn to apply principles from mathematics, chemistry and physics. Discoveries are made at the laboratory bench and in the field, and students in the concentration are encouraged to participate in research projects in the labs of faculty members.

This program is available as an accelerated degree program (<https://sols.asu.edu/degree-programs/accelerated-bachelors-masters-science>).

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit the college's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

### **STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 251 - Calculus for Life Sciences

**Program Math Intensity:** Moderate

### **Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

### **Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

Biology (Biology and Society), MS  
Biology, MS  
Global Management (Creative Industries and Design Thinking), MGM  
Global Management (Digital Audience Strategy), MGM  
Global Management (Global Affairs), MGM  
Global Management (Global Business), MGM  
Global Management (Global Development and Innovation), MGM  
Global Management (Global Digital Transformation), MGM  
Global Management (Global Entrepreneurship), MGM  
Global Management (Global Health Care Delivery), MGM  
Global Management (Global Legal Studies), MGM  
Global Management (Integrated Health Care), MGM  
Global Management (Nonprofit Leadership and Management), MGM  
Global Management (Public Administration), MGM  
Global Management (Public Policy), MGM  
Global Management (Sustainability Solutions), MGM  
Global Management (Sustainable Tourism), MGM  
Global Management, MGM  
Microbiology, MS  
Molecular and Cellular Biology, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

#### **Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LABSCABS-null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Global Opportunities:**

Global Experience: Through study abroad, whether in a foreign country, in the U.S. or online, students studying biological sciences experience unique biological environments and gain an understanding of worldwide differences in the human condition. They are able to be exposed to a variety of laws, policies and practices in biology-centric environments worldwide and expand their knowledge of how science impacts society.

With more than 300 options available, Global Education programs (<https://goglobal.asu.edu/>) allow students to tailor their experience to their unique interests and skill sets, and they are able to engage in community service and outreach, which can help their graduate and professional program applications stand out.

The College of Liberal Arts and Sciences recommends these programs (<http://goglobal.asu.edu/students/major/sls/neurobiology-physiology-behavior>) for students majoring in neurobiology, physiology and behavior.

**Career Opportunities:** The broad education and critical-thinking skills students receive in this concentration are applicable to a variety of rewarding careers. Premedical, preveterinary and pre dental students get the background and courses needed for professional school application and beyond. Many students go on to graduate school for academic, teaching or research careers in areas such as:

- endocrinology
- environmental or behavioral physiology
- human physiology
- metabolism
- neurobiology
- social behavior

With a Bachelor of Science degree in this concentration, graduates have opportunities for technical positions in hospitals, research institutes and industry (food, dairy, chemical, pharmaceutical and biotechnology) as well as in government laboratories and agencies. The most important skills students learn in the concentration are critical thinking and problem-solving skills that can be applied to many scientific problems and professions as well as to the challenges of daily life.

#### **Contact Information:**

Liberal Arts and Sciences, The College of  
School of Life Sciences

<https://sols.asu.edu/degree/undergrad/bs-biosci-neurobio-phys--behav>

LSA 189

[sols.advising@asu.edu](mailto:sols.advising@asu.edu)

480-727-6277

## **Biophysics, BS (LABIPHBS)**

**Campus:** Tempe, Online

**Program Description:** The BS program in biophysics uses the methods and theories of physics to study biological systems. This includes gaining a working understanding of principles governing all scales of biological organization, from molecular processes of life to organisms and ecosystems.

Students are exposed to novel learning methods and laboratory experiences, with additional opportunities to conduct independent research and work directly with faculty in the field. This strong foundation prepares students to seek roles within academia, medicine, renewable energy, research and technology.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit the college's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 270 - Calculus w/Analytic Geometry I

**Program Math Intensity:** Substantial

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** Current ASU students wishing to change their major to physics should have a minimum cumulative GPA of 2.50 (scale is 4.00= "A") for all critical classes they have completed.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/biophysics-bs/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LABIPHBS~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Study abroad affords students the opportunity to gain valuable experience in a diverse set of programs available in a variety of countries around the world. Students are able to study biophysics abroad through a wide set of opportunities related to physics, chemistry and biology.

Graduates who possess the heightened skills in communication, critical thinking and leadership they acquired through study abroad may stand out in a competitive field. More information on available programs can be found on the Global Education website (<https://goglobal.asu.edu/>).

**Career Opportunities:** The broad range of applicability of the principles of biophysics gives great flexibility in a choice of career or further education including:

- chemical industries
- engineering
- government
- medicine
- physics research
- teaching

**Contact Information:**

Liberal Arts and Sciences, The College of

Department of Physics

<https://physics.asu.edu/>

PSF 470

[physics.undergrad@asu.edu](mailto:physics.undergrad@asu.edu)

480-965-3561

## Chemistry, BA (LACHMBA)

**Campus:** Tempe, Online

**Program Description:** Students in the BA program in chemistry take a wide range of courses that prepare them to take on important problems using atomic and molecular level thinking in areas as diverse as energy and sustainability, new materials, medicine and health, nanoscience, environmental science, forensics, cosmetics and food chemistry, patent law, sales and marketing.

The Bachelor of Arts program in chemistry is a flexible option for students interested in a liberal arts degree with a strong grounding in physical science. It is ideal for students seeking to complete two degrees. Students pursuing a bachelor's degree in chemistry have opportunities to explore a variety of interests, from laboratory science to working in the public sector in regulation or law.

Students wishing to pursue a scientific graduate degree should consider the BS in chemistry.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit the college's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** Yes

**First Required Math Course:** MAT 270 - Calculus w/Analytic Geometry I or MAT 265 Calculus for Engineers

**Program Math Intensity:** Substantial

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**



ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LACHMBA~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Global Opportunities:**

Global Experience: When studying abroad (<https://goglobal.asu.edu/>), chemistry students can gain valuable experience in a diverse set of programs. Students earn ASU credit for completed courses, while staying on track for graduation. Students who study abroad acquire heightened skills in communication, critical thinking and leadership.

**Career Opportunities:** A degree in chemistry provides the background for careers in chemical and electronics industries, in national research labs, environmental labs and forensic labs. Chemistry can be combined with law for patent work, with economics for sales and marketing careers, and with computer science for careers in information technology. Students with a strong liberal arts background are also prepared for careers in scientific sales, marketing, human development and training. Students often take chemistry degree programs to be competitive applicants for admission to medical, dental or pharmacy schools.

#### **Contact Information:**

Liberal Arts and Sciences, The College of  
School of Molecular Sciences  
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PSD 104  
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480-965-7667

## **Chemistry, BS (LACHMBS)**

**Campus:** Tempe

**Program Description:** In the BS program in chemistry, students take courses that give them the knowledge and skills to solve problems at the atomic and molecular levels in areas as diverse as energy and sustainability, new materials for technology, medicine and health, nanoscience, environmental science, forensics, cosmetics and food chemistry.

The Bachelor of Science degree in chemistry is accredited by the American Chemical Society, and it prepares students for advanced study of chemistry and material science in competitive graduate degree programs. More information about the American Chemistry Society accreditation can be found on their website: <https://www.acs.org/> (<https://www.acs.org/>).

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

#### **STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 270 - Calculus w/Analytic Geometry I or MAT 265 Calculus for Engineers

**Program Math Intensity:** Substantial

#### **Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

Biochemistry (Medicinal Chemistry), MS  
Materials Science and Engineering, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LACHMBS~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: When studying abroad (<https://goglobal.asu.edu/>), chemistry students can gain valuable experience in a diverse set of programs, and they acquire heightened skills in communication, critical thinking and leadership which will enable them to stand out competitively in their chosen field. Students earn ASU credit for completed courses while staying on track for graduation.

**Career Opportunities:** A degree in chemistry provides the background for careers in chemical and electronics industries, in national research labs, environmental labs and forensic labs. Chemistry can be combined with law for patent work, with economics for sales and marketing careers, and with computer science for careers in information technology. Students often take Bachelor of Science in chemistry degree programs to become competitive applicants for admission to medical, dental or pharmacy schools.

Chemists conduct both research and routine work in laboratories; they study the environment; they work in manufacturing, sales and marketing; they work in the public sector deciding policy and regulation; and they teach.

**Contact Information:**

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480-965-7667

## Chemistry (Environmental Chemistry), BS (LACHMEBS)

**Campus:** Tempe

**Program Description:** The BS in chemistry with an environmental chemistry concentration is an interdisciplinary degree program that combines chemistry with environmental sciences courses in geology, mathematics and physics. Students learn to understand the world around them from a molecular perspective and to tackle problems in pollution control, energy and climate change.

This program prepares students to become scientists and leaders in solving environmental problems and for careers in environmental science, policy and regulation, and it serves as excellent preparation for advanced level study of chemical and environmental sciences in graduate school.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit the college's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 270 - Calculus w/Analytic Geometry I or MAT 265 Calculus for Engineers

**Program Math Intensity:** Substantial

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LACHMEBS~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Students who participate in Global Education programs (<https://goglobal.asu.edu/>) can strengthen their understanding of environmental chemistry through hands-on experience in new and exciting environments. Programs provide students with a global perspective and knowledge in preparation for a forward-thinking career.

**Career Opportunities:** A solid undergraduate program of education in chemistry that is obtained with this degree provides the necessary background for many career paths in chemical industries, government and other areas. This degree can be combined with law for patent work or government work, economics for sales and marketing careers, and computer science for careers in information storage and retrieval related to our planet.

Students planning to work in areas related to the environment will find the environmental chemistry concentration especially appropriate; they are also prepared for careers in environmental science, environmental monitoring, policy and regulation.

**Contact Information:**

Liberal Arts and Sciences, The College of

School of Molecular Sciences

<https://sms.asu.edu/>

PSD 104

[SMSadvising@asu.edu](mailto:SMSadvising@asu.edu)

480-965-7667

## Civic and Economic Thought and Leadership, BA (LACELBA)

**Campus:** Tempe

**Program Description:** The BA program in civic and economic thought and leadership incorporates the study of political philosophy, economic thought, history and American politics.

Faculty engage students through the Socratic method, which challenges students to analyze the complex topics impacting lives today. Students refine their ability to read closely, think analytically, write carefully and speak effectively.

The curriculum, combined with outside-the-classroom leadership experiences, provides students with the broad, academic foundation they will use throughout their careers. Students have the opportunity to intern on Capitol Hill, in congressional offices in their district, with nonprofits around the country or in an opportunity of their academic interest. They engage with world-renowned scholars and experts who visit ASU for large lectures and small seminars through the school's public programs and civic outreach initiatives, and they are able to apply for one of the school's Global Intensive Experiences, which study service and leadership in places such as Israel and the West Bank, India and South Africa.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit the college's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

**Additional Program Fee:** Y

**Second Language Requirement:** Yes

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

#### **Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

#### **Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Classical Liberal Education and Leadership, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

#### **Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LACELBA-null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Global Opportunities:**

Global Experience: Students studying civic and economic thought and leadership gain valuable leadership and communication skills through unique study abroad experiences (<https://goglobal.asu.edu/>) across the globe. Programs can be found in a variety of countries around the world. By studying abroad, students expand their scope of learning beyond the classroom and gain hands-on experience in different and exciting cultures.

**Career Opportunities:** Graduates are inspired and prepared to lead and serve in civil society, public affairs or government, and the internship provides the professional experience that employers look for on a resume.

Some career paths graduates might pursue include business, education, foreign service, government, law, politics, national security affairs and public office.

**Contact Information:**

Liberal Arts and Sciences, The College of  
School of Civic & Economic Thought and Leadership  
<https://scetl.asu.edu/>  
COOR 6611  
scetladvising@asu.edu  
480-965-0155

## Civic and Economic Thought and Leadership, BS (LACETLBS)

**Campus:** Tempe

**Program Description:** The BS program in civic and economic thought and leadership incorporates the study of political philosophy, economic thought, history and American politics.

Faculty engage students through the Socratic method, which challenges students to analyze the complex topics impacting lives today. Students refine their ability to read closely, think analytically, write carefully and speak effectively. The curriculum, combined with outside-the-classroom leadership experiences, prepares students with the broad, academic foundation they will use throughout their careers.

Students have the opportunity to intern on Capitol Hill, in congressional offices in their district, with nonprofits around the country or in an opportunity of their academic interest. They engage with world-renowned scholars and experts who visit ASU for large lectures and intimate seminars through the school's public programs and civic outreach initiatives, and they are able to apply for one of the school's Global Intensive Experiences, which study service and leadership in places such as Israel and the West Bank, India, and South Africa.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit the college's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Classical Liberal Education and Leadership, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LACETLBS~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

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**Global Opportunities:**

Global Experience: Students studying civic and economic thought and leadership gain valuable leadership and communication skills through unique study abroad experiences (<https://goglobal.asu.edu/>) across the globe. Programs can be found in a variety of countries. When studying abroad, students expand their scope of learning beyond the classroom and gain hands-on experience in different and exciting cultures.

**Career Opportunities:** Graduates are inspired and prepared to lead and serve in civil society, public affairs or government, and the internships provide the practical professional experience that employers desire.

Some career paths graduates might pursue include business, education, government, law, politics, national security affairs and public office.

**Contact Information:**

Liberal Arts and Sciences, The College of  
School of Civic & Economic Thought and Leadership  
<https://scetl.asu.edu/>  
COOR 6611  
[scetladvising@asu.edu](mailto:scetladvising@asu.edu)  
480-965-0155

## Communication, BA (LACOMBA)

**Campus:** Tempe, Online

**Program Description:** The BA program in communication focuses on how message processes create, maintain and transform identities, relationships, workplaces and communities.

This program provides a culturally based liberal arts focus with a second language requirement. Such courses and activities allow students to explore many fascinating questions, such as how messages can optimally advocate for a cause, sports team or organization; how people can communicate creatively in a variety of settings and styles; how valid messages differ from invalid messages; how and why cultural differences make communication difficult; and why some topics are difficult to discuss and consistently lead to conflict.

Through rigorous coursework and rewarding applied experiences, students gain effective communication skills that are highly sought by employers. Students learn to write and speak effectively and are able to convey complex ideas simply. They are prepared for employment in communication-intensive fields or for graduate study.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit the college's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

**Additional Program Fee:** Y

**Second Language Requirement:** Yes

**First Required Math Course:** MAT 142 - College Mathematics OR any math course that meets the MA designation

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Communication, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: Students who have attended previously ASU and are returning to the university with transfer credit must have a minimum ASU cumulative GPA of 2.00 in order to be admitted into the Hugh Downs School of Human Communication.

Transfer Admission Requirements: Students who are transferring into ASU must meet current university admission requirements.

**Change of Major Requirements:** Current ASU students who would like to change their major to the BA in communication must have a minimum cumulative GPA of 2.00.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/communication-degree-ba/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LACOMBA~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: With more than 300 Global Education programs options available, students may engage in a unique and exciting opportunity to gain intercultural experience through international programs of study which they are able to tailor according to their experience and their unique interests and skills.

Whether in a foreign country, in the U.S. or online, students in communication develop critical teamwork and problem-solving skills, expand their knowledge of the liberal arts through lenses of different cultures, and are able to improve their language and cross-cultural skills for effective communication across populations.

The College of Liberal Arts and Sciences recommends these study abroad programs (<https://goglobal.asu.edu/students/major/communication>) for students majoring in communication.

**Career Opportunities:** Graduates often attend leading graduate schools in communication, law or business or find gainful employment in careers in the areas of:

- campaign management
- counseling
- event planning
- health care management
- human resource management
- intercultural relations
- marketing
- nonprofit management
- public relations
- sales

**Contact Information:**

Liberal Arts and Sciences, The College of  
Hugh Downs School of Human Communication

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## Communication, BS (LACOMBS)

**Campus:** Tempe, Online

**Program Description:** The BS program in communication focuses on how message processes create, maintain and transform identities, relationships, workplaces and communities. This degree program provides a liberal arts grounding and a social science focus. The courses and activities allow students to explore many fascinating questions, such as:

- In what ways can messages convince people to eliminate negative health behaviors?
- When, how and why do cultural differences make it difficult to communicate?
- Why are some topics difficult to discuss and consistently lead to conflict?
- Why do people differ in how committed they are to their work?
- Why do some relationships flourish while others fade away?

Through rigorous coursework and rewarding applied experiences, students gain effective communication skills that are highly sought by employers. Students learn to write and speak effectively and to convey complex ideas simply, preparing them for employment in a variety of career fields as well as for graduate study.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit the college's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics OR any math course that meets the MA designation

**Program Math Intensity:** General

### Concurrent Program Options:

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

### Accelerated Program Options:

This program allows students to choose a 3-year path while participating in the same high-quality educational experience of a 4-year option. Students can opt to fast-track their studies after acceptance into a participating program by connecting with their academic advisor. Fast track options appear at the top of the major map.

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

Communication, MA  
Global Management, MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

### Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Additional Requirements:** Students who have previously attended ASU and are returning to the university with transfer credit must have a minimum ASU cumulative GPA of 2.00 in order to be admitted into the Hugh Downs School of Human Communication.

**Transfer Admission Requirements:** Students who are transferring into ASU must meet current university admission requirements.

**Change of Major Requirements:** Current ASU students who would like to change their major to communication must have a minimum cumulative



GPA of 2.00.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-communication/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LACOMBS~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: With over 300 options available, Global Education programs (<https://goglobal.asu.edu/>) allow students to tailor their experience to their unique interests and skill sets. Students may engage in a unique and exciting opportunity to gain intercultural experience through tailored international programs of study. Students improve language and cross-cultural skills for effective communication, develop critical teamwork and problem-solving skills, and expand their knowledge of the liberal arts through lenses of different cultures.

Whether in a foreign country, in the U.S. or online, students in communication are able to improve their language and cross cultural skills for effective communication across populations. The College of Liberal Arts and Sciences recommends these study abroad programs (<https://goglobal.asu.edu/students/major/communication>) for students majoring in communication.

**Career Opportunities:** Graduates often attend leading graduate schools in communication, law or business schools, or find gainful employment in careers in the areas of:

- campaign management
- counseling
- event planning
- health care management
- human resource management
- intercultural relations
- marketing
- nonprofit management
- public relations
- sales

**Contact Information:**

Liberal Arts and Sciences, The College of  
Hugh Downs School of Human Communication  
<https://humancommunication.asu.edu/>  
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[communication@asu.edu](mailto:communication@asu.edu)  
480-965-5095

## Computational Mathematical Sciences, BS (LACMSBS)

**Campus:** Tempe

**Program Description:** This BS program in computational mathematical sciences is a fusion of mathematics, science and computing. Students in this program learn how to translate science and engineering problems into mathematical problems and solve them using computing algorithms. They develop strong problem-solving, analytical and programming skills as they work across diverse areas of science and mathematics.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit the college's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 270 - Calculus w/Analytic Geometry I

**Program Math Intensity:** Substantial

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Mathematics, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LACMSBS~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Students gain valuable experience through study abroad in programs that allow students to tailor their experience to their unique interests and skill sets, and they gain hands-on experience. Whether in a foreign country, in the U.S. or online, students are able to build communication skills, are challenged to adapt and persevere, and are exposed to differences which enables them to increase their ability to work with diverse groups of people.

Each of the more than 300 Global Education program (<https://goglobal.asu.edu/>) options available around the world provide an opportunity for students to develop a valuable skill set that can give them an advantage in their career and personal enrichment.

**Career Opportunities:** In a recent study, mathematics, computer science, applied mathematics and statistics all ranked among the top 15 most valuable college majors in terms of salary and career prospects. The computational mathematical sciences program brings all these disciplines together.

A bachelor's degree in computational mathematical sciences is one of the most versatile math degrees, offering graduates many career options. This degree positions them for careers in computer technology, business, medical research, teaching and education, engineering and more. Some pursue graduate opportunities in areas such as biophysics, economics, medicine and statistics. Diverse areas of study such as cancer modeling, weather forecasting and financial modeling all involve computational mathematical sciences.

**Contact Information:**

Liberal Arts and Sciences, The College of  
School of Mathematical and Statistical Sciences  
<https://math.asu.edu>  
WXMLR 216  
[math@asu.edu](mailto:math@asu.edu)  
480-965-7195

## Culture, Technology and Environment, BA (LACTEBA)

**Campus:** Tempe

**Program Description:** The BA in culture, technology and environment is a collaborative program offered by the Humanities division in The College of Liberal Arts and Sciences. Students take a humanistic approach to address issues surrounding:

- culture: approaching equitable and diverse global citizenship through the study of culture and language
- environment: addressing climate change, biodiversity loss, pollution and environmental justice through the arts and humanities
- technology: bringing humanities thinking to the human and ethical challenges of a world shaped by technology

Courses include studies in English, film and media studies, history, philosophy, religious studies, languages and cultures. Students also complete a core of classes that provide context and grounding, as well as hands-on experience in identifying challenges and developing solutions.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit the college's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

**Additional Program Fee:** N

**Second Language Requirement:** Yes

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LACTEBA-null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Study abroad expands students' perspectives by exposing them to new and unique cultures, communities and people. Students can explore the English language at a deeper level through an extended lens of literature, dialects and rhetoric in one of more than 300 Global Education programs (<https://goglobal.asu.edu/>). Students who study abroad gain heightened cultural competency and communication and critical thinking skills, which enhance their educational experience and their resumes.

**Career Opportunities:** Potential career fields include:

- climate change or policy analysis
- documentary writing or producing
- environmental law
- journalism
- nature or science writing
- nonprofit leadership and management
- technical writing

**Contact Information:**

Liberal Arts and Sciences, The College of  
 Department of English  
<https://english.asu.edu/>  
 RBHL 170  
 englishadvising@asu.edu  
 480-965-3168

## Data Science, BS (LADATSCIBS)

**Campus:** Tempe, Online

**Program Description:** Modern science and technology use sophisticated mathematical and computational tools to extract patterns from large, complex and often unordered data sets. Machine learning and data mining are invaluable technologies, with applications as diverse as detecting fraudulent online credit-card transactions, understanding the dynamics of social movements, and personalizing medical treatments based on a tumor's unique genetic profile.

The BS program in data science prepares students to be critical analysts and users of data in a variety of areas such as business, research and government. This transdisciplinary program allows students to choose a focus area from a variety of fields to center their understanding of data science. With a mathematical core consisting of linear algebra, statistical inference and classification, data mining, machine learning and associated computer methods, students leave the program with a strong background in data-related skills that are useful in solving real-world issues.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit the college's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 270 - Calculus w/Analytic Geometry I or MAT 265 Calculus for Engineers I

**Program Math Intensity:** Substantial

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/data-science-online-degree/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LADATSCIBS~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Global Opportunities:**

Global Experience: With over 300 programs in more than 65 countries (programs vary in length, from one week to one year), participation in Global Educations programs (<https://goglobal.asu.edu/>) is possible for all ASU students who wish to acquire a global perspective and knowledge in preparation for a forward-thinking career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs.

**Career Opportunities:** Glassdoor.com ranks data scientist as second in the top 50 Best Jobs in America and reports the average annual salary in 2021 for data scientists was \$113,736. The McKinsey Global Institute projects a shortage of qualified workers with deep analytical skills. Graduates of the data science program possess skills related to data analysis, data prediction models and ethical uses of research data, helping them to meet the expressed needs of society.

Graduates of this program work in a variety of fields such as governmental research, education, health services, consumer behavior and business.

#### **Contact Information:**

Liberal Arts and Sciences, The College of  
School of Mathematical and Statistical Sciences  
<https://math.asu.edu>  
WXLR 216  
[math@asu.edu](mailto:math@asu.edu)  
480-965-7195

## **Earth and Environmental Studies, BA (LAEESBA)**

**Campus:** Tempe

**Program Description:** The BA program in earth and environmental studies provides a foundational understanding of the evolution of the earth system with an emphasis on the planetary context for sustainable human societies.

The degree program includes broad training in the physical sciences, especially process-oriented geosciences that focus on Earth's life-sustaining surface environment. Advanced courses focus on topics, including:

- climate change
- earth's water, energy and material resources
- impact of land-use change on human civilization
- physical, chemical and biological process interactions that define Earth's evolution

This is designed as a liberal arts program with an emphasis on basic scientific literacy, not as a preparatory degree program for graduate study in the natural sciences.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit the college's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

#### **STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** Yes

**First Required Math Course:** MAT 117 - College Algebra or higher

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAEESBA-null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Not only is the physical environment varied across the globe, so is the human treatment of it. Global Education allows students to gain a deeper understanding of the global environment, how culture affects the environment, and how to best communicate environmental research to a diverse audience. Programs are offered in a variety of countries around the world.

**Career Opportunities:** With a breadth of knowledge and experience and the acquired skills to integrate various domains of knowledge, graduates are prepared for a variety of careers that position them to help find solutions to tomorrow's environmental and sustainability challenges. Recent environmental awareness in business and government has also resulted in new employment opportunities (e.g., environmental coordinators, directors and managers).

Sample careers include:

- environmental reporting
- education
- management
- public planning
- environmental administrative staff

Sample career settings include:

- governmental agencies
- museums
- nongovernmental organizations
- nonprofit organizations
- publishing companies
- regulatory agencies
- utilities

Graduates are also well prepared for admission to strong professional schools in fields outside the natural sciences.

**Contact Information:**

Liberal Arts and Sciences, The College of  
School of Earth and Space Exploration  
<https://sese.asu.edu/>  
ISTB4 795  
[sese-advising@asu.edu](mailto:sese-advising@asu.edu)

## Earth and Space Exploration, BS (LASESBS)

**Campus:** Tempe

**Program Description:** The BS program in earth and space exploration offers students an integrated education across earth sciences, planetary sciences, astrophysics and engineering. The degree program incorporates a learning community that includes science and engineering students, a yearlong collaborative capstone senior exploration project and strong quantitative preparation.

This strong foundation in geosciences, astrophysics and exploration engineering prepares students for key roles in earth resources and exploration, environmental and geologic engineering, space research and industry, and water and environmental use policy.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit the college's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

### **STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 265 - Calculus for Engineers I

**Program Math Intensity:** Substantial

### **Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

### **Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

- Astrophysics and Astronomy, MS
- Exploration Systems Design (Instrumentation), MS
- Exploration Systems Design (Sensor Networks), MS
- Exploration Systems Design (Systems Engineering), MS
- Exploration Systems Design, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

### **Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LASESBS-null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in

their college journey.

**Global Opportunities:**

Global Experience: Space exploration is an international endeavor, and an international experience provides students opportunities for cross-cultural engagement and improving language and communication skills. Global Education (<https://goglobal.asu.edu/>) allows students to take relevant classes while living in another country. Each of the more than 300 Global Education program options provide an opportunity for students to develop a valuable skill set that can give them an advantage in their career and personal enrichment. Whether in a foreign country, in the U.S. or online, Global Education programs encourage students to build communication skills, challenge them to adapt and persevere, expose them to differences across the world and increase their ability to work with diverse groups of people.

**Career Opportunities:** The earth and space exploration major addresses critical future shortfalls in the national and regional training of the next generation of geoscientists and aerospace engineers.

Arizona has an expanding space industry with major new investments and is prepared to engage new technologies to monitor and understand environmental issues in Arizona, the Southwest and throughout the world.

Graduates with a Bachelor of Science in earth and space exploration have the tools, knowledge and understanding to address key problems of a global nature, whether they are working in the private or public sector.

**Contact Information:**

Liberal Arts and Sciences, The College of  
School of Earth and Space Exploration  
<https://sese.asu.edu/>  
ISTB4 795  
sese-advising@asu.edu  
480-965-5081

## Earth and Space Exploration (Astrobiology and Biogeosciences), BS (LASESABBS)

**Campus:** Tempe

**Program Description:** Astrobiology studies the origins, evolution, distribution and future of life in the universe. Biogeoscience focuses on the interaction of biological, geological and chemical processes on Earth in the present, past and future. These topics are closely related because the concepts of biogeoscience inform the study of planetary habitability and the search for habitable worlds.

Therefore, the astrobiology and biogeoscience concentration in the BS program in earth and space exploration is designed to offer students a strong foundation for exploring the interaction of geological and biological processes and understanding how such interactions sustain life on Earth and how they might operate on other planets. Those with this necessary scientific background contribute to the search for life on other planets, explore the life of extreme environments here on Earth and better understand how life on Earth responds to past, current and future global changes.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit the college's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 265 - Calculus for Engineers I or higher

**Program Math Intensity:** Substantial

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Astrophysics and Astronomy, MS  
Exploration Systems Design (Instrumentation), MS



Exploration Systems Design (Sensor Networks), MS  
Exploration Systems Design (Systems Engineering), MS  
Exploration Systems Design, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

#### **Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LASESABBS~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Global Opportunities:**

Global Experience: Space exploration is an international endeavor, and an international experience provides students opportunities for cross-cultural engagement and improving language and communication skills. Global Education (<https://goglobal.asu.edu/>) allows students to take relevant classes while living in another country. Each of the more than 300 Global Education program options provide an opportunity for students to develop a valuable skill set that can give them an advantage in their career and personal enrichment. Whether in a foreign country, in the U.S. or online, Global Education programs encourage students to build communication skills, challenge them to adapt and persevere, expose them to differences across the world and increase their ability to work with diverse groups of people.

**Career Opportunities:** Graduates of the astrobiology and biogeosciences program are well prepared for graduate studies in these fields. Because astrobiology is increasingly the motivation for space science exploration missions, they are also well suited for entry-level careers in space science research. The degree program also provides broad training across a range of sciences, giving students a strong background for careers in biomedical, environmental or sustainability areas.

#### **Contact Information:**

Liberal Arts and Sciences, The College of  
School of Earth and Space Exploration

<https://sese.asu.edu/>

ISTB4 795

[sese-advising@asu.edu](mailto:sese-advising@asu.edu)

480-965-5081

## **Earth and Space Exploration (Astrophysics), BS (LASESABS)**

**Campus:** Tempe

**Program Description:** The BS program in earth and space exploration with a concentration in astrophysics is designed to offer students a fundamental grounding in astronomy and astrophysics, with exposure to the related fields of geology, planetary science and engineering.

Students of the astrophysics major develop a background in theoretical modeling and observational techniques of galactic and stellar astronomy, extragalactic astronomy and cosmology. They learn to think critically about scientific problems by reducing the complexity to more tractable components.

The rigorous and quantitative coursework includes a combination of physics courses taught in the ASU School of Earth and Space Exploration and the Department of Physics. The tools of astronomical discovery are increasingly dependent on technological advances, and students are exposed to engineering principles and computer programming. Through the capstone project in the senior year, students gain valuable experience in translating science drivers into engineering solutions.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 270 - Calculus w/Analytic Geometry I

**Program Math Intensity:** Substantial

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

- Astrophysics and Astronomy, MS
- Exploration Systems Design (Instrumentation), MS
- Exploration Systems Design (Sensor Networks), MS
- Exploration Systems Design (Systems Engineering), MS
- Exploration Systems Design, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LASESABS-null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Space exploration is an international endeavor, and an international experience provides students opportunities for cross-cultural engagement and improving language and communication skills. Global Education (<https://goglobal.asu.edu/>) allows students to take relevant classes while living in another country. Each of the more than 300 Global Education program options provide an opportunity for students to develop a valuable skill set that can give them an advantage in their career and personal enrichment. Whether in a foreign country, in the U.S. or online, Global Education programs encourage students to build communication skills, challenge them to adapt and persevere, expose them to differences across the world and increase their ability to work with diverse groups of people.

**Career Opportunities:** Graduates possess the skills required for a career in astrophysics, physics and related fields. They also are prepared to

pursue graduate school in astrophysics or to perform laboratory research or data-intensive analyses that enable scientific progress or inform public policy.

Career opportunities include:

- aerospace engineer
- astrobiologist
- astronomer
- computer programmer
- data analyst
- instrumentation specialist
- planetary scientist
- science policy intern
- science writer
- teacher
- telescope operator

Career settings include:

- federal government
- K-12 schools
- manufacturing
- museums
- NASA facilities
- national laboratories
- NSF facilities
- observatories
- planetariums
- publishing
- space industries
- universities and colleges

**Contact Information:**

Liberal Arts and Sciences, The College of  
School of Earth and Space Exploration

<https://sese.asu.edu/>

ISTB4 795

[sese-advising@asu.edu](mailto:sese-advising@asu.edu)

480-965-5081

## Earth and Space Exploration (Exploration Systems Design), BS (LASESESDBS)

**Campus:** Tempe

**Program Description:** The BS program in earth and space exploration with a concentration in exploration systems design offers students a fundamental curriculum in geology, physics and astrophysics while providing tools that enable them to design and build hardware and software to explore Earth and the universe beyond.

The program has a rigorous and quantitative grounding in the fundamentals of physics, mathematics and chemistry. Upon that foundation, students learn how to design hardware and software for scientific exploration. Coursework focuses on conceiving the requirements needed for a mission or project destined for space or extreme environments on Earth.

Each student in this program has the opportunity to learn how projects and missions are designed and planned, starting with the scientific drivers and then defining engineering specifications. All students are expected to complete a senior project that takes a desired scientific measurement and realizes the technological solution to achieve the observation.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website for more information and requirements.

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 265 - Calculus for Engineers I

**Program Math Intensity:** Substantial

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

- Astrophysics and Astronomy, MS
- Electrical Engineering, MSE
- Exploration Systems Design (Instrumentation), MS
- Exploration Systems Design (Sensor Networks), MS
- Exploration Systems Design (Systems Engineering), MS
- Exploration Systems Design, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LASESESDBS~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Space exploration is an international endeavor, and an international experience provides students opportunities for cross-cultural engagement and improving language and communication skills. Global Education (<https://goglobal.asu.edu/>) allows students to take relevant classes while living in another country. Each of the more than 300 Global Education program options provide an opportunity for you to develop a valuable skill set that can give you an advantage in your career and personal enrichment. Whether in a foreign country, in the U.S. or online, Global Education programs encourage you to build communication skills, challenge you to adapt and persevere, expose you to differences across the world and increase your ability to work with diverse groups of people.

**Career Opportunities:** Career opportunities include:

- astronomer
- geoscientist
- planetary scientist
- science policy intern
- science writer
- scientific instrumentation specialist
- space systems engineer
- systems engineer

Sample career settings include:

- aerospace industry
- federal government
- manufacturing
- NASA centers
- national laboratories
- observatories
- publishers
- space industries
- universities and colleges

This program also provides suitable preparation for graduate study.

**Contact Information:**

Liberal Arts and Sciences, The College of  
School of Earth and Space Exploration  
<https://sese.asu.edu/>  
ISTB4 795  
sese-advising@asu.edu  
480-965-5081

## Earth and Space Exploration (Geological Sciences), BS (LASESGSBS)

**Campus:** Tempe

**Program Description:** Geological science is the study of earth and other planets with an emphasis on the processes that have shaped them since the origin of the solar system. Students explore topics such as the co-evolution of life, oceans, atmosphere and the earth's climate system, and the record of that evolution encoded in rocks, soil, ice and isotopes.

The BS program in earth and space exploration with a concentration in geological sciences educates students in the fundamentals of geological sciences, providing a solid background in chemistry, mathematics and physics as well as mineralogy, structural geology, field geology and a variety of geologic subdisciplines.

Students gain a strong understanding of field methods as well as modern computing, remote sensing and instrumentation to effectively study the natural environment and earth's resources. Graduates of the program can apply their knowledge for the benefit of Arizona, the nation and society in general.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit the college's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 265 - Calculus for Engineers I or higher

**Program Math Intensity:** Substantial

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

- Astrophysics and Astronomy, MS
- Exploration Systems Design (Instrumentation), MS
- Exploration Systems Design (Sensor Networks), MS
- Exploration Systems Design (Systems Engineering), MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LASESGSBS-null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: With over 300 programs available, Global Education allows students in the geological sciences concentration to gain hands-on experience in a variety of programs all over the world.

Graduates who possess the heightened cultural competency and leadership and critical thinking skills they acquired through study abroad may stand out in a competitive field.

**Career Opportunities:** Graduates in geological sciences are prepared for employment in a variety of geoscience-related fields and for continued studies toward higher educational degrees. The geological science degree program provides broad training in the geosciences and supporting sciences, opening up diverse opportunities for employment in industry, government, education and other organizations. Geological science graduates understand how to approach diverse societal issues, such as water resources, mineral resources, geologic hazards, engineering geology and government regulations.

Sample careers include:

- environmental geologist
- geological engineer
- geologist
- government geologist
- mineral exploration geologist
- petroleum geologist
- science policy intern
- science writer
- water resources scientist

Sample career settings include:

- environmental industry
- federal, state, and local government agencies
- geotechnical industry
- museums
- petroleum industry
- publishers
- small exploration companies and large mining companies

**Contact Information:**

Liberal Arts and Sciences, The College of

School of Earth and Space Exploration  
<https://sese.asu.edu/>  
ISTB4 795  
sese-advising@asu.edu  
480-965-5081

## Economics, BS (LAECNBS)

**Campus:** Tempe, Online

**Program Description:** The Department of Economics at ASU provides highest quality instruction to students, conducts cutting-edge research in economics, and provides leadership and service to its professional communities.

The BS program in economics is built on a strong core of micro- and macroeconomic theory, supplemented by mathematics, statistics and data analysis. All students customize their program by choosing topical courses to suit individual goals and interests. The flexibility of the Bachelor of Science degree offered by the College of Liberal Arts and Sciences allows students to supplement their study of economics with elective coursework offered by the college and the university to broaden their knowledge and skills and individualize their learning experience.

Students currently enrolled in the program may not pursue a concurrent degree with the BS in politics or the economy or the BS in economics, offered by the W. P. Carey School of Business, due to the high level of overlap in curriculum. If students need further information, they should speak with their academic advisor.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit the college's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

### **STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 210 - Brief CalculusAny math course that meets the MA designation, except MAT 142 College Mathematics.

**Program Math Intensity:** Moderate

### **Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

### **Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

Global Management, MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

### **Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

### **Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's

ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/economics-bs-college-liberal-arts-and-sciences/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAECNBS~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: The world is increasingly interconnected, and study abroad allows students to explore economics in other countries while developing in-demand professional skills like cross-cultural communication and problem-solving. Summer programs can provide experience at international financial institutions which helps students increase their understanding of economics on a global scale. Students can learn more on the Global Education (<https://goglobal.asu.edu/>) website.

**Career Opportunities:** Graduates possess the analytical tools and critical thinking skills that have led some to placements with top private companies and consulting firms and within government. Others have landed research assistantships with the Federal Reserve and other nonprofit research institutions.

Those choosing to continue their studies have earned admission to top master's degree and doctoral programs in the U.S. and abroad. Economics is considered one of the best majors as preparation for law school, and some graduates have gone on to the best law schools in the country.

**Contact Information:**

Liberal Arts and Sciences, The College of  
Economics Program in CLAS  
<https://wpcarey.asu.edu/economics-degrees/undergraduate>  
CRTVC 412  
wpcareyecn@asu.edu  
480-965-3531

## Economics (Politics and the Economy), BS (LAECNPECBS)

**Campus:** Tempe

**Program Description:** The concentration in politics and the economy serves undergraduate students in the BS program in economics who wish to pursue careers in business, economic and political consulting, political science, law and government.

In addition to coursework drawn from economics, the concentration also requires coursework that highlights the impact of government policies on the economy and the conditions under which government interventions may be warranted. Students take political science courses that provide a deep understanding of political processes and institutions as well as methodologies for understanding that behavior.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit the college's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** Any math course that meets the MA designation, except MAT 142 College Mathematics.

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:



Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAECNPECBS-null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: The world is increasingly interconnected, and study abroad allows students to explore economics in other countries while developing in-demand professional skills like cross-cultural communication and problem-solving. Summer programs can provide experience at international financial institutions and help students increase their understanding of economics on a global scale.

Students can learn more on the Global Education website (<https://goglobal.asu.edu/>).

**Career Opportunities:** Graduates are well prepared for successful careers in business, economic and political consulting, law and government, whether they seek employment immediately upon graduation or they choose to pursue advanced degrees in law, business, economics or political science.

**Contact Information:**

Liberal Arts and Sciences, The College of  
Economics Program in CLAS

<https://wpcarey.asu.edu/economics-degrees/undergraduate>

CRTVC 412

wpcareyecn@asu.edu

480-965-3531

## English, BA (LAENGBA)

**Campus:** Online

**Program Description:** The BA program in English is offered completely online.

Students supplement a core focus on critical studies and analysis with courses chosen from literature, linguistics, film and media and creative and nonfiction writing to complete a robust program of study.

This undergraduate program in English studies prepares students for an ever-expanding variety of careers or for continuing their studies in graduate and professional programs.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit the college's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

**Additional Program Fee:** Y

**Second Language Requirement:** Yes

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to choose a 3-year path while participating in the same high-quality educational experience of a 4-year option. Students can opt to fast-track their studies after acceptance into a participating program by connecting with their academic advisor. Fast track options appear at the top of the major map.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-english/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAENGBA~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Define and utilize key terms and conventions of literary, linguistics, and rhetorical scholarship.
- Analyze the formal construction of texts from diverse rhetorical and literary traditions to explain how they function.
- Compose original texts that situate their interpretations in conversation with multiple perspectives.

**Global Opportunities:**

Global Experience: Studying abroad (<https://goglobal.asu.edu/>) expands students' perspectives by exposing them to new and unique cultures, communities and people. Students can explore the English language at a deeper level through an extended lens of dialects, literature and terminology in one of over 300 study abroad programs.

Students can enhance their resumes and educational experience with the heightened cultural competency, communication and critical thinking skills they acquire through study abroad.

The College of Liberal Arts and Sciences recommends these study abroad programs (<https://goglobal.asu.edu/students/major/english>) for students majoring in English.

**Career Opportunities:** Degree programs in English prepare students for a variety of careers in diverse fields. Employers seek those with strong writing and communication skills and the ability to think critically. Some of the most common professions for English majors are in these fields:

- business
- editing
- journalism
- law
- nonprofit organizations
- professional and technical writing
- public relations
- publishing
- teaching
- web content development

**Contact Information:**

Liberal Arts and Sciences, The College of  
 Department of English  
<https://english.asu.edu/>  
 RBHL 170  
[englishadvising@asu.edu](mailto:englishadvising@asu.edu)  
 480-965-3168

## English (Creative Writing), BA (LAENGCBBA)

**Campus:** Tempe

**Program Description:** Students in the creative writing concentration of the BA program in English study and practice the art of writing poetry and fiction.

Students gain practical experience through writing workshops and internship opportunities that prepare them for an ever-expanding variety of careers in writing, publishing, editing, teaching, media and public relations. The undergraduate program also prepares students to continue their studies in graduate and professional programs.

The undergraduate program features an outstanding faculty that has published more than 80 books and has garnered national and international attention and awards.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit the college's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

**Additional Program Fee:** Y

**Second Language Requirement:** Yes

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

English, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAENGCB~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Production of a portfolio of creative writing: original poetry or fiction, with attention to content and form, via significant revision process informed by craft lessons.
- Students will evaluate a work-in-progress in poetry or fiction and provide constructive feedback.
- Students will be able to produce literary works (poems and stories) held to have merit by class peers and professor.

**Global Opportunities:**

Global Experience: Study abroad (<https://goglobal.asu.edu/>) expands students' perspectives by exposing them to new and unique cultures, communities and people. Students can explore the English language at a deeper level through an extended lens of dialects, literature and terminology in one of over 300 study abroad programs.

Students can enhance their resumes with the educational experience and heightened cultural competency, communication and critical thinking skills they acquire through study abroad.

The College of Liberal Arts and Sciences recommends these study abroad programs (<https://goglobal.asu.edu/students/major/english.>) for students majoring in English with a concentration in creative writing.

**Career Opportunities:** Employers in all fields are always looking for individuals with strong writing and communication skills and the ability to think critically, skills that a bachelor's degree in English with a concentration in creative writing provides. Some of the most common professions for English majors are in these fields:

- business
- editing
- journalism
- law
- medicine
- nonprofit community service
- professional writing
- public relations
- publishing
- teaching
- web content development

**Contact Information:**

Liberal Arts and Sciences, The College of  
Department of English  
<https://english.asu.edu/>  
RBHL 170  
[englishadvising@asu.edu](mailto:englishadvising@asu.edu)  
480-965-3168

## English (Linguistics), BA (LAENGNBA)

**Campus:** Tempe

**Program Description:** Students in the linguistics concentration of the BA program in English focus on the history and structure of language. Students have the opportunity to study with distinguished faculty actively engaged in scholarly research and to gain practical experience through internships that prepare them for an ever-expanding variety of careers. The program also prepares students to continue their studies in graduate

and professional programs.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit the college's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

**Additional Program Fee:** Y

**Second Language Requirement:** Yes

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Linguistics and Applied Linguistics, MA  
Teaching English to Speakers of Other Languages, MTESOL

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAENGNBA~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Conceptual expertise: Graduates of this program will be able to identify foundational concepts, topics and concerns in linguistics and applied linguistics.
- Analytical expertise: Graduates of this program will be able to analyze and solve language- and communication-related problems by identifying and applying appropriate linguistic and applied linguistic tools and theory.
- Disciplinary and domain expertise: Graduates of this program will be able to extend their knowledge of the various forms and functions of language and how that relates to the major domains or subfields of linguistics and applied linguistics.

**Global Opportunities:**

Global Experience: Study abroad (<https://goglobal.asu.edu/>) expands students' perspectives by exposing them to new and unique cultures, communities and people. Students can explore the English language at a deeper level through an extended lens of dialects, literature and terminology in one of over 300 study abroad programs.

Students' resumes are enhanced with the educational experience and heightened cultural competency, communication and critical thinking skills they gain through study abroad.

The College of Liberal Arts and Sciences recommends these study abroad programs (<https://goglobal.asu.edu/students/major/english>) for students majoring in English with a concentration in linguistics.

**Career Opportunities:** With a degree in English, graduates' career options are virtually endless. Employers in all fields are always looking for workers with strong writing and other communication skills and the ability to think critically. Some of the most common professions for English majors are in these fields:

- business
- journalism
- law
- nonprofit community service
- professional writing and editing
- public relations
- publishing
- teaching
- web content development

**Contact Information:**

Liberal Arts and Sciences, The College of  
Department of English  
<https://english.asu.edu/>  
RBHL 170  
[englishadvising@asu.edu](mailto:englishadvising@asu.edu)  
480-965-3168

## English (Literature), BA (LAENGTBA)

**Campus:** Tempe

**Program Description:** The BA program in English literature guides students through the earliest texts and cultures in English to contemporary expressions, on paper, online, and in the world. In learning to read critically, analyze narratives and understand how stories work to define the human experience, students can consider problems and find solutions while at the same time developing written and oral communication skills.

Students have the opportunity to engage with internationally renowned faculty in exploring literature, critical theories and methods from around the world. Students choose from a broad array of courses to further explore subjects such as race and ethnicity, gender and sexuality, and literary histories and traditions.

Students gain practical experience through research, writing, and internships that prepare them for an ever-expanding variety of careers as well as for continuing their studies in graduate and professional programs.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit the college's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

**Additional Program Fee:** Y

**Second Language Requirement:** Yes

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

English, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply

(<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAENGTBA~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Analyze literary and cultural texts from a variety of critical and methodological perspectives.
- Produce effective and well-supported arguments about literary and cultural texts written in the English language.
- Produce critical arguments in response to other members of a discourse community about literature or other media.

**Global Opportunities:**

Global Experience: Study abroad (<https://goglobal.asu.edu/>) expands students' perspectives by exposing them to new and unique cultures, communities and people. Students can explore English literature at a deeper level through the places where great works were written, in one of more than 300 study abroad programs.

Students' resumes are enhanced with the educational experience and heightened cultural competency, communication and critical thinking skills they acquired through study abroad.

The College of Liberal Arts and Sciences recommends these study abroad programs (<https://goglobal.asu.edu/students/major/english>) for students majoring in English with a concentration in literature.

**Career Opportunities:** With a degree in English, graduates' career options are virtually endless. Employers in all fields are always looking for those with strong writing and other communication skills and the ability to think critically. Some of the most common professions for English majors are in these fields:

- business
- journalism
- law
- medicine
- nonprofit community service
- professional writing and editing
- public relations
- publishing
- teaching
- web content development

**Contact Information:**

Liberal Arts and Sciences, The College of

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RBHL 170

[englishadvising@asu.edu](mailto:englishadvising@asu.edu)

480-965-3168

## English (Secondary Education), BA (LAENGSEBA)

**Campus:** Tempe

**Program Description:** The BA program in English with a concentration in secondary education focuses on rigorous content in literature, composition, linguistics and secondary teaching pedagogy. This program provides extensive preparation for meeting the needs of all student populations, including attention to levels of academic performance and cultural and linguistic diversity.

Students finish the program with Arizona Department of Education certification for middle and high school English language arts. Both a fingerprint clearance and a background check are required in the second year of the program.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit the college's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

**Additional Program Fee:** Y

**Second Language Requirement:** Yes

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

### Concurrent Program Options:

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

### Accelerated Program Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

English Education, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

### Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

### Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAENGSEBA~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

### Program Learning Outcomes:

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Analyze current and historic issues in connection to teaching English language arts in secondary schools.
- Develop curriculum using English language arts content and pedagogical practices.
- Develop lesson plans for English language integrating best practices for limiting common learning problems



**Global Opportunities:**

Global Experience: Students wishing to pursue a future in education must understand the diverse set of experiences, backgrounds and cultures that can shape the students in their classrooms. Students can gain firsthand experience of a wide range of cultures and communities when they enhance their English degree with a Global Education program (<https://goglobal.asu.edu/>). With a diverse set of students and interests, the Department of English seeks to work with all students to create an international experience that meets their individual needs and goals.

In addition to providing a once in a lifetime opportunity to build their skills in a unique environment, Global Education programs also help them stand out in the job market long after graduation.

The College of Liberal Arts and Sciences recommends these study abroad programs (<https://goglobal.asu.edu/students/major/english>) for students majoring in English with a concentration in secondary education.

**Career Opportunities:** Students graduating with a bachelor's degree in English with a concentration in secondary education have tremendous opportunities for employment. With more than one million students in a state ranked seventh in the nation in population growth, the need for certified teachers in Arizona is self-evident. Arizona State University provides more of those teachers than any other institution of higher education.

In the last 15 years, ASU graduates have had their pick of teaching jobs around the valley and around the state. After student teaching in school districts in the greater Phoenix area or within one of the 22 Native American nations in the state, graduates are often hired to teach in the same school in which they completed their internship.

New teachers continue to be in demand because the predicted rate of population growth in Arizona is still strong and the retirement rate of teachers is increasing.

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

**Contact Information:**

Liberal Arts and Sciences, The College of  
Department of English  
<https://english.asu.edu/>  
RBHL 170  
englishadvising@asu.edu  
480-965-3168

## English (Writing, Rhetorics and Literacies), BA (LAENGWBA)

**Campus:** Tempe

**Program Description:** The BA program in English with a concentration in writing, rhetorics and literacies teaches students strategies for inquiry.

Students explore the ways in which communication creates knowledge and action. Students study how communication is constructed, circulated, reacted to and repurposed through time and place. Through differing tools of inquiry, students investigate the history, theories and methods of inquiry as well as pragmatic and social actions of rhetoric, writing and literacies.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit the college's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

**Additional Program Fee:** Y

**Second Language Requirement:** Yes

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

English, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAENGWBA~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Apply available theories and/or methods given the demands of the rhetorical situation at hand or the problem to be investigated.
- Identify and analyze the historic, cultural, and political contexts of rhetorical situations.
- Compose arguments that respond to context and can be circulated, reacted to, and repurposed by audiences for sharing in and across various professional, social, and personal contexts.

**Global Opportunities:**

Global Experience: Study abroad (<https://goglobal.asu.edu/>) expands students' perspectives by exposing them to new and unique cultures, communities and people. Students can explore the English language at a deeper level through an extended lens of literature, dialects and rhetoric.

Students who study abroad gain heightened cultural competency and communication and critical thinking skills, which enhance their educational experience and their resumes.

More than 300 study abroad programs are available. The College of Liberal Arts and Sciences recommends these programs (<https://goglobal.asu.edu/students/major/english>) to students majoring in English.

**Career Opportunities:** Career opportunities are vast for this concentration: in business, private companies, government, nonprofit organizations and anywhere where critical inquiry, innovative thinking, communication, decision-making, future studies and collaboration are valued and needed. This program also prepares students for further education in teaching, law and other professional programs.

**Contact Information:**

Liberal Arts and Sciences, The College of

Department of English

<https://english.asu.edu/>

RBHL 170

[englishadvising@asu.edu](mailto:englishadvising@asu.edu)

480-965-3168

## Family and Human Development, BS (LAFASBS)

**Campus:** Tempe, Online

**Program Description:** The BS degree program in family and human development focuses on contemporary issues in society and how they impact children and families.

Required courses give students the opportunity to learn about the stages of human development through the lifespan and specialize in particular stages (i.e., infancy, adolescence, aging). Students gain a deep understanding of the complicated dynamics of human relationships in families,

workplaces and communities.

Students can build on the foundational knowledge of development and relationships in the required core courses by taking elective courses that provide a specialized skill set. Students also may choose to participate in learning experiences outside of the classroom, including working in the Child Development Lab, working as a research assistant, and doing an internship. Proficiency in written communication, research methodology and data analysis are also gained in this family and human development program.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit the college's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-family-and-human-development/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAFASBS-null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Through study abroad, students can explore different cultures and social dynamics while developing in-demand professional skills, including teamwork and problem-solving. Opportunities available include home stays, which allow students to make connections with families in other countries. Students can stay on track academically while earning ASU credit over winter or spring break trips. More information is available on the Global Education website (<https://goglobal.asu.edu>).

The College of Liberal Arts and Sciences recommends these programs (<https://goglobal.asu.edu/students/major/ssfd/family-human-development>) to students majoring in family and human development.

**Career Opportunities:** A bachelor's degree in family and human development prepares students for a rewarding career in:

- business
- child and family advocacy

- education
- government
- social services

This program also provides excellent preparation for future graduate work in:

- counseling
- health-related professions
- law
- social work

**Contact Information:**

Liberal Arts and Sciences, The College of  
 Sanford School of Social and Family Dynamics  
<https://thesanfordschool.asu.edu/>  
 SS 144  
 advisor@asu.edu  
 480-965-6978

**Film (Film and Media Studies), BA (LAFMSBA)**

**Campus:** Tempe, Online

**Program Description:** The BA in film and media studies in ASU's Department of English provides a comprehensive analysis of film, television, digital media and screenwriting. It develops students into critically informed writers, storytellers, critics and consumers of film and media.

The program teaches students skill sets such as project research, critical thinking and effective crafting of media messages which can lead to employment opportunities in a wide range of fields.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit the college's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

**Additional Program Fee:** Y

**Second Language Requirement:** Yes

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-film-and-media-studies/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAFMSBA~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Students will be able to analyze the aesthetics of film, television and digital media texts.
- Students will be able to analyze the cultural significance of representations of class, gender, nation, race and sexuality in film, television and digital media.
- Students will be able to assess and analyze the business of film, television and digital media practices.

#### **Global Opportunities:**

Global Experience: Students gain valuable experience through study abroad, experience which enhances their resumes. With more than 300 programs available, Global Education programs (<http://goglobal.asu.edu>) allow students to tailor their experience to their distinctive interests and skill sets. In addition to providing a once in a lifetime opportunity, these programs also offer students the chance to hone their creative and communication skills in a unique environment.

The College of Liberal Arts and Sciences recommends these study abroad programs (<https://goglobal.asu.edu/students/major/film-media-studies>) for students majoring in film with a concentration in film and media studies.

**Career Opportunities:** Graduates with a degree in film and media studies possess skills that can be applied in a number of professional fields, including film, television, streaming, videogames, social media, marketing and communications, and in leadership roles within these areas of the media and entertainment industries:

- creative management
- criticism
- development
- marketing
- regulation
- teaching

Some graduates have gone on to pursue graduate studies at prestigious universities while others elect to begin their careers. Graduates are prepared for employment as executives, screenwriters, producers, reviewers, teachers, marketers, analysts and bloggers.

#### **Contact Information:**

Liberal Arts and Sciences, The College of  
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<https://english.asu.edu/>  
RBHL 170  
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480-965-3168

## **French, BA (LAFREBA)**

**Campus:** Tempe

**Program Description:** The BA program in French offers the opportunity to study the language, literature and culture of France and francophone countries.

Students gain competence in reading, writing, and oral and aural skills in the French language and take a number of related courses on topics such as:

- art
- cinema
- colonization
- government and political science
- history and civilization
- international business
- linguistics

- literature and theater
- popular culture
- religion

Students are encouraged to join the French Club to help them gain proficiency in the language. In addition, the School of International Letters and Cultures offers faculty-directed summer study abroad programs (<https://silc.asu.edu/silc-studyabroad>) in Lyon, France, and Quebec, Canada, and it endorses partnership and exchange programs in francophone Africa, Canada and Europe.

**Additional Program Fee:** Y

**Second Language Requirement:** Yes

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Global Management, MGM  
Language Teaching, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAFREBA-null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: There is no better way to learn a language than to be immersed in it. Being surrounded by French language speakers offers a learning experience that cannot be acquired in a classroom. By studying abroad (<https://goglobal.asu.edu/>), students have the opportunity to strengthen their language skills not only by living in a francophone country, potentially with a local host family, but also by earning ASU credit toward their degree.

The College of Liberal Arts and Sciences recommends these programs (<https://goglobal.asu.edu/students/major/SILC/french>) for students majoring in French.

**Career Opportunities:** Knowledge of multiple languages and intercultural competencies enhance any occupation and offer graduates many career opportunities.

Career fields using French include:

- advertising, marketing and communications
- diplomatic and foreign service
- domestic and international business
- fashion
- film, television and multimedia
- foreign correspondence and journalism
- international education and study abroad
- interpreting and translation
- teaching and research
- travel and tourism

**Contact Information:**

Liberal Arts and Sciences, The College of  
 School of International Letters and Cultures  
<https://silc.asu.edu/degree/undergrad/ba-french>  
 DH 131  
[silcadvising@asu.edu](mailto:silcadvising@asu.edu)  
 480-965-6281

## Gender, Women and Sexuality Studies, BA (LAWSTBA)

**Campus:** Tempe, Online

**Program Description:** Grounded in intersectional feminism, students will gain valuable insight on how the systems of inequality intermingle with race, gender, sexuality, immigration, class, globalization, and other frameworks. Undergraduates gain necessary expertise in applying this knowledge to today's society.

Students develop critical thinking, problem-solving and research skills, and take part in internship opportunities, to better equip them to face today's challenges. They are offered the opportunity to challenge conventional wisdom about gender and explore new ways of viewing the world through the study of:

- culture
- economics
- film
- history
- literature
- politics
- science

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit the college's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

**Additional Program Fee:** Y

**Second Language Requirement:** Yes

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Gender, Women and Sexuality Studies, MA  
 Science and Technology Policy, MSTP

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

#### General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### Attend Online:

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-women-and-gender-studies/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

#### Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAWSTBA~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### Program Learning Outcomes:

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Analyze the ways in which gender intersects with other social locations in shaping ideology, as well as social, political and cultural institutions.
- Apply digital literacy skills to present their research in the field.
- Demonstrate an understanding of key concepts and methodologies in the field.

#### Global Opportunities:

Global Experience: Through study abroad, students can immerse in a different culture and intern and study to learn how other cultures view women and gender and analyze issues related to gender.

The Global Education office (<https://goglobal.asu.edu/>) offers programs in more than 65 countries across the globe. The College of Liberal Arts and Sciences recommends specific study abroad programs (<https://goglobal.asu.edu/students/major/sst/women-gender-studies>) for students majoring in women and gender studies.

**Career Opportunities:** Graduates are prepared for many different career opportunities and have obtained careers in a wide array of fields, including:

- consulting
- counseling
- education
- government
- health care
- law
- nonprofits
- women's advocacy

They are also well prepared for graduate and law school and have been admitted to prestigious programs.

#### Contact Information:

Liberal Arts and Sciences, The College of

School of Social Transformation

<https://sst.asu.edu>

NVS1 310AA



## Geographic Information Science, BS (LAGISBS)

**Campus:** Tempe, Online

**Program Description:** Students in the BS program in geographic information science begin their study by gaining a strong foundational understanding of geographic information systems, statistical analysis and computer programming. Students expand on this foundation through upper-division coursework in the major that enables the pursuit of deeper and more focused understanding of the application of geographic information science technologies to complex environmental and societal issues.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit the college's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

### **STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 170 - Precalculus or MAT 117 College Algebra

**Program Math Intensity:** Moderate

### **Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

### **Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Urban and Environmental Planning, MUEP

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

### **Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

### **Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/geographic-information-science-bs/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAGISBS~null + &college=CLA>) to outline a list of

recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Students have the opportunity to apply their knowledge of geographic information science in a new and different setting through study abroad (<https://goglobal.asu.edu/>). Students can gain a deeper understanding of the complex societal and environmental issues that influence the uses of GIS.

Students' resumes are enhanced with the heightened skills in cultural competency, communication and critical thinking acquired through study abroad.

**Career Opportunities:** Graduates of geographic information science pursue opportunities in both the private and public sectors. Careers include:

- cartographers and photogrammetrists
- geographic information system technicians
- geospatial information scientists and technologists
- location analysts
- mapping technicians
- remote sensing scientists and technologists

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

**Contact Information:**

Liberal Arts and Sciences, The College of  
School of Geographical Sciences and Urban Planning  
<https://sgsup.asu.edu/degree/undergrad/bs-geographic-information-science>  
COOR 5681  
SGSUP.advising@asu.edu  
480-965-7533

## Geography, BA (LAGCUBA)

**Campus:** Tempe, Online

**Program Description:** Combining the physical environment with human interaction, the BA program in geography emphasizes humanistic and cultural traditions.

Students pursuing undergraduate studies in geography typically concentrate on knowledge-building in understanding various cultural phenomena or in studying regions such as Africa, Asia, Australia and Oceania, Europe, Latin America and North America.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit the college's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

**Additional Program Fee:** Y

**Second Language Requirement:** Yes

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Geography, MA  
Urban and Environmental Planning, MUEP

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-geography/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAGCUBA~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Students deepen their understanding of cultural traditions in the human experience of place when studying abroad. Through study abroad programs, students explore the world and gain hands-on experience in diverse cultures and traditions.

With more than 300 Global Education programs (<https://goglobal.asu.edu/>) available, study abroad allows students to tailor their experience to their unique interests and skill sets. Students' resumes are enhanced with the heightened skills in cultural competency, communication and critical thinking acquired through study abroad.

**Career Opportunities:** Geographers obtain careers in:

- community development
- foreign service
- geodemographic analysis
- governmental organizations
- intelligence analysis
- international trade
- nongovernmental organizations
- public sector transportation planning
- teaching
- urban and regional planning

**Contact Information:**

Liberal Arts and Sciences, The College of

School of Geographical Sciences and Urban Planning

<https://sgsup.asu.edu/degree/undergrad/ba-geography-ba>

COOR 5681

[SGSUP.advising@asu.edu](mailto:SGSUP.advising@asu.edu)

480-965-7533

## Geography, BS (LAGCUBS)

**Campus:** Tempe, Online

**Program Description:** Geographers have a unique spatial perspective in understanding the world, from global to local, through the twin lenses of space and place.

Students in the BS program in geography learn about natural features of the world, including landforms, plants, water and weather, as well as the impact humans have on the world. This degree program also emphasizes social science or environmental science dynamics involving economic patterns, human populations and transportation.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit the college's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

### Concurrent Program Options:

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

### Accelerated Program Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

Geography, MA

Urban and Environmental Planning, MUEP

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

### Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

### Attend Online:

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-geography/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

### Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAGCUBS~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Students deepen their understanding of cultural traditions in the human experience of place when studying abroad. With more than 300 programs available, students participating in a Global Education program (<https://goglobal.asu.edu/>) tailor their experience to their unique interests and skill sets. Studying abroad grants students the ability to explore the world and gain hands-on experience in diverse cultures and traditions. Students enhance their resumes with the heightened skills in cultural competency, communication and critical thinking they acquire through study abroad.

**Career Opportunities:** With a focus on geospatial techniques, geographers with a Bachelor of Science degree go on to careers such as:

- computer cartographers
- environmental impact assessment analysts
- geographic information science specialists and analysts
- geomorphologists
- hydrology and water resource specialists
- location analysts for businesses
- photogrammetry specialists
- remote sensing analysts

Graduates also are presented with a host of other geospatial career options in the burgeoning fields of geographic information science, mapping and navigation systems.

**Contact Information:**

Liberal Arts and Sciences, The College of  
School of Geographical Sciences and Urban Planning  
<https://sgsup.asu.edu/degree/undergrad/bs-geography-bs>  
COOR 5681  
SGSUP.advising@asu.edu  
480-965-7533

## Geography (Meteorology-Climatology), BS (LAGCUMBS)

**Campus:** Tempe

**Program Description:** The meteorology-climatology concentration under the BS program in geography is designed to meet the requirements for certification as a meteorologist by the National Weather Service. It covers dynamic as well as synoptic meteorology.

Students gain a focused understanding of weather, climate and the various related methods of measurement and instrumentation. Required courses include atmospheric physics, operational weather forecasting, three semesters of calculus and two semesters of calculus-based physics.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit the college's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 270 - Calculus w/Analytic Geometry I

**Program Math Intensity:** Substantial

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Geography, MA  
Urban and Environmental Planning, MUEP

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Transfer Admission Requirements: Transfer students must have a minimum cumulative GPA of 3.00 from a transfer institution.

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAGCUMBS~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Students deepen their understanding of cultural traditions in the human experience of place when studying abroad. With more than 300 Global Education programs (<https://goglobal.asu.edu/>) available around the world, students are able to tailor their experience to their unique interests and skill sets and gain hands-on experience in diverse cultures and traditions. Students' resumes are enhanced with the heightened skills in cultural competency, communication and critical thinking acquired through study abroad.

**Career Opportunities:** Students successfully completing the program have found employment with:

- airlines
- energy power companies
- government agencies
- military (meteorology and pilot training)
- National Weather Service

This program also provides suitable preparation for graduate study in either meteorology or climatology.

**Contact Information:**

Liberal Arts and Sciences, The College of

School of Geographical Sciences and Urban Planning

<https://sgsup.asu.edu/degree/undergrad/bs-geog-meteorologyclimatology>

COOR 5681

[SGSUP.advising@asu.edu](mailto:SGSUP.advising@asu.edu)

480-965-7533

## German, BA (LAGERBA)

**Campus:** Tempe

**Program Description:** Students in the BA program in German study the language, literature and culture of German-speaking people and gain competence in reading, writing, and oral and aural skills in the language. The program offers thought-provoking, engaging classes and experiences led by a core of faculty eager to help students succeed in achieving their goals. German classes provide opportunities for exploring how people in German-speaking Europe:

- engage with the worlds of politics, economics, social justice and humanitarianism
- have become global leaders in the fields of business, engineering and the natural sciences
- think deeply about philosophy, the influence of history and the environment
- understand the world through literature, film, the performing arts and other cultural practices

Students are encouraged to participate in the School of International Letters and Cultures faculty-directed summer abroad program in Regensburg or in a semester or academic-year exchange program available at several German universities.

**Additional Program Fee:** Y

**Second Language Requirement:** Yes

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

Global Management, MGM  
Language Teaching, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAGERBA~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Studying abroad (<https://goglobal.asu.edu/>) is vital when learning German language and culture as there is no better way to learn a language than to be immersed in it. Students can choose from two-week to full-year programs in German-speaking countries.

Study abroad adds value to the student's degree by preparing them with valuable skills employers seek, skills that are needed for leadership in a multicultural career.

The College of Liberal Arts and Sciences recommends these programs (<https://goglobal.asu.edu/students/major/SILC/german>) for students majoring in German.

**Career Opportunities:** Knowledge of multiple languages and intercultural competencies enhance any occupation and offer graduates many career opportunities. Language-intensive careers include:

- foreign correspondent or media professional
- foreign service officer
- international banking and finance professional
- language teacher
- law and immigration professional
- multilingual administrative professional
- nongovernmental organization professional
- professor of language, literature and culture
- translator or interpreter
- travel professional

Career fields in which knowledge of multiple languages and cultures is valued include:

- advertising, marketing and communications
- airline industry
- film, television and multimedia
- hotel and resort management
- international education and study abroad administration
- international law
- lifestyle management
- military
- publishing
- technology industries

Additional education and certification may be required for some career paths.

**Contact Information:**

Liberal Arts and Sciences, The College of  
School of International Letters and Cultures  
<https://silc.asu.edu/degree/undergrad/ba-german>  
DH 131  
silcadvising@asu.edu  
480-965-6281

## Global Health, BA (LASSHBA)

**Campus:** Tempe, Online

**Program Description:** The BA in global health is a transdisciplinary degree that provides students with the skills and perspectives they need to understand and solve health challenges across the globe, while accounting for cultural, historical, biological and ecological factors.

Students learn to identify critical health issues, ask the right questions, and create the kinds of meaningful and effective solutions that top employers demand. Students participate in an approved global health study abroad program alongside faculty experts. A variety of destinations and topics are available.

Faculty in the School of Human Evolution and Social Change are recognized internationally for their work on pressing global health problems, such as health inequalities, chronic disease, family health, water and food insecurity, obesity and stigma, emergent infectious disease, resource management and evolutionary medicine.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit the college's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

**Additional Program Fee:** Y

**Second Language Requirement:** Yes

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

- Global Health, MA
- Global Health, MS
- Global Management (Creative Industries and Design Thinking), MGM
- Global Management (Digital Audience Strategy), MGM
- Global Management (Global Affairs), MGM
- Global Management (Global Business), MGM
- Global Management (Global Development and Innovation), MGM
- Global Management (Global Digital Transformation), MGM
- Global Management (Global Entrepreneurship), MGM



Global Management (Global Health Care Delivery), MGM  
Global Management (Global Legal Studies), MGM  
Global Management (Integrated Health Care), MGM  
Global Management (Nonprofit Leadership and Management), MGM  
Global Management (Public Administration), MGM  
Global Management (Public Policy), MGM  
Global Management (Sustainability Solutions), MGM  
Global Management (Sustainable Tourism), MGM  
Global Management, MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-global-health/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LASSHBA~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Studying abroad (<https://goglobal.asu.edu/>) allows global health students to deepen their understanding of the impact of culture on public health, expand the lens through which they view people, and gain firsthand experience in their field. Students who study abroad can make an impact on communities across the globe, all while enhancing their resume with communication and cultural competency skills needed for a career.

The College of Liberal Arts and Sciences recommends these programs (<https://goglobal.asu.edu/students/major/global-health>) for students majoring in global health.

**Career Opportunities:** Training in global health provides enormous and varied career opportunities, both national and international, and demand is high and growing for graduates with these skills. The major supports the goals of those pursuing careers in health services, academic and applied research, and teaching. Potential employers include:

- departments of health
- government agencies
- international agencies (World Health Organization, Center for Disease Control, Global Health Council, World Bank, Inter-American Development Bank)
- nongovernmental organizations
- private sector
- universities

The degree program also provides a broad intellectual base for those who plan advanced specialist health training in fields such as:

- dentistry
- medicine
- nursing
- pharmacy

In Arizona and elsewhere, there is a pressing need for professionals with appropriate skills to work in cross-cultural settings or with underserved populations such as migrants, minorities and those living in poverty, and many of these jobs are directly or indirectly related to health.

**Contact Information:**

Liberal Arts and Sciences, The College of  
School of Human Evolution & Social Change

<https://shesc.asu.edu/>

SHESC 233

[shesc.undergrad@asu.edu](mailto:shesc.undergrad@asu.edu)

480-965-6215

## Global Health, BS (LASSHBS)

**Campus:** Tempe, Online

**Program Description:** The BS program in global health, offered by the School of Human Evolution and Social Change, exposes students to a comprehensive understanding of the factors that lead to morbidity around the world, including ecological, political, cultural, institutional, historical, evolutionary, social and technological factors. This program seeks to equip students with the necessary skills to create effective, sustainable and culturally-appropriate approaches to prevent, assess and mitigate disease, as well as to assess critically the work of others in their professional environments. The program helps learners to cultivate professional practice through a focus on application of technical knowledge into professional settings by integrating recognized global health competencies.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

**Additional Program Fee:** N

**Second Language Requirement:** N

**First Required Math Course:** MAT 251 - Calculus for Life Sciences

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-global-health/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LASSHBS-null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Studying abroad (<https://goglobal.asu.edu/>) allows global health students to deepen their understanding of the impact of culture on public health, expand the lens through which they view people, and gain firsthand experience in their field. Students who study abroad can make an impact on communities across the globe, all while enhancing their resume with communication and cultural competency skills needed for their career.

The College of Liberal Arts and Sciences recommends these study abroad programs (<https://goglobal.asu.edu/students/major/global-health>) for students majoring in global health.

**Career Opportunities:** Nationally and internationally, the health field provides varied career opportunities, and demand is growing for graduates that exhibit the recognized interprofessional global health competencies. The program supports the goals of those pursuing careers in academic research, programming, teaching and policy. Sample employment categories include:

- data analyst
- learning specialist
- program manager
- research associate
- technical advisor

**Contact Information:**

Liberal Arts and Sciences, The College of  
School of Human Evolution & Social Change  
<https://shesc.asu.edu/>  
SHESC 233  
shesc.undergrad@asu.edu  
480-965-6215

## Global Studies, BA (LASGSBA)

**Campus:** Tempe, Online

**Program Description:** The BA program in global studies examines both the causes and consequences of problems that cross national boundaries and the governance of these problems in social, cultural and economic contexts.

The degree program aims to address real-world problems and their solutions. This mission is enabled by an internationally recognized faculty with extensive global experience from a wide variety of disciplines in the social sciences and humanities. Global studies faculty members orient their work toward solving global problems by drawing on expertise in diverse disciplines.

The global studies program uses teaching, research and public policy activities to address some of the most challenging issues that include:

- economic and social development
- global cities and urbanization
- global governance of health and climate change
- justice and human rights
- religious identities, rights and conflicts
- world culture

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit the college's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

**Additional Program Fee:** Y

**Second Language Requirement:** Yes

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

Global Security (Cybersecurity), MA  
Global Security, MA  
Political Science, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-global-studies/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LASGSBA~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Study abroad (<https://goglobal.asu.edu/>) not only satisfies degree requirements within the global studies major but also helps students develop a portfolio of experience, with research and internship opportunities available in an international setting. It provides students the chance to challenge themselves to adapt and persevere under potentially difficult social and cultural circumstances. When studying abroad, students encounter many opportunities to improve their language and cultural competency skills which help them effectively communicate across populations.

The College of Liberal Arts and Sciences recommends specific study abroad programs (<https://goglobal.asu.edu/students/major/spgs/global-studies>) for students majoring in global studies.

**Career Opportunities:** A global studies degree prepares graduates for professional and graduate training in fields like law, business and public policy and prepares them with the broad foundational knowledge required for future decision-making in government, business and policy entities.

**Contact Information:**

Liberal Arts and Sciences, The College of  
School of Politics and Global Studies  
<https://spgs.asu.edu/>

COOR 6797  
spgs-ugadvising@asu.edu  
480-965-8563

## History, BA (LAHISBA)

**Campus:** Tempe, Online

Only the stand-alone BA or the accelerated History BA/MA combination are available to ASU Online students at this time.

**Program Description:** Students pursuing the BA in history study the growth and development of human society from political, social, economic and cultural perspectives. Students learn to craft stories from materials other people have left behind --- constitutions, land deeds, diaries, guns and bones. They learn to make decisions about what to investigate, whom to believe, what happened first, and why things fell apart or came together.

History is a discipline that constantly adopts new techniques of analysis and new ways of gathering and presenting information. Students of history learn to use and create digital media, to perform quantitative as well as qualitative analysis, and to present their findings in compelling ways to all kinds of audiences.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit the college's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

**Additional Program Fee:** Y

**Second Language Requirement:** Yes

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

### Concurrent Program Options:

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

### Accelerated Program Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

- Global Management (Creative Industries and Design Thinking), MGM
- Global Management (Digital Audience Strategy), MGM
- Global Management (Global Affairs), MGM
- Global Management (Global Business), MGM
- Global Management (Global Development and Innovation), MGM
- Global Management (Global Digital Transformation), MGM
- Global Management (Global Entrepreneurship), MGM
- Global Management (Global Health Care Delivery), MGM
- Global Management (Global Legal Studies), MGM
- Global Management (Integrated Health Care), MGM
- Global Management (Nonprofit Leadership and Management), MGM
- Global Management (Public Administration), MGM
- Global Management (Public Policy), MGM
- Global Management (Sustainability Solutions), MGM
- Global Management (Sustainable Tourism), MGM
- Global Management, MGM
- History, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

### Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-history/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAHISBA~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Discern and articulate matters of historical cause and effect and construct a well-reasoned argument accounting for the necessary and sufficient causes of historical events.
- Analyze and discuss historical change and continuity in American institutions and cultures.
- Acquire information about one or more societies outside of the United States, and be able to analyze the culture and institutions of that society.
- Analyze continuity and change in global contexts, and will understand the reasons for and consequences of dividing history into eras.
- Explore historical evidence in order to understand and compare competing perspectives on events.

**Global Opportunities:**

Global Experience: Understanding the events that have led humanity to this point is a large aspect of being a history major. There is no better way to understand historical events than through study abroad (<https://goglobal.asu.edu/>), living in the nations where the events happened, among the people and surrounded by the language and culture. Students gain not only memories that last a lifetime, but also skills that can help them succeed in every aspect of their professional and personal lives.

The College of Liberal Arts and Sciences recommends the following study abroad programs (<https://goglobal.asu.edu/students/major/shprs/history>) for students majoring in history.

**Career Opportunities:** History majors are in demand. They know how to find and evaluate evidence, form arguments and present analysis --- skills essential to most careers including law, business, education, medicine and government.

Three out of four employers surveyed by the Association of American Colleges and Universities say they want colleges to place more emphasis on helping students develop five key learning outcomes: critical thinking, complex problem-solving, written communication, oral communication and applied knowledge in real-world settings. These learning outcomes are integral elements of an undergraduate degree in history.

History majors seek jobs in:

- business and industry
- communications
- education
- foreign service
- law enforcement
- museums
- public administration
- social services

History is an excellent foundation for graduate and professional studies in:

- business
- history
- justice studies

- law
- medicine
- public administration
- public history
- theology

**Contact Information:**

Liberal Arts and Sciences, The College of  
 Historical, Philosophical & Religious Studies, Sch  
<https://shprs.asu.edu/>  
 COOR 4591  
 SHPRSadvising@asu.edu  
 480-965-8364

## History (Secondary Education), BA (LAHISSEBA)

**Campus:** Tempe

**Program Description:** The secondary education concentration within the BA program in history offers a flexible degree for students who are considering a career in education. The concentration program fully prepares students for teaching and certification. At the same time, all the disciplinary knowledge of a traditional history degree provided by the program prepares students for a variety of noneducation careers.

History is a discipline that constantly adopts new techniques of analysis and new ways of gathering and presenting information. Students of history learn to use and create digital media, to perform quantitative as well as qualitative analysis, and to present their findings in compelling ways to all kinds of audiences.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit the college's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

**Additional Program Fee:** Y

**Second Language Requirement:** Yes

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAHISSEBA~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Students will explore historical evidence in order to understand and compare competing perspectives on events.

- Students will discern and articulate matters of historical cause and effect and construct a well-reasoned argument accounting for the necessary and sufficient causes of historical events.
- Students will analyze continuity and change in global contexts and will understand the reasons for and consequences of dividing history into eras.
- Graduates of the history program, secondary education concentration, will be able to develop lessons, unit plans and assessments for secondary school history courses.

#### **Global Opportunities:**

Global Experience: Global Education programs (<https://goglobal.asu.edu/>) help students gain a global perspective and an increased appreciation for the history, philosophy and religion of different cultures.

The experience and understandings gained across borders can aid students in their future careers. Overcoming challenges through intuition and resourcefulness shows future employers the graduate can tackle any problem that comes up in the workplace.

The College of Liberal Arts and Sciences recommends these study abroad programs (<https://goglobal.asu.edu/students/major/shprs/history>) for students majoring in history.

**Career Opportunities:** The combination of courses within the secondary education concentration offers a broad education that enables its graduates to be well-prepared for careers in a variety of fields, including:

- archival research
- business and industry
- education
- law and law enforcement
- public history
- publishing
- social work

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

#### **Contact Information:**

Liberal Arts and Sciences, The College of  
Historical, Philosophical & Religious Studies, Sch  
<https://shprs.asu.edu/>  
COOR 4591  
SHPRSadvising@asu.edu  
480-965-8364

## **Integrated Studies, BA (LAISTBA)**

**Campus:** Tempe

**Program Description:** Developed for the academically superior student whose interests lie beyond established departmental emphases and boundaries, the integrated studies program provides students who are approved for the major with the opportunity to work one-on-one with faculty mentors to create a personalized, focused and coherent course of study that draws its curriculum from more than one academic department or college.

**Additional Program Fee:** Y

**Second Language Requirement:** Yes

**First Required Math Course:** Any math course that meets the MA designation.

**Program Math Intensity:** General

#### **Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

#### **Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)



Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Additional Requirements:** This program is not available to first-year students. There is an additional application for this degree program. Admission consists of completion of 32 credit hours at ASU with a GPA of at least 3.25, and three letters of recommendation from ASU faculty members. For more information, students should contact the senior director for advising and retention, Office of Student and Academic Programs, Futures Center, Armstrong Hall, Suite 112.

**Change of Major Requirements:** This degree program is only for students who have earned at least 32 graded credit hours at ASU, who have a minimum cumulative GPA of 3.25, and whose study interests are not met by an existing major offered by Arizona State University. Students who meet these qualifications and who have faculty mentors in their areas of interest are invited to meet with the Office of Student and Academic Programs in The College of Liberal Arts and Sciences to discuss the possibility of being allowed to pursue this opportunity. Appointments may be scheduled by calling 480-965-6506.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAISTBA~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Global Opportunities:**

**Global Experience:** Students pursuing integrated studies are unique, innovative and passionate students with a wide range of interests. With more than 300 programs available, studying abroad (<https://goglobal.asu.edu/>) allows students to tailor their experience to their unique interests and skill sets. Students gain hands-on experience and heightened cultural competency, leadership and critical thinking skills in programs across the globe.

**Career Opportunities:** The professional and vocational opportunities provided by the integrated studies degree depend on the area of concentration and the particular focus of study. The integrated studies degree program shares with all other liberal arts and sciences programs in the goal of developing students' analytical abilities and communication skills. The program combines breadth of learning across multiple disciplinary contexts with an appropriate depth in a focused area of inquiry.

Integrated studies graduates are prepared to enter the work force and to pursue graduate and professional studies.

#### **Contact Information:**

Liberal Arts and Sciences, The College of  
Dean, The College of Liberal Arts and Sciences  
<https://thecollege.asu.edu/degree/undergrad/ba-integrated-studies-ba>  
ARM 112  
thecollege@asu.edu  
480-965-6506

## **Integrated Studies, BS (LAISTBS)**

**Campus:** Tempe

**Program Description:** Developed for the academically superior whose interests lie beyond established departmental emphases and boundaries, the integrated studies program provides students who are approved for the major the opportunity to work one-on-one with faculty mentors to create a personalized, focused and coherent course of study that draws its curriculum from more than one academic department or college.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** Any math course that meets the MA designation.

**Program Math Intensity:** General

#### **Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

#### **Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Additional Requirements:** This program is not available to first-year students. There is an additional application for this degree program. Admission consists of completion of 32 credit hours at ASU with a GPA of at least 3.25, and three letters of recommendation from ASU faculty members. For more information, students should contact the senior director for advising and retention, Office of Student and Academic Programs, Futures Center, Armstrong Hall, Suite 112.

**Change of Major Requirements:** This degree program is only for students who have earned at least 32 graded credit hours at ASU, who have a minimum cumulative GPA of 3.25 (scale is 4.00 = "A"), and whose study interests are not met by an already-existing major offered by Arizona State University. Students who meet these qualifications and who have faculty mentors in their areas of interest are invited to meet with the Office of Student and Academic Programs in The College of Liberal Arts and Sciences to discuss the possibility of being allowed to pursue this opportunity. Appointments may be scheduled by calling 480-965-6506.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAISTBS~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Global Opportunities:**

**Global Experience:** Students pursuing integrated studies are unique, innovative and passionate students with a wide range of interests. With more than 300 programs available (<https://goglobal.asu.edu/>) across the globe, study abroad allows students to tailor their experience to their unique interests and skill sets and gain hands-on experience and heightened cultural competency, leadership and critical thinking skills.

**Career Opportunities:** The professional and vocational opportunities provided by the integrated studies degree depend on the area of concentration and the particular focus of study. The integrated studies degree program shares with all other liberal arts and sciences programs the goal of developing students' analytical abilities and communication skills. The program combines a breadth of learning across multiple disciplinary contexts with an appropriate depth in a focused area of inquiry.

Integrated studies graduates are prepared to enter the work force or pursue graduate or professional studies.

#### **Contact Information:**

Liberal Arts and Sciences, The College of  
Dean, The College of Liberal Arts and Sciences  
<https://thecollege.asu.edu/degree/undergrad/bs-integrated-studies-bs>  
ARM 112  
thecollege@asu.edu  
480-965-6506

## **International Letters and Cultures, BA (LASLCBA)**

**Campus:** Tempe

**Program Description:** The BA in international letters and cultures is a degree program grounded in the advanced study of at least one foreign language; it is not recommended for first-year students.

The program is more transcultural and transdisciplinary than a traditional languages and literatures degree program and is designed to encourage students to explore and challenge the traditional boundaries of cultures, texts and disciplines. Students work closely with faculty and advisors to choose a program that combines study and research in a minimum of two cultures or disciplines, or in both.

Students must meet with an advisor in the School of International Letters and Cultures to discuss this degree option.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit the college's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

**Additional Program Fee:** Y

**Second Language Requirement:** Yes

**First Required Math Course:** MAT 142 - College Mathematics OR any math course that meets the MA designation

## **Program Math Intensity:** General

### **Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

### **Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LASLCBA-null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

### **Global Opportunities:**

Global Experience: Study abroad (<https://goglobal.asu.edu/>) is the perfect transition from the classroom to real life. As students become scholars in language and multiple cultures and in how these intertwine, study abroad enables them to become immersed in the language of their choice while taking courses on literature, history, sociology and more. Students can gain a deeper insight on how common languages and cultures develop in particular areas of the world through study abroad.

**Career Opportunities:** Knowledge of multiple languages and intercultural competencies enhances any occupation and offers graduates many career opportunities. Language-intensive careers include:

- foreign correspondent and media professional
- foreign service officer
- international banking and finance professional
- language teacher
- law and immigration professional
- multilingual administrative professional
- NGO professional
- professor of language, literature and culture
- translator and interpreter
- travel professional

Career fields and occupations using languages include:

- advertising, marketing and communications
- airline industry
- film, television and multimedia
- hospitality industry
- hotel and resort management
- international education and study abroad administration
- international law
- military
- publishing
- technology industries

Additional education and certification may be required for some career paths.

### **Contact Information:**

Liberal Arts and Sciences, The College of  
School of International Letters and Cultures  
<https://silc.asu.edu/degree/undergrad/ba-international-letters--cultures>  
DH 131  
[silcadvising@asu.edu](mailto:silcadvising@asu.edu)  
480-965-6281

## International Letters and Cultures (Arabic Studies), BA (LASLCASBA)

**Campus:** Tempe

**Program Description:** The BA program in international letters and cultures with a concentration in Arabic studies provides critical and cultural diversity in advanced Arabic language and literature that enriches ASU students' undergraduate experience.

This concentration complements existing degree programs in the School of International Letters and Cultures and enhances studies in social science disciplines such as political science and global studies as well as many humanities fields, including anthropology, history, philosophy and religious studies. The program provides a broad knowledge and understanding of the culture, literature and traditions of the vast Arabic-speaking world.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit the college's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

**Additional Program Fee:** Y

**Second Language Requirement:** Yes

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

### Concurrent Program Options:

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

### Accelerated Program Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Global Management, MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

### Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

### Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LASLCASBA~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

### Global Opportunities:

**Global Experience:** As students become scholars in the language, cultures and history of the Arabic-speaking world, studying abroad is the perfect transition from the classroom to real life. Students can become culturally and linguistically immersed while gaining a deeper insight on a particular part of the world. Each of the more than 300 Global Education program (<https://goglobal.asu.edu/>) options provide an opportunity for students to develop a valuable skill set that can give them an advantage in their career as well as personal enrichment.

Whether in a foreign country, in the U.S. or online, Global Education programs encourage students to build communication skills, challenge them to adapt and persevere, expose them to differences across the world and increase their ability to work with diverse groups of people. When studying abroad, students gain the global perspective and knowledge that prepare them for a future-focused career.

**Career Opportunities:** The bachelor's degree in international letters and cultures with a concentration in Arabic studies provides greater insight into the vast Arab world of 22 countries and can lead to career opportunities in areas such as journalism, translation, international consultations, government (e.g., the U.N. and CIA), social work, law and health.

Graduates are prepared for a thriving job market. The degree also benefits those interested in academic research and careers in public and diplomatic service as well as in national security.

**Contact Information:**

Liberal Arts and Sciences, The College of  
School of International Letters and Cultures  
<https://silc.asu.edu/degree/undergrad/ba-ilc-arabic-studies>  
DH 131  
silcadvising@asu.edu  
480-965-6281

## International Letters and Cultures (Classical Civilization), BA (LASLCVBA)

**Campus:** Tempe

**Program Description:** Classics is a transdisciplinary field that includes the study of the literature, art, history and philosophy of the ancient Greeks and Romans, subjects which fueled the Renaissance and have provided an intellectual foundation for innovative and influential people ever since.

ASU's BA program in international letters and cultures with a concentration in classical civilization provides a thorough grounding in the culture and history of the ancient Greeks or Romans while allowing students to satisfy their language requirement. The program begins with two cores: an introduction to ancient Greek and Roman literature (read in English translation) and knowledge of ancient history. With that basis, students are allowed to build a program to meet their needs and interests. Among the variety of topics students pursue are:

- ancient history, war, politics and economics
- archaeology of the ancient Mediterranean world
- art and architecture of the ancient Egyptians, Greeks and Romans
- mythology and religious practices of the Greeks and Romans
- significant figures such as Plato, Aristotle and Lucretius
- use of the classics in today's film, books and other media

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit the college's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

**Additional Program Fee:** Y

**Second Language Requirement:** Yes

**First Required Math Course:** MAT 142 - College Mathematics OR any math course that meets the MA designation

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Global Management, MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply

(<https://acceleratedmasters.asu.edu/how-apply>).

### Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

### Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LASLCVBA~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

### Global Opportunities:

**Global Experience:** Students can walk the same steps as some of the most famous thinkers, historians and poets in history. Studying classical civilizations helps renew many of the ideas, languages and societies that have shaped the modern day. Ancient civilizations are brought to life when students see the connections between the past and present.

Each of the more than 300 Global Education program (<https://goglobal.asu.edu/>) options available, whether in a foreign country, in the U.S. or online, provides an opportunity for students to develop a valuable skill set that can give them an advantage in their career and personal enrichment. Students build communication skills, are challenged to adapt and persevere, are exposed to differences across the world, and they increase their ability to work with diverse groups of people.

**Career Opportunities:** College graduates with a degree in classical civilization have the valuable experience of studying a culture that is very different from the modern world yet lies at the root of it. This gives them a perspective that serves them well in a variety of disciplines. Classical civilization graduates may consider careers in:

- business
- film, television or multimedia
- K-12 education
- law
- public service
- writing and editing (fiction, journalism, technical writing)

Additional education may be required for some career fields.

### Contact Information:

Liberal Arts and Sciences, The College of

School of International Letters and Cultures

<https://silc.asu.edu/degree/undergrad/ba-ilc-classical-civilization>

DH 131

[silcadvising@asu.edu](mailto:silcadvising@asu.edu)

480-965-6281

## International Letters and Cultures (Classics), BA (LASLCCBA)

**Campus:** Tempe

**Program Description:** The BA program in international letters and cultures with a concentration in classics begins with two cores: language skills in ancient Greek or Latin (or, if the student chooses, both) and knowledge of ancient history. With that basis, students build a program to meet their needs and interests. Among the variety of topics students pursue are:

- ancient history, war, politics and economics
- literary classics such as Homer, Sophocles, Virgil and Ovid
- the archaeology of the ancient Mediterranean world

- the art and architecture of the ancient Egyptians, Greeks and Romans
- the mythology and religious practices of the Greeks and Romans
- the thought of figures such as Plato, Aristotle and Lucretius
- the use of the classics in today's film, books and other media

In addition to the concentration in classics, ASU also offers a classical civilization concentration with a similar focus but different language requirements. Students should consult their advisor and choose the concentration that best meets their needs.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit the college's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

**Additional Program Fee:** Y

**Second Language Requirement:** Yes

**First Required Math Course:** MAT 142 - College Mathematics OR any math course that meets the MA designation

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Global Management, MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LASLCCBA-null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Students can walk the same steps as some of the most famous thinkers, historians and poets in history. Studying classical civilizations helps renew many of the ideas, languages and societies that have shaped the modern day. Ancient civilizations are brought to life when students see the connections between the past and present.

Each of the more than 300 Global Education program (<https://goglobal.asu.edu/>) options available, whether in a foreign country, in the U.S. or online, provides an opportunity for students to develop a valuable skill set that can give them an advantage in their career and personal enrichment. Students build communication skills, are challenged to adapt and persevere, are exposed to differences across the world, and they increase their ability to work with diverse groups of people.

**Career Opportunities:** Graduates with a degree in the classics possess skills in research and the precise use and analysis of language. The

transdisciplinary study of a culture that is very different from the modern world yet lies at the root of it also fosters the ability to view issues from many angles and to think critically about them.

As many employers are well aware, a classics graduate has the training that enables them to solve difficult puzzles, to see through obscure language and to conduct rigorous research on often ill-defined problems. These skills are prized in any field of endeavor. Classics graduates often find careers in:

- business
- Christian ministry
- film, television and multimedia
- law
- politics
- education
- writing and editing (fiction, journalism, technical writing)

**Contact Information:**

Liberal Arts and Sciences, The College of  
School of International Letters and Cultures  
<https://silc.asu.edu/degree/undergrad/ba-inter-ltrscultures-classics>  
DH 131  
[silcadvising@asu.edu](mailto:silcadvising@asu.edu)  
480-965-6281

## Italian, BA (LAITABA)

**Campus:** Tempe

**Program Description:** The BA program in Italian offers students an opportunity to study the literature and culture of Italy while gaining a respectable measure of competence in reading, writing, oral and aural skills in the Italian language. Students broaden their knowledge by completing a number of related courses on topics such as:

- art
- film
- government
- history
- literature and culture
- religion

Faculty-directed summer programs in Italy are available for students who wish to study the language and culture while living in the country. Study abroad programs (<https://silc.asu.edu/silc-studyabroad>) in various cities in Italy are also available during the academic year.

**Additional Program Fee:** Y

**Second Language Requirement:** Yes

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Global Management, MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)



Transfer (<https://admission.asu.edu/transfer/apply>)  
International (<https://admission.asu.edu/international/undergrad-apply>)  
Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors. Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAITABA~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Students can be immersed in the Italian culture and language through a Global Education program (<https://goglobal.asu.edu/>). Study abroad is vital when learning the Italian language and culture. Being immersed in Italy itself adds value to the degree, and the experience prepares students to take off in an exciting, multicultural career with valuable skills employers seek, like communication and problem-solving.

Students majoring or minoring in Italian have the opportunity to participate in a Global Education program in Italy while taking courses in a variety of areas. The College of Liberal Arts and Sciences recommends these programs (<https://goglobal.asu.edu/students/major/SILC/italian>) for students majoring in Italian.

**Career Opportunities:** Knowledge of multiple languages and intercultural competencies enhance any occupation and offer graduates many career opportunities. Language-intensive careers include:

- foreign correspondent and media professional
- foreign service officer
- international banking and finance professional
- language teacher
- law and immigration professional
- multilingual administrative professional
- nongovernmental organization professional
- professor of language, literature and culture
- translator and interpreter
- travel professional

Career fields and occupations in which knowledge of diverse languages and cultures is valuable include:

- advertising, marketing and communications
- airline industry
- film, television and multimedia
- hospitality industry
- international business
- international education and study abroad administration
- international law
- public relations
- publishing
- technology industries

Additional education and certification may be required for some career paths.

**Contact Information:**

Liberal Arts and Sciences, The College of  
School of International Letters and Cultures  
<https://silc.asu.edu/degree/undergrad/ba-italian>  
DH 131  
[silcadvising@asu.edu](mailto:silcadvising@asu.edu)  
480-965-6281

**Campus:** Tempe

**Program Description:** The BA in Jewish studies offers a transdisciplinary, cross-cultural and temporally expansive program of study. It focuses on both the study of Judaism as a religion and on Jewishness as a distinct set of cultural values, peoplehood and historical legacy.

As with other degree programs in the humanities or social sciences, a BA in Jewish studies provides an intellectual balance and compliment to the study of science and technology. By engaging the Jewish experience as both a historical and contemporary reality, the program facilitates enhanced cultural, historical and global awareness.

Students choose a thematic concentration from history and society, literature and culture, or religion and thought.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit the college's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

**Additional Program Fee:** Y

**Second Language Requirement:** Yes

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

Global Management (Creative Industries and Design Thinking), MGM

Global Management (Digital Audience Strategy), MGM

Global Management (Global Affairs), MGM

Global Management (Global Business), MGM

Global Management (Global Development and Innovation), MGM

Global Management (Global Digital Transformation), MGM

Global Management (Global Entrepreneurship), MGM

Global Management (Global Health Care Delivery), MGM

Global Management (Global Legal Studies), MGM

Global Management (Nonprofit Leadership and Management), MGM

Global Management (Public Administration), MGM

Global Management (Public Policy), MGM

Global Management (Sustainability Solutions), MGM

Global Management (Sustainable Tourism), MGM

Global Management, MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAJSTBA~null + &college=CLA>) to outline a list of

recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Global Opportunities:**

**Global Experience:** Study abroad programs can help students connect the past to the present. Judaism dates back to ancient times, and people of this heritage can be found all over the world, and students can immerse themselves in places that hold much significance for Jewish peoples, whether in Israel or elsewhere in the diaspora.

Participation in one of the more than 300 available Global Education programs (<https://goglobal.asu.edu/>) can provide real-world experience that complements skills and lessons learned in the classroom. Study abroad helps students gain a global perspective and an increased appreciation for the history, philosophy and religion of different cultures. In addition, the experience and understandings gained across borders can aid in a competitive job search.

The College of Liberal Arts and Sciences recommends these programs (<https://goglobal.asu.edu/students/major/shprs/jewish-studies>) for students majoring in Jewish studies.

**Career Opportunities:** Graduates who received a bachelor's degree in Jewish studies and pursue a career with one of the hundreds of U.S. companies that do business in Israel have a competitive edge because of their familiarity with Jewish culture.

Jewish studies graduates are also prepared to:

- attend rabbinical seminary in preparation for becoming a community rabbi or chaplain
- engage in world political and economic issues
- pursue advanced education in Jewish professional service fields

The degree also provides a firm foundation for those who wish to pursue advanced degrees related to their area of interest in fields that may include:

- archaeology
- creative writing
- ethics
- film and media
- history
- journalism
- justice studies
- law
- philosophy
- political science
- religious studies

#### **Contact Information:**

Liberal Arts and Sciences, The College of  
Historical, Philosophical & Religious Studies, Sch  
<https://shprs.asu.edu/>  
COOR 4591  
SHPRSadvising@asu.edu  
480-965-8364

## **Justice Studies, BA (LAJUSBA)**

**Campus:** Tempe, Online

**Program Description:** The BA program in justice studies is an innovative social science and liberal arts program that examines contemporary and historical social justice and inequality in a variety of contexts, including race, gender, sexuality, citizenship, indigeneity and other significant areas.

This program provides a broad approach to understanding justice including in the legal system as well as in wider social contexts, such as in the many social justice issues that occur across countries and cultures. The Bachelor of Arts program provides students the kind of broader perspective required in today's workforce, through a liberal arts focus and the requirement to enroll in language courses.

This program equips students with a dynamic knowledge of the world's justice systems and gives them the skills to create meaningful, real-world change.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit the college's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

**Additional Program Fee:** Y

**Second Language Requirement:** Yes

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

Justice Studies, MS

Science and Technology Policy, MSTP

Social and Cultural Pedagogy, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/justice-studies/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAJUSBA~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Analyze a current justice issue.
- Demonstrate an understanding of key concepts and methodologies in the field.
- Apply foundations and principles in justice studies to research or community engagement.

**Global Opportunities:**

Global Experience: Human rights, violence, resource conflict and immigration are some of the issues that every country currently faces in some form or another. One of the best ways students can investigate potential solutions is by observing patterns from one culture to another, when studying abroad (<https://goglobal.asu.edu/>). Students who study issues of justice in another culture can bring a new lens to their own experience and become positive changemakers in the world.

The College of Liberal Arts and Sciences recommends specific study abroad programs (<https://goglobal.asu.edu/students/major/sst/justice-studies>) for students majoring in justice studies.

**Career Opportunities:** Students emerge from this program with knowledge and skills designed to advance social justice in a variety of careers.

Program graduates work in many fields, including:

- administration
- education
- human welfare and social work
- law
- local, state and federal government
- nongovernmental organizations
- philanthropy
- public service fields
- social advocacy
- unions

Many graduates go on to law school, graduate school or other professional degree programs

**Contact Information:**

Liberal Arts and Sciences, The College of  
School of Social Transformation

<https://sst.asu.edu>

NVS1 310AA

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480-965-7682

## Justice Studies, BS (LAJUSBS)

**Campus:** Tempe, Online

**Program Description:** The BS program in justice studies is an innovative social science and liberal arts program examining current and historical social justice issues. Students explore social justice in the context of inequality, race, gender, citizenship, indigeneity or other major contemporary issues.

This program provides a broad approach to understanding justice within the legal system and in wider social contexts. To provide students with the analytical skills required of today's workforce, the Bachelor of Science degree program offers a social science focus and requires students to enroll in a quantitative data analysis course.

In this program, students use multiple research methodologies to understand social justice issues in diverse settings and working with a variety of people and cultures. The skills gained allow students to create real-world change.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit the college's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Justice Studies, MS  
Science and Technology Policy, MSTP  
Social and Cultural Pedagogy, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-justice-studies/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAJUSBS-null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Analyze a current justice issue.
- Demonstrate an understanding of key concepts and methodologies in the field.
- Apply foundations and principles in justice studies to research or community engagement.

**Global Opportunities:**

Global Experience: Human rights, violence, resource conflict and immigration are some of the issues that every country currently faces in some form or another. One of the best ways students can investigate potential solutions is by observing patterns from one culture to another, through study abroad (<https://goglobal.asu.edu/>). Students who study issues of justice in another culture can bring a new lens to their own experience and become positive changemakers in the world.

The College of Liberal Arts and Sciences recommends specific study abroad programs (<https://goglobal.asu.edu/students/major/sst/justice-studies>) for students majoring in justice studies.

**Career Opportunities:** Students emerge from this program with knowledge and skills that will allow them to identify and address social justice concerns as they manifest in their professional lives. Program graduates work in a variety of fields, including:

- social advocacy
- business
- economics
- education
- human welfare and social work

- international relations
- law
- nongovernmental organizations
- politics
- public service fields

Many graduates go on to law school, graduate school or other professional degree programs.

**Contact Information:**

Liberal Arts and Sciences, The College of  
 School of Social Transformation  
<https://sst.asu.edu>  
 NVS1 310AA  
 SSTadvising@asu.edu  
 480-965-7682

## Mathematics, BA (LAMATBA)

**Campus:** Tempe

**Program Description:** Math is the science of problem-solving. Students in the BA degree program in mathematics apply the critical thinking and problem-solving skills they learn to many endeavors.

Students acquire a strong general mathematics background but retain the flexibility to pursue other areas of interest through a minor or even a second major. Combining a second area of study such as business, economics, social sciences, engineering, life sciences, or computer science creates a powerful combination.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit the college's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** Yes

**First Required Math Course:** MAT 270 - Calculus w/Analytic Geometry I

**Program Math Intensity:** Substantial

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAMATBA~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in

their college journey.

**Global Opportunities:**

Global Experience: Each of the more than 300 Global Education program (<https://goglobal.asu.edu/>) options provide an opportunity for students to develop a valuable skill set that can give them an advantage in their career and personal enrichment.

Whether in a foreign country, in the U.S. or online, students are encouraged to build communication skills, challenged to adapt and persevere, exposed to differences across the world, and they increase their ability to work with diverse groups of people. Graduates who possess heightened cultural competency and leadership and critical thinking skills acquired through study abroad may stand out in a competitive job market.

**Career Opportunities:** The Bachelor of Arts program in mathematics is an fantastic option for students interested in how math impacts the world around us. It is also a top option for international students looking for a general math background.

A Bachelor of Arts degree in mathematics can be the springboard for many different careers in fields such as:

- business management
- computer engineering
- education
- financial analysis
- health care
- law
- medical science
- teaching
- technology

**Contact Information:**

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School of Mathematical and Statistical Sciences

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480-965-7195

## Mathematics, BS (LAMATBS)

**Campus:** Tempe

**Program Description:** The BS degree program in mathematics offers a grounding in both theoretical and applied mathematical concepts.

Classes cover a broad spectrum of advanced mathematical topics, including differential equations, modeling, numerical analysis, number theory, cryptography and real analysis.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit the college's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 270 - Calculus w/Analytic Geometry I

**Program Math Intensity:** Substantial

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:



Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAMATBS~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Each of the more than 300 Global Education program (<https://goglobal.asu.edu/>) options provide an opportunity for students to develop a valuable skill set that can give them an advantage in their career and personal enrichment.

Whether in a foreign country, in the U.S. or online, students are encouraged to build communication skills, challenged to adapt and persevere, exposed to differences across the world, and they increase their ability to work with diverse groups of people. Graduates who possess heightened cultural competency and leadership and critical thinking skills acquired through study abroad may stand out in a competitive job market.

**Career Opportunities:** Mathematics is foundational and can be applied to many different types of careers in many fields. It is a crucial part of engineering, life sciences, business, economics and social sciences.

Graduates with a bachelor's degree in mathematics can pursue careers in fields as diverse as computer science, finance, biotechnology, engineering, medical research and education. These are just a few of the top careers possible with a Bachelor of Science in mathematics:

- cryptographer
- data analyst
- engineer
- financial analyst
- mathematician
- operations research analyst
- statistician
- teacher

Many undergraduate math majors also pursue graduate studies in mathematics, medicine or law.

**Contact Information:**

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480-965-7195

## Mathematics (Secondary Education), BS (LAMATSBS)

**Campus:** Tempe

**Program Description:** The BS program in mathematics with a concentration in secondary education provides an excellent pathway for students

interested in teaching.

By focusing on how people best learn mathematical concepts, students gain a unique understanding of how people understand the world around them. Students acquire strong content knowledge in diverse areas of math and the skills to convey these concepts to others. This degree program offers a deeper mastery of mathematics coupled with the ability to handle the challenges of a high school classroom.

Students who wish to teach at the secondary level take courses preparing them to earn certification in the state of Arizona through this program. By providing a carefully designed curriculum of courses and instructional experiences, this program helps students develop the deep understandings and connections needed for being a highly effective mathematics teacher.

Graduates emerge equipped to provide mathematics instruction that is coherent, meaningful and challenging.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit the college's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 270 - Calculus w/Analytic Geometry I

**Program Math Intensity:** Substantial

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAMATSBS-null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Students wishing to pursue a future in education must understand the diverse set of experiences, backgrounds and cultures that can shape the students in their classrooms. Students can enhance their mathematics degree with a study abroad program, in which they can boost their communication skills and gain firsthand experience in a wide range of cultures and communities. More information is available on the Global Education website (<https://goglobal.asu.edu>).

**Career Opportunities:** The mathematics degree with a secondary education concentration provides fantastic preparation for careers in teaching and education. In addition to the option of teaching high school mathematics, options for jobs in diverse fields include:

- business
- finance
- industry

- technology

Graduates can also choose to pursue graduate studies in mathematics or mathematics education.

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

**Contact Information:**

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<https://math.asu.edu>  
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## Mathematics (Statistics), BS (LAMATTBS)

**Campus:** Tempe

**Program Description:** In the BS program in mathematics with a concentration in statistics, students learn innovative statistical, mathematical and computational methods.

Using statistical methods, students discover how to generate insights that inform fact-based decision-making and research. They use cutting-edge techniques to study and understand methods of statistical inference and explore strategies for dealing with uncertainty.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit the college's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 270 - Calculus w/Analytic Geometry I

**Program Math Intensity:** Substantial

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Statistics, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.  
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Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAMATTBS-null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Global Opportunities:**

Global Experience: Whether in a foreign country, in the U.S. or online, Global Education programs encourage students to build communication skills, challenge them to adapt and persevere, expose them to differences across the world and increase their ability to work with diverse groups of people.

Each of the more than 300 Global Education program (<https://goglobal.asu.edu/>) options provide an opportunity for students to develop a valuable skill set that can give them an advantage in their career and personal enrichment. Graduates who possess the heightened cultural competency and leadership and critical thinking skills acquired through study abroad may stand out in a competitive field.

**Career Opportunities:** Statistical analysis and data mining have been identified as two of the most desirable skills in today's job market. Based on factors like pay, growth and job satisfaction, statistics has been named in separate job reports as one of the best careers.

The U.S. Bureau of Labor Statistics projects a 35% growth rate in the need for employees trained in statistical analysis. For students pursuing a bachelor's degree in mathematics with a concentration in statistics, that means an exciting future of career opportunities in fields as diverse as business, finance, economics, engineering, biostatistics, technology, sports, marketing, government and more.

#### **Contact Information:**

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<https://math.asu.edu>  
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[math@asu.edu](mailto:math@asu.edu)  
480-965-7195

## **Microbiology, BS (LAMICBS)**

**Campus:** Tempe

**Program Description:** The BS degree program in microbiology places emphasis on understanding microorganisms and their interrelationships with other organisms in nature and on the influence of microorganisms in biomedicine and biotechnology.

Despite their size, microbes are fundamental to life on Earth and compose the majority of all Earth's life forms. In addition to their essential contributions to the natural world, microbes have been model experimental subjects due to their impact on human health and ease of manipulation in the laboratory. A significant portion of medical research employs microbiological and immunological methods in order to examine basic genetic and biological phenomena.

Students in the microbiology degree program study the background and current findings in the field and also acquire the critical thinking, laboratory and field skills required to succeed in a career in science.

The major provides excellent training for premedical, pre dental, preveterinary and prepharmacy students as well as advanced study in microbiology and immunology.

This program is available as an accelerated degree program. Students can visit this website to learn more about accelerated degree programs (<https://sols.asu.edu/degree-programs/accelerated-bachelors-masters-science>).

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit the college's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

#### **STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 251 - Calculus for Life Sciences

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

- Biology, MS
- Global Management (Creative Industries and Design Thinking), MGM
- Global Management (Digital Audience Strategy), MGM
- Global Management (Global Business), MGM
- Global Management (Global Development and Innovation), MGM
- Global Management (Global Digital Transformation), MGM
- Global Management (Global Entrepreneurship), MGM
- Global Management (Global Health Care Delivery), MGM
- Global Management (Global Legal Studies), MGM
- Global Management (Integrated Health Care), MGM
- Global Management (Nonprofit Leadership and Management), MGM
- Global Management (Public Administration), MGM
- Global Management (Public Policy), MGM
- Global Management (Sustainability Solutions), MGM
- Global Management (Sustainable Tourism), MGM
- Global Management, MGM
- Microbiology, MS
- Molecular and Cellular Biology, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAMICBS~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Students gain valuable, resume-enhancing experience when studying abroad (<https://goglobal.asu.edu/>). Students studying microbiology are able to expand their knowledge of how microbes impact people and society in a variety of cultures and challenge themselves to adapt and persevere in a new and exciting culture.

With over 300 programs available, study abroad allows students to tailor their experience to their unique interests and skill sets. The College of  
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Liberal Arts and Sciences recommends these study abroad programs (<https://goglobal.asu.edu/students/major/sls/microbiology>) for students majoring in microbiology.

**Career Opportunities:** The discipline of microbiology is diverse and the job opportunities for microbiologists are plentiful. Graduates with a degree in microbiology have opportunities for employment in government, hospitals, and research or industrial laboratories. Many students are also prepared for admission into graduate school and advanced study in dentistry, medicine, veterinary medicine and pharmacy.

Career examples include those shown in the following list; advanced degrees or certifications may be required for academic or clinical positions:

- government
- hospitals
- industrial laboratories (food, dairy, chemical, pharmaceutical, environmental and biotechnology companies)
- public health laboratories
- research laboratories

Many students are also suitably prepared for admission into graduate school and advanced study in these fields:

- dentistry
- medicine
- pharmacy
- veterinary medicine

**Contact Information:**

Liberal Arts and Sciences, The College of  
School of Life Sciences  
<https://sols.asu.edu/degree/undergrad/bs-microbiology>  
LSA 189  
[sols.advising@asu.edu](mailto:sols.advising@asu.edu)  
480-727-6277

## Microbiology (Medical Microbiology), BS (LAMICMBS)

**Campus:** Tempe

**Program Description:** The medical microbiology concentration serves students in the BS in microbiology degree program who aim to pursue careers in health professions, medical microbiology or biomedical research.

The curriculum aligns with the scientific competencies recommended for premedical students in a report of the American Medical Colleges and the Howard Hughes Medical Institute Committee and which are also reflected in the 2015 changes to the MCAT. Coursework includes many of the courses in the microbiology major, including chemistry, biochemistry, math and physics, with some microbiology courses replaced by cell biology, animal physiology and courses that relate to human biology and society. The coursework emphasizes core concepts, competencies and critical intellectual skills necessary for success in medical school or biomedical research. The concentration includes coursework that students need in preparation for the MCAT or medical school admission.

This program is available as an accelerated degree program. Students can visit this website to learn more about accelerated degree programs (<https://sols.asu.edu/degree-programs/accelerated-bachelors-masters-science>).

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit the college's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 251 - Calculus for Life Sciences

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

Biology, MS  
Global Management, MGM  
Microbiology, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAMICMBS-null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Students gain valuable experience when studying abroad (<https://goglobal.asu.edu/>). Those pursuing a medical microbiology concentration are able to expand their knowledge of how human biology is impacted by a variety of societies and cultures, and they challenge themselves to adapt and persevere in a new and exciting culture.

With over 300 programs available, study abroad allows students to tailor their experience to their unique interests and skill sets, and gain experience that enhances their resumes. The College of Liberal Arts and Sciences recommends these study abroad programs (<https://goglobal.asu.edu/students/major/sls/microbiology-medical-microbiology>) for students majoring in medical microbiology.

**Career Opportunities:** Graduates of the bachelor's degree program in microbiology with a concentration in medical microbiology have knowledge of foundational concepts in biological sciences, chemistry, physics and statistics as well as the ability to understand and apply core microbiology concepts.

They have fulfilled the majority of prerequisite requirements and mastered many of the competencies valued by graduate programs in medical, dental and optometry fields and by programs which prepare students to be physician assistants or physical therapists. Additionally, they have a practical understanding of the process of science, preparing them for a career in research. They are prepared to enter research in a number of areas including cellular biology, immunology, bacteriology and virology.

**Contact Information:**

Liberal Arts and Sciences, The College of  
School of Life Sciences

<https://sols.asu.edu/degree/undergrad/bs-microbiology-medical-microbi>

LSA 189

[sols.advising@asu.edu](mailto:sols.advising@asu.edu)

480-727-6277

## Molecular Biosciences and Biotechnology, BS (LAMBBBS)

**Campus:** Tempe

**Program Description:** The BS program in molecular biosciences and biotechnology encompasses many of the cutting-edge disciplines in life  
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sciences research. Biotechnology is an exciting, rapidly growing field with major applications in agriculture (green biotechnology, leading to improved crops or production of vaccines in plants), health care (red biotechnology, leading to better therapeutics, diagnostics and personalized medicine) and industry (white biotechnology, leading to sustainable production of energy, enzymes and chemicals).

This molecular biosciences and biotechnology degree program focuses on the interface between molecular biology and biotechnology. The interface drives major advancements in knowledge and applied research and development, such as the development of next-generation biomedical products or biofuels. Hands-on research and the capstone course with both science and business or entrepreneurial components round out this exciting program.

This program is available as an accelerated degree program. Students may visit this website to learn more about accelerated degree programs (<https://sols.asu.edu/degree-programs/accelerated-bachelors-masters-science>).

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit the college's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 251 - Calculus for Life Sciences

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

- Biochemistry (Medicinal Chemistry), MS
- Biology, MS
- Global Management, MGM
- Microbiology, MS
- Molecular and Cellular Biology, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAMBBBS~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in



their college journey.

**Global Opportunities:**

Global Experience: Students gain valuable, resume-enhancing experience when studying abroad (<https://goglobal.asu.edu/>). Students majoring in molecular biosciences and biotechnology are able to expand their knowledge of how science impacts society in a variety of cultures and how technology and culture intertwine across the globe.

With over 300 programs available, study abroad allows students to tailor their experience to their unique interests and skill sets. The College of Liberal Arts and Sciences recommends these study abroad programs (<https://goglobal.asu.edu/students/major/sls/molecular-biosciences-biotechnology>) for students majoring in molecular biosciences and biotechnology.

**Career Opportunities:** The molecular biosciences and biotechnology degree program provides an excellent background and training for a growing number of careers that incorporate this innovative area of the molecular life sciences. Independent research and courses with classroom plus lab components result in a solid base of knowledge and practical expertise in biotechnology and the molecular biosciences, providing many options for further education or for entering the workforce.

Many molecular biosciences and biotechnology graduates enter graduate programs in a molecular biosciences and biotechnology-related area. A number also enroll in medical school, other health-related professional programs or in other advanced programs. Graduates also have the knowledge and technical skills to enter the biotechnology workforce in an area matching their expertise and interest.

The molecular biosciences and biotechnology program has a faculty mentoring program which provides students with the opportunity to speak with faculty regarding career choices, selection and timeline of major courses and of independent research projects, and much more.

**Contact Information:**

Liberal Arts and Sciences, The College of  
School of Life Sciences

<https://sols.asu.edu/degree/undergrad/bs-molecular-bioscibiotechnology>

LSA 189

[sols.advising@asu.edu](mailto:sols.advising@asu.edu)

480-727-6277

## Neuroscience, BS (LABMENBS)

**Campus:** Tempe, Online

**Program Description:** Neuroscience seeks to understand how the brain and nervous system function to control bodily function, behavior and our internal mental states. The field of neuroscience spans all levels of biological analysis with interfaces to many fields such as mathematics, psychology, philosophy, medicine, law and engineering.

The BS program in neuroscience consists of rigorous, in-depth training in the interdisciplinary foundations of neuroscience (biology, chemistry and psychology) along with breadth of training across the main areas of neuroscience, defined by distinct levels of analysis:

- behavioral neuroscience: how the brain and nervous system control behavior
- cellular and molecular neuroscience: how cells in the nervous system work
- cognitive neuroscience: how brain activity underlies thoughts and emotions
- systems neuroscience: how the billions of neurons work together

Following coursework in their specific area of specialization, students are prepared for collaborative and interdisciplinary research in neuroscience. The degree program also enables students to enter professional degree graduate programs and to integrate innovative outcomes from the research community into their practices.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit the college's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 251 - Calculus for Life Sciences or MAT 265 Calculus for Engineers I or MAT 270 Calculus with Analytic Geometry I

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

Microbiology, MS  
Molecular and Cellular Biology, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/neuroscience-degree/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LABMENBS~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Students can gain valuable experience when studying abroad, experience that enhances their resumes. Students majoring concurrently in neuroscience are able to expand their communication and research skills and challenge themselves to adapt and persevere in a new and exciting culture.

With over 300 programs available (<https://goglobal.asu.edu/>) in a variety of cultures, study abroad allows students to tailor their experience to their unique interests and skill sets. The College of Liberal Arts and Sciences recommends specific (<https://goglobal.asu.edu/students/major/sls/neuroscience>) study abroad programs for students majoring concurrently in neuroscience.

**Career Opportunities:** The bachelor's degree in neuroscience prepares students for work in fields such as:

- academic research
- bioengineering
- biotechnology
- data science
- medical research
- medicine

- neuropsychology
- pharmaceutical research and development
- physical rehabilitation
- speech rehabilitation

Graduates are also competitive for entry into graduate-level programs in biomedical fields that prepare them for careers in medicine, nursing, clinical professions, technology or veterinary medicine.

**Contact Information:**

Liberal Arts and Sciences, The College of  
 Department of Psychology  
<https://psychology.asu.edu/>  
 PSY 202  
 psych.advisor@asu.edu  
 480-965-7258

## Philosophy, BA (LAPHIBA)

**Campus:** Tempe, Online

Accelerated options for this program are not currently available to ASU Online students.

**Program Description:** The BA in philosophy teaches students how to think well, which in turn lays the foundation for personal and professional success.

Philosophy students learn how to structure arguments, write precisely and clearly, and communicate their ideas in an orderly, persuasive and unambiguous way. Many philosophical texts are complicated, and philosophy courses teach students how to read, comprehend and summarize conceptually difficult material. In short, studying philosophy trains one to be a better, clearer thinker.

Coursework includes the major subfields of philosophy, such as metaphysics, epistemology and ethics, and electives that connect philosophy to other areas of inquiry, emphasizing the social relevance of philosophy.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit the college's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

**Additional Program Fee:** Y

**Second Language Requirement:** Yes

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

- Global Management (Creative Industries and Design Thinking), MGM
- Global Management (Digital Audience Strategy), MGM
- Global Management (Global Affairs), MGM
- Global Management (Global Business), MGM
- Global Management (Global Development and Innovation), MGM
- Global Management (Global Digital Transformation), MGM
- Global Management (Global Entrepreneurship), MGM
- Global Management (Global Health Care Delivery), MGM
- Global Management (Global Legal Studies), MGM
- Global Management (Integrated Health Care), MGM
- Global Management (Nonprofit Leadership and Management), MGM
- Global Management (Public Administration), MGM
- Global Management (Public Policy), MGM
- Global Management (Sustainability Solutions), MGM
- Global Management (Sustainable Tourism), MGM
- Global Management, MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-philosophy/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAPHIBA~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Present and defend a philosophical view using concepts, technical terminology, and methods acquired in an advanced topical seminar as well as skills in logical analysis and civil and respectful argumentation.
- Present and explain central philosophical positions from key figures in the historical development of philosophical thought, especially their metaphysical and epistemological positions.
- Evaluate how well different normative ethical theories such as consequentialism, deontology, virtue theory provide moral standards that dictate which (if any) actions are right and wrong or how well different metaethical theories such as realism, expressivism, relativism, and nihilism account for the meaning and truth of moral claims.
- Evaluate arguments for formal validity and construct formal proofs. Students will be able to capture the logical form of prose arguments.

**Global Opportunities:**

Global Experience: Students can explore a diverse range of cultures and philosophies through study abroad. Study abroad programs help students gain valuable skills such as problem solving, communication, adaptability and cultural competency, skills that enhance their resumes. With over 300 unique programs around the globe, students can tailor their study abroad experience to their interests and skill sets.

More information on available programs can be found on the Global Education Office website (<https://goglobal.asu.edu/>). The College of Liberal Arts and Sciences recommends these study abroad programs (<https://goglobal.asu.edu/students/major/shprs/philosophy>) for students majoring in philosophy.

**Career Opportunities:** Philosophy alumni are well prepared for leadership roles whatever path they take, whether it be in business, law, politics, medicine or education.

The analytical, rhetorical and writing skills developed through the study of philosophy provide ideal preparation for careers in a wide range of fields, including:

- business
- education

- journalism
- law
- medicine
- public service

**Contact Information:**

Liberal Arts and Sciences, The College of  
 Historical, Philosophical & Religious Studies, Sch  
<https://shprs.asu.edu/>  
 COOR 4591  
 SHPRSadvising@asu.edu  
 480-965-8364

**Philosophy (Morality, Politics and Law), BA (LAPHIMPBA)**

**Campus:** Tempe, Online

Accelerated options for this program are not currently available to ASU Online students.

**Program Description:** The BA in philosophy with a concentration in morality, politics and law combines the basic analytical approaches of philosophy with an emphasis on the moral questions that arise in political theory and law. The foundations of political and legal systems are moral values, such as individual liberty, equality and justice. These are contested values, open to different understandings of their nature and implications.

Students explore the nature of morality, political theory, legal theory and the interconnections between them. Students complete philosophy courses as well as courses from disciplines related to philosophy to enrich and enliven their understanding of the intersections of morality, politics and law. This degree program is of special interest to students planning to pursue postgraduate work in law, policy or politics.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit the college's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

**Additional Program Fee:** Y

**Second Language Requirement:** Yes

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

- Global Management (Creative Industries and Design Thinking), MGM
- Global Management (Digital Audience Strategy), MGM
- Global Management (Global Affairs), MGM
- Global Management (Global Business), MGM
- Global Management (Global Development and Innovation), MGM
- Global Management (Global Digital Transformation), MGM
- Global Management (Global Entrepreneurship), MGM
- Global Management (Global Health Care Delivery), MGM
- Global Management (Global Legal Studies), MGM
- Global Management (Nonprofit Leadership and Management), MGM
- Global Management (Public Administration), MGM
- Global Management (Public Policy), MGM
- Global Management (Sustainability Solutions), MGM
- Global Management (Sustainable Tourism), MGM
- Global Management, MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/philosophy-morality-politics-and-law-ba/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAPHIMPBA~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Present and defend a philosophical view about a specific sub-topic in philosophy using concepts, technical terminology, and methods acquired in an advanced topical seminar as well as skills in logical analysis and civil and respectful argumentation.
- Evaluate how well different normative ethical theories such as consequentialism, deontology, virtue theory, provide moral standards that dictate which (if any) actions are right and wrong.
- Evaluate different approaches to constitutional interpretation and their application to actual case law.
- Apply the concept of formal validity and the rules of deductive inference to evaluate the deductive validity of prose arguments and to construct formalized proofs in symbolic logic.

**Global Opportunities:**

Global Experience: Students can explore the diverse range of cultures and philosophies. With over 300 unique programs around the globe, students can tailor their study abroad experience to their interests and skill sets. Study abroad programs help students gain valuable skills such as problem-solving, communication, adaptability and cultural competency, skills that enhance their resumes.

More information on available programs can be found on the Global Education Office website (<https://goglobal.asu.edu/>). The College of Liberal Arts and Sciences recommends these study abroad programs (<https://goglobal.asu.edu/students/major/shprs/philosophy>) for students majoring in philosophy with a concentration in morality, politics and law.

**Career Opportunities:** Graduates are prepared for career opportunities in law, policymaking and analysis, politics and intelligence work. For example, graduates may find employment with the U.S. Department of State, the Central Intelligence Agency or the United States Department of Justice. The program is excellent preparation for law school.

**Contact Information:**

Liberal Arts and Sciences, The College of  
Historical, Philosophical & Religious Studies, Sch  
<https://shprs.asu.edu/>  
COOR 4591  
SHPRSadvising@asu.edu  
480-965-8364

## Philosophy (Science, Nature and Mind), BA (LAPHISNMBA)

**Campus:** Tempe

**Program Description:** The BA program in philosophy with a concentration in science, nature and mind combines training in philosophy with an emphasis on those questions raised by the natural, social and cognitive sciences.

Scientific investigation of the physical world and the mind inevitably makes assumptions about what sorts of things are real, the relationship of physical systems to conscious thought, and the nature of scientific explanation. The natural and social sciences are thus connected with philosophical views in metaphysics and epistemology. In addition, more applied areas of science such as those concerned with sustainability and new technologies raise ethical and policy questions as well as questions about humans' moral relationship to the natural world.

Students enrich their understanding of the natural and social sciences through courses in philosophy as well as courses from related disciplines. This program is a great fit for students who want to complement a science major with a second major in the humanities and for students who wish to do postgraduate work in medicine, sustainability or technology.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit the college's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

**Additional Program Fee:** Y

**Second Language Requirement:** Yes

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAPHISNMBA~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Present and defend a philosophical view about a specific sub-topic in philosophy using concepts, technical terminology, and methods acquired in an advanced topical seminar as well as skills in logical analysis and civil and respectful argumentation.
- Evaluate how well such different theories of mind as dualism, behaviorism, identity theory, functionalism and eliminativist materialism solve the mind-body problem and the problem of explaining phenomenal consciousness.
- Evaluate different approaches to understanding the nature of scientific justification, the aims of science and how they can be achieved, and what makes some theories preferable to others.
- Apply the concept of formal validity and the rules of deductive inference to evaluate the deductive validity of prose arguments and to construct formalized proofs in symbolic logic.

**Global Opportunities:**

Global Experience: Students can explore the diverse range of cultures and philosophies around the globe. With over 300 unique study abroad programs, students can tailor their experience to their interests and skill sets. Study abroad programs help students gain valuable skills such as problem solving, communication, adaptability and cultural competency, skills that enhance their resumes.

More information on available programs can be found on the Global Education Office website (<https://goglobal.asu.edu/>). The College of Liberal Arts and Sciences recommends these study abroad programs (<https://goglobal.asu.edu/students/major/shprs/philosophy>) for students majoring in philosophy with a concentration in science, nature and mind.

**Career Opportunities:** The analytical, writing and problem-solving skills gained through a philosophy major are highly transferrable to a very wide range of jobs, and students with a degree in philosophy have the highest median income of all humanities graduates.

Graduates of the science, nature and mind concentration are prepared for career opportunities in medical and mental health fields, climate change areas and sustainability, information and policy analysis, and scientific and nature education and writing. For example, graduates may find employment with the U.S. Environmental Protection Agency.

This program also provides excellent preparation for students interested in medical school.

**Contact Information:**

Liberal Arts and Sciences, The College of  
Historical, Philosophical & Religious Studies, Sch  
<https://shprs.asu.edu/>  
COOR 4591  
SHPRSadvising@asu.edu  
480-965-8364

## Physics, BA (LAPHYBA)

**Campus:** Tempe, Online

**Program Description:** Physics is concerned with the nature, structure and interactions of matter and radiation. The BA program in physics provides a flexible and efficient option for students who are interested in a liberal arts degree that provides them a broad knowledge of physics. This degree program also is ideal for students seeking to complete two degrees, with physics as the second degree.

The program combines innovative learning methods with time-tested classroom and laboratory experiences for an education that is thorough in physics training and flexible enough to encourage interdisciplinary opportunities in areas such as chemistry, biology and materials science.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit the college's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** Yes

**First Required Math Course:** MAT 270 - Calculus w/Analytic Geometry I or MAT 265 Calculus for Engineers

**Program Math Intensity:** Substantial

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**



ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAPHYBA~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Global Opportunities:**

Global Experience: Students majoring in physics can study abroad (<https://goglobal.asu.edu/>) in one of over 300 programs available. A study abroad experience offers a way to supplement the ASU experience as well as the chance to build helpful, resume-boosting skills that employers seek. Students who study abroad improve their communication skills, can learn to adapt to unforeseen challenges and expand their worldview through international experiences that open them to different points of view. Students can find more information on the Global Education website.

**Career Opportunities:** Graduates with a Bachelor of Arts degree in physics may pursue such careers as:

- data analyst
- K-12 STEM teacher
- patent scientist
- lab assistant
- science writer
- technology support analyst

#### **Contact Information:**

Liberal Arts and Sciences, The College of  
Department of Physics  
<https://physics.asu.edu/>  
PSF 470  
[physics.undergrad@asu.edu](mailto:physics.undergrad@asu.edu)  
480-965-3561

## **Physics, BS (LAPHYBS)**

**Campus:** Tempe, Online

**Program Description:** Physics is concerned with the nature, structure and interactions of matter and radiation.

The BS degree program in physics provides students a solid foundation in physical science and mathematics, which is appropriate for further graduate study in physics, other sciences or engineering programs.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit the college's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

#### **STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 270 - Calculus w/Analytic Geometry I OR MAT 265 Calculus for Engineers I

**Program Math Intensity:** Substantial

#### **Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap

in curriculum.

### **Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

Materials Science and Engineering, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

### **Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** Current ASU students wishing to change their major to physics should have a minimum cumulative GPA of 2.50 (scale is 4.00 = "A") for all critical classes they have completed.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

### **Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/physics-bs/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAPHYBS-null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

### **Global Opportunities:**

Global Experience: Students gain valuable experience through study abroad (<https://goglobal.asu.edu/>), experience which enhances their resumes. With more than 300 programs available in a variety of countries around the world, study abroad allows students majoring in physics to tailor their experience to their unique interests and skill sets.

Graduates who possess the heightened cultural competency, leadership and critical thinking skills they acquired when studying abroad may stand out in a competitive field.

**Career Opportunities:** The broad range of applicability of the principles of physics gives the physicist great flexibility in a choice of career or further education. About half of the graduates with a bachelor's degree in physics go on to graduate school in:

- astronomy
- engineering
- medicine
- physics

Others go directly into employment in areas such as:

- business
- computer software
- education

- engineering
- materials science

**Contact Information:**

Liberal Arts and Sciences, The College of  
 Department of Physics  
<https://physics.asu.edu/>  
 PSF 470  
[physics.undergrad@asu.edu](mailto:physics.undergrad@asu.edu)  
 480-965-3561

## Physics (Secondary Education), BS (LAPHYSEBS)

**Campus:** Tempe

ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options.

**Program Description:** The BS program in physics with a concentration in secondary education provides rigorous training in physics and in education. Physics is the cornerstone of STEM disciplines --- science, technology, engineering and mathematics.

In addition to gaining a solid foundation in physical science and mathematics, students acquire the knowledge and skills they need to enter the secondary school teaching profession as a certified physics teacher or to attend graduate school for physics.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 270 - Calculus w/Analytic Geometry I

**Program Math Intensity:** Substantial

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAPHYSEBS-null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Students wishing to pursue a future in education must understand the diverse set of experiences, backgrounds and cultures that can shape the students in their classrooms. A study abroad program can enhance their physics degree by providing them with firsthand experience of various cultures and communities.

Each of the more than 300 Global Education program (<https://goglobal.asu.edu/>) options provide students with the opportunity for personal enrichment and to develop a valuable skill set that can give them an advantage in their career. Whether in a foreign country, in the U.S. or online, students are encouraged to build communication skills, challenged to adapt and persevere, exposed to differences across the world, and they increase their ability to work with diverse groups of people.

**Career Opportunities:** The shortage of highly qualified physics teachers in every state is an ongoing problem. This concentration is designed to produce more and better-qualified physics teachers to meet local and national needs. Graduates are recommended by the Mary Lou Fulton Teachers College for certification by the State of Arizona.

Graduates of the secondary education concentration have the flexibility to select from jobs in diverse fields. The combination of science and education curriculum provides a range of career choices, such as:

- business
- engineering
- materials science
- secondary education

They can also choose to pursue graduate studies in:

- astronomy
- education
- engineering
- medicine
- physics

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

**Contact Information:**

Liberal Arts and Sciences, The College of  
 Department of Physics  
<https://physics.asu.edu/>  
 PSF 470  
[physics.undergrad@asu.edu](mailto:physics.undergrad@asu.edu)  
 480-965-3561

## Political Science, BA (LAPOSBA)

**Campus:** Tempe, Online

**Program Description:** The BA program in political science offers a variety of courses and opportunities to study politics and policies at the local, national and global levels. The program aims to provide students with the tools and skills they need to link theory with real-world problems and issues.

Students study how citizens interact with their governments and how governments at all levels formulate policies to serve or not serve their citizens. Students can learn about politics and explore innovative approaches to today's emerging challenges, such as those seen in U.S. elections and lobbying and the international issues of terrorism, diplomacy and empowerment.

With coursework in several areas of political science and broad exposure to ASU's liberal arts offerings, the Bachelor of Arts degree in political science produces well-rounded learners with strong research and writing skills.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit the college's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

**Additional Program Fee:** Y

**Second Language Requirement:** Yes

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

- Global Security (Cybersecurity), MA
- Global Security, MA
- Political Psychology, MA
- Political Science, MA
- Public Administration, MPA
- Public Policy, MPP

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-political-science/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAPOSBA~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Students can experience firsthand the diverse political and social powers governing communities around the globe. With over 300 Global Education programs (<https://goglobal.asu.edu/>) available, study abroad allows students to tailor their experience to their unique interests and skill sets. Students majoring in political science can enhance their learning by gaining a global perspective on political theory and world affairs in countries with regimes like communism and monarchies.

The College of Liberal Arts and Sciences recommends these study abroad programs (<https://goglobal.asu.edu/students/major/spgs/political-science>) for students majoring in political science.

**Career Opportunities:** Graduates have skills useful for success in political or governmental careers, law school, graduate study, business or the nonprofit sector. Many program graduates have found positions in the following:

- foreign service organizations
- legislative staff organizations
- lobbying and advocacy groups
- local and national media organizations
- local, national and global nonprofit organizations
- multinational corporations
- national, state, and local government agencies
- political consulting
- research institutions
- the courts and judicial administration

In addition, some graduates have gone on to other top tier graduate and professional schools. These students have found a range of employment opportunities in the fields of:

- communication
- education
- foreign service

- journalism
- law
- political science
- public service

**Contact Information:**

Liberal Arts and Sciences, The College of  
 School of Politics and Global Studies  
<https://spgs.asu.edu/>  
 COOR 6797  
 spgs-ugadvising@asu.edu  
 480-965-8563

**Political Science, BS (LAPOSBS)**

**Campus:** Tempe, Online

**Program Description:** The BS program in political science is useful for students who are looking for careers that require analytical thinking and quantitative skills.

Students study how citizens interact with their governments and how governments at all levels formulate policies to serve, or not serve, their citizens. Students can apply what they learn as they explore innovative approaches to today's emerging local, national and global challenges, such as those seen in domestic elections and lobbying and the international issues of terrorism, diplomacy and empowerment.

The program offers a variety of courses and opportunities to study politics and public policy at the local, national and global levels. By providing experience with the analysis of political statistics, this degree program acquaints students with quantitative application skills.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit the college's (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) website for more information and requirements.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

- Global Security (Cybersecurity), MA
- Global Security, MA
- Political Psychology, MA
- Political Science, MA
- Public Administration, MPA
- Public Policy, MPP

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-political-science/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAPOSBS~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Students can experience firsthand the diverse political and social powers governing communities around the globe. With over 300 Global Education programs (<https://goglobal.asu.edu/>) available, study abroad allows students to tailor their experience to their unique interests and skill sets. Students majoring in political science can enhance their learning by gaining a global perspective on political theory and world affairs in countries with regimes like communism and monarchies.

The College of Liberal Arts and Sciences recommends these study abroad programs (<https://goglobal.asu.edu/students/major/spgs/political-science>) for students majoring in political science.

**Career Opportunities:** Graduates have skills useful for careers in public policy and other analytical positions in or related to government and politics. Many graduates of this degree program have found positions in:

- foreign service organizations
- legislative or judicial staff organizations
- lobbying and advocacy groups
- local and national media organizations
- local, national and global nonprofit organizations
- multinational corporations
- national, state and local government agencies
- political consulting
- research institutions
- survey research

In addition, some graduates have gone on to other top tier graduate and professional schools. These students have found a range of employment opportunities in the fields of:

- communication
- data science
- education
- foreign service
- journalism
- law
- political science
- public service

**Contact Information:**

Liberal Arts and Sciences, The College of  
School of Politics and Global Studies

<https://spgs.asu.edu/>

COOR 6797

[spgs-ugadvising@asu.edu](mailto:spgs-ugadvising@asu.edu)

480-965-8563

## Politics and the Economy, BS (LAPECBS)

**Campus:** Tempe

**Program Description:** The BS program in politics and the economy prepares students for careers that require a sophisticated understanding of the relationship between politics and the economy.

This degree is a response to the growing recognition that many of the world's most pressing problems (e.g., growth and development, tax reforms and climate change) are fundamentally political and economic problems. The program combines core courses in economics and political science. Utilizing the strengths of both the ASU Department of Economics and the School of Politics and Global Studies, students graduate with strong quantitative and modeling skills and a rich understanding of political context.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit the college's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** Any math course that meets the MA designation, except MAT 142 College Mathematics.

**Program Math Intensity:** Moderate

### Concurrent Program Options:

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

### Accelerated Program Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Political Science, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

### Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: All students are required to meet general university admission requirements.

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

### Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAPECBS-null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

### Global Opportunities:

Global Experience: Students can study both politics and economics from others' standpoints, while studying abroad. With over 300 programs available (<https://goglobal.asu.edu/>), study abroad allows students to tailor their experience to their unique interests and skill sets. It can help them explore how other countries and cultures approach their most pressing problems, giving students insights they can then apply in their future careers.

**Career Opportunities:** According to external forecasters of employment growth (U.S. Department of Labor and U.S. News & World Report), job



opportunities for graduates of the politics and the economy degree program are expected to grow as fast or faster than the average growth of the labor force. These forecasters note that the demand for graduates grounded in economics and political science is driven by the growing complexity of the global economy, the increased implementation of financial regulations in wealthier nations and the growing competitiveness of the business environment.

In terms of specific sectors, graduates are well prepared for entry positions in government at all levels (local, state and federal) and in business, economic and political consulting, and law. They are also prepared to pursue advanced degrees in law, business, economics or political science.

**Contact Information:**

Liberal Arts and Sciences, The College of  
School of Politics and Global Studies  
<https://wpcarey.asu.edu/economics-degrees/undergraduate>  
CRTVC 412  
wpcareyecn@asu.edu  
480-965-3531

## Psychology, BA (LAPGSBA)

**Campus:** Tempe

**Program Description:** In addition to coursework, the BA in psychology offers students the opportunity to work alongside renowned faculty researching exciting new questions. Students explore the complex answers to many of the mysteries of human and animal behavior, such as how humans manage stress, emotions, conflict and how body image affects a sense of identity. Students are also able to apply their knowledge in internships that help them identify and prepare for interesting careers that involve psychology.

The study of psychology prepares students with support and answers not only for the transition into their work lives but also for other important life roles. The Department of Psychology is committed to providing continued support and answers to its graduates as they use that foundation of psychology in their own lives as they transition into jobs, careers, marriage and families. Undergraduates in the psychology major have access to a mentorship network of alumni to help mentor and provide support throughout their academic careers.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit the college's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

**Additional Program Fee:** Y

**Second Language Requirement:** Yes

**First Required Math Course:** MAT 119 - Finite Mathematics or MAT 170 Pre-Calculus

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

Global Management, MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: Freshman admission requirements for this program are the same as the university's freshman admission requirements.

Transfer Admission Requirements: Transfer applicants must meet university transfer admission requirements.

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transferecreditguide/app/transfermap?major=LAPGSBA~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Study abroad allows students in the psychology program to acquire additional skills and knowledge. They are exposed to unique differences in human behavior, are able to improve language and cross-cultural skills for effective communication, and are challenged to adapt to new social and cultural circumstances.

The expanded education students acquire through a Global Education program (<https://goglobal.asu.edu/>) will be a valuable enhancement to their resume, helping them stand out when applying for graduate school or when pursuing their choice of careers.

The College of Liberal Arts and Sciences recommends these programs (<https://goglobal.asu.edu/students/major/psychology>) for students majoring in psychology.

**Career Opportunities:** The Bachelor of Arts in psychology provides students the opportunity to develop a broad range of highly marketable skills, including analytical skills, writing and public speaking skills as well as teamwork and leadership skills.

Graduates are prepared for many careers in a variety of settings that provide opportunities to apply concepts and principles of psychology. They also are prepared for pursuit of graduate degrees in academic or clinical psychology or in such fields as counseling, social work, family therapy and law.

**Contact Information:**

Liberal Arts and Sciences, The College of  
Department of Psychology  
<https://psychology.asu.edu/>  
PSY 202  
psych.advisor@asu.edu  
480-965-7258

## Psychology, BS (LAPGSBS)

**Campus:** Tempe

**Program Description:** In the BS program in psychology, students discover the ways in which psychology combines with other STEM disciplines in the study of how the brain and behavior impact all aspects of the human experience.

Students acquire basic knowledge of psychology theory and practice. They develop skills in research analysis, critical thinking and the ability to interact effectively with a range of diverse groups across scientific interests and disciplines.

In addition to coursework, they gain hands-on experience by working with renowned world-class faculty researching the brain, mind and behavior. Students can prepare for interesting careers using psychology by working in functioning research laboratories studying the complexities of human and animal behavior.

The Department of Psychology is known for and is committed to providing continued support and answers to its graduates as a foundation for their personal transition into careers, marriage, families and other important life roles. Undergraduates in the psychology major also have access to a mentor network of alumni to help mentor and provide support throughout their academic careers.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit the college's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 119 - Finite Mathematics or MAT 170 Pre-Calculus

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

Global Management, MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: Freshman admission requirements for this program are the same as the university's freshman admission requirements.

Transfer Admission Requirements: Transfer applicants must meet university transfer admission requirements.

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAPGSBS~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Through study abroad programs, students are exposed to unique differences in human behavior and the human condition, are able to improve language and cross-cultural skills for effective communication, and are challenged to adapt to new social and cultural circumstances.

The expanded education students acquire through a Global Education program (<https://goglobal.asu.edu/>) will be a valuable enhancement to their resume, helping them stand out when applying for graduate school or when pursuing their choice of careers

The College of Liberal Arts and Sciences recommends these programs (<https://goglobal.asu.edu/students/major/psychology>) for students majoring in psychology.

**Career Opportunities:** Graduates are well positioned for advanced research and graduate study in psychology, the health sciences, law and other graduate level degrees and programs. The Bachelor of Science degree program also prepares graduates with the strong foundation they need for direct entry into their choice of career in any of many field options.

**Contact Information:**

Liberal Arts and Sciences, The College of

Department of Psychology

<https://psychology.asu.edu/>

PSY 202

[psych.advisor@asu.edu](mailto:psych.advisor@asu.edu)

480-965-7258

## Psychology (Psychological Science), BS (LAPGSPSBS)

**Campus:** Tempe

**Program Description:** In addition to coursework, the BS program in psychology with a concentration in psychological science offers students the opportunity to work alongside renowned faculty researching exciting new questions. Students study human and animal behavior, such as how humans manage stress and emotions and how body image affects a sense of identity. They also are able to apply their knowledge through internships that help prepare them for interesting careers that provide opportunities for them to use their knowledge of psychology.

The Department of Psychology expects to provide its graduates with a foundation of psychology that may be applied in their own lives, not only for their transition into jobs and careers, but also in marriages, families and other important aspects of life. Undergraduates in the psychology major also have access to a mentorship network of alumni to help mentor and provide support throughout their academic careers.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit the college's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 119 - Finite Mathematics Or MAT 170 Pre-Calculus

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: The BS in psychology with a concentration in psychological science is open to students who have:

- completed the critical courses for a BS in psychology (ENG 101, ENG 102, MAT 251 or MAT 270, PSY 101, PSY 230, PSY 290) with a "C" or better
- earned at least 45 credit hours
- earned at least an ASU cumulative GPA of 3.00

Students must maintain at least a cumulative GPA of 3.00 from admittance through graduation.

**Change of Major Requirements:** Students must have completed all critical courses for the BS in psychology (ENG 101, ENG 102, MAT 119 or MAT 170, PSY 101, PSY 230, PSY 290) with a "C" (2.00 on a 4.00 scale) or better, and have earned at least 45 earned credit hours.

Students must maintain a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") from admittance through graduation.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LAPGSPSBS-null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

**Global Experience:** When studying abroad, students are able to enhance their understanding of human interaction, culture and behavior through the unique cultural experiences afforded by the opportunities inherent in their program.

Global Education programs (<https://goglobal.asu.edu/>) expose students to unique differences in the human condition elsewhere in the world and expands their knowledge. Students gain heightened cultural competency and communication and critical thinking skills while exploring a new and exciting part of the world. This valuable skill set can set them apart from other applicants when applying for graduate school or when pursuing a job after graduation.

The College of Liberal Arts and Sciences recommends these programs (<https://goglobal.asu.edu/students/major/psychology>) for students majoring in psychology.

**Career Opportunities:** A major in psychology provides a strong foundation for many different career fields. The bachelor's degree program in psychology with a concentration in psychological science prepares graduates for careers as researchers, teachers or clinicians, or for graduate study. The program is also ideal preparation for professional postgraduate programs in the fields of law and medicine.

**Contact Information:**

Liberal Arts and Sciences, The College of  
Department of Psychology  
<https://psychology.asu.edu/>  
PSY 202  
psych.advisor@asu.edu  
480-965-7258

## Religious Studies (Religion, Culture and Public Life), BA (LARELCPBA)

**Campus:** Tempe, Online

Accelerated options for this program are not currently available to ASU Online students.

**Program Description:** The BA in religious studies with a concentration in religion, culture and public life approaches religion as a mode of human culture, as constituted in intellect, language, emotion, practice, art and everyday life.

The program focuses on the role religions play in the formation of cultural identities, traditions, norms and memories, and it examines in particular the impact religions have on culturally specified ways people reason, communicate, socialize, work, entertain, dress, eat, live and die. Special consideration is given to the influence of religion on gender roles and sexual norms; the formation of images of the body and the moral assessment of medical practices; and the reflection and reproduction of religion in film, popular culture, and conventional, digital and social media.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit the college's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

**Additional Program Fee:** Y

**Second Language Requirement:** Yes

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

- Global Management (Creative Industries and Design Thinking), MGM
- Global Management (Digital Audience Strategy), MGM
- Global Management (Global Affairs), MGM
- Global Management (Global Business), MGM
- Global Management (Global Development and Innovation), MGM
- Global Management (Global Digital Transformation), MGM
- Global Management (Global Entrepreneurship), MGM
- Global Management (Global Health Care Delivery), MGM
- Global Management (Global Legal Studies), MGM
- Global Management (Nonprofit Leadership and Management), MGM
- Global Management (Public Administration), MGM
- Global Management (Public Policy), MGM
- Global Management (Sustainability Solutions), MGM
- Global Management (Sustainable Tourism), MGM
- Global Management, MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/religious-studies-religion-culture-and-public-life-ba/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LARELCPBA~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Formulate a thesis about a significant issue in religious studies relating to culture and public life.
- Address and analyze a scholarly issue in religious studies relating to culture and public life.
- Develop a sustained, evidence-based argument about a significant issue in religious studies relating to culture and public life.

**Global Opportunities:**

Global Experience: Religion plays a major role in cultural and societal norms, identities and traditions all over the world. Through one of more than 300 unique Global Education programs (<https://goglobal.asu.edu/>), students witness firsthand diverse religions and cultures and gain a heightened understanding of the impact of religion on human culture. Students also enrich their cultural competency, communication and critical thinking skills, which can enhance their resumes.

The College of Liberal Arts and Sciences recommends these study abroad programs (<https://goglobal.asu.edu/students/major/shprs/religious-studies>) for students majoring in religious studies with a concentration in religion, culture and public life.

**Career Opportunities:** Religious studies majors seek jobs in many professional areas, including:

- chaplaincy
- diversity management
- education
- foreign service
- health care, including mental health and counseling
- journalism
- law
- nonprofit and nongovernmental organizations
- public service and public policy
- publishing

Religious studies is an excellent foundation for graduate and professional studies in:

- anthropology
- gender studies

- health care
- history
- law
- justice studies
- philosophy
- political science
- sociology
- theology

The concentration addresses present-day interests and prepares students for jobs in a variety of professions. In addition to the fields listed above, students also pursue employment in media studies, migration and international studies.

**Contact Information:**

Liberal Arts and Sciences, The College of  
 Historical, Philosophical & Religious Studies, Sch  
<https://shprs.asu.edu/>  
 COOR 4591  
 SHPRSadvising@asu.edu  
 480-965-8364

## Religious Studies (Religion, Politics and Global Affairs), BA (LARELPGBA)

**Campus:** Tempe, Online

Accelerated options for this program are not currently available to ASU Online students.

**Program Description:** The BA program in religious studies with a concentration in religion, politics and global affairs considers how the study of religion expands the understanding of political culture, communal formation, governance, nationalism, statehood and citizenship in both domestic and global contexts.

Students explore the role religion has in shaping political values, social movements, civic organizations and communal norms, with particular attention on how religion impacts issues of health, the environment, migration, peace, conflict, violence and various issues of social justice. Special consideration is given to the religious intersections of nationality, ethnicity, race, gender and other vital facets of human community and identity.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit the college's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

**Additional Program Fee:** Y

**Second Language Requirement:** Yes

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

- Global Management (Creative Industries and Design Thinking), MGM
- Global Management (Digital Audience Strategy), MGM
- Global Management (Global Affairs), MGM
- Global Management (Global Business), MGM
- Global Management (Global Development and Innovation), MGM
- Global Management (Global Digital Transformation), MGM
- Global Management (Global Entrepreneurship), MGM
- Global Management (Global Health Care Delivery), MGM
- Global Management (Global Legal Studies), MGM
- Global Management (Integrated Health Care), MGM
- Global Management (Nonprofit Leadership and Management), MGM
- Global Management (Public Administration), MGM
- Global Management (Public Policy), MGM
- Global Management (Sustainability Solutions), MGM
- Global Management (Sustainable Tourism), MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/religious-studies-major/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LARELPGBA~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Formulate a thesis about a significant issue in religious studies related to politics and global affairs.
- Address and analyze a scholarly issue in religious studies related to politics and global affairs.
- Develop a sustained, evidence-based argument about a significant issue in religious studies related to politics and global affairs.

**Global Opportunities:**

Global Experience: Religion plays a major role in societal norms, politics and traditions all over the world. Through Global Education programs (<https://goglobal.asu.edu/>) (there are over 300 unique programs available), students witness diverse religions and cultures firsthand and gain a heightened understanding of the impact of religion. This understanding, as well as the cultural competency, communication and critical thinking skills they also acquire, will enhance their resumes.

The College of Liberal Arts and Sciences recommends these programs (<https://goglobal.asu.edu/students/major/shprs/religious-studies>) for students majoring in religious studies with a concentration in religion, politics and global affairs.

**Career Opportunities:** Religious studies majors seek jobs in many professional areas, including:

- chaplaincy
- diversity management
- education
- foreign service
- health care, including mental health and counseling
- journalism
- law
- nonprofit and nongovernmental organizations
- public service and public policy



- publishing

Religious studies is an excellent foundation for graduate and professional studies in:

- anthropology
- gender studies
- health care
- history
- law
- justice studies
- philosophy
- political science
- sociology
- theology

**Contact Information:**

Liberal Arts and Sciences, The College of  
Historical, Philosophical & Religious Studies, Sch  
<https://shprs.asu.edu/>  
COOR 4591  
SHPRSadvising@asu.edu  
480-965-8364

## Russian, BA (LARUSBA)

**Campus:** Tempe

**Program Description:** The BA program in Russian offers students a unique opportunity to study the language, literature and culture of Russia. Students in the program gain intermediate to advanced reading, writing, and oral and aural Russian language skills.

The Russian language program also partners with the Melikian Center to offer a transdisciplinary baccalaureate certificate in Russian, Eurasian and East European Studies for students in agribusiness, anthropology, architecture, economics, geography, history, political science, religious studies, Russian, sociology and women's studies.

Students of Russian are encouraged to take advantage of an ASU exchange (<https://goglobal.asu.edu/>) program in Russian language and translation by spending a semester or year in Moscow, St. Petersburg or Kazan.

**Additional Program Fee:** Y

**Second Language Requirement:** Yes

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Global Management, MGM

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LARUSBA~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

**Global Experience:** Studying abroad (<https://goglobal.asu.edu/>) is vital when learning Russian language and culture. To be immersed among native language speakers adds value to the degree, and the experience prepares students to take off in an exciting, multicultural career with valuable skills employers seek. Students can choose from programs in many Russian-speaking countries. Programs vary in length, from summer programs to full-year programs.

The College of Liberal Arts and Sciences recommends specific study abroad programs (<https://goglobal.asu.edu/students/major/SILC/russian>) for students majoring in Russian.

**Career Opportunities:** With Russia as an active player in world affairs on the international stage, knowledge of Russian language and culture is a valuable asset for graduates interested in government, diplomacy and international affairs and commerce.

Knowledge of multiple languages and intercultural competencies enhance any occupation and offers graduates many career opportunities. Career fields using languages include:

- administration of nongovernmental organizations
- advertising and marketing
- diplomatic and foreign service
- domestic and international business
- foreign correspondence and journalism
- international education and study abroad administration
- international law
- interpreting and translation
- teaching and research
- travel and tourism

**Contact Information:**

Liberal Arts and Sciences, The College of  
School of International Letters and Cultures  
<https://silc.asu.edu/degree/undergrad/ba-russian>  
DH 131  
[silcadvising@asu.edu](mailto:silcadvising@asu.edu)  
480-965-6281

## Sociology, BS (LASOCBS)

**Campus:** Tempe, Online

**Program Description:** Sociology is the study of social life, social change and the social causes and consequences of human behavior.

The BS program in sociology offers courses on contemporary social phenomena (i.e., crime, population trends and technology) as well as on the exploration of social institutions such as family, health, sports, law and the workplace. Students develop proficiency in written communication, computer skills, statistical analysis and research methodology.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit the college's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-sociology/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LASOCBS~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Students explore different cultures and social dynamics when studying abroad and also develop in-demand professional skills such as teamwork and problem-solving. Students can stay on track academically while earning ASU credit over winter or spring break trips. Among the opportunities available are home stays, which allow students to make connections with families in other countries. More information is available on the Global Education website (<https://goglobal.asu.edu/>).

The College of Liberal Arts and Sciences recommends these programs (<https://goglobal.asu.edu/students/major/ssfd/sociology>) for students majoring in sociology.

**Career Opportunities:** An undergraduate degree in sociology provides excellent preparation for future graduate work in:

- health-related professions
- law
- social work and counseling
- sociological research

The degree also prepares undergraduates for direct entry into positions in:

- business
- government
- social service

**Contact Information:**

Liberal Arts and Sciences, The College of  
Sanford School of Social and Family Dynamics

<https://thesanfordschool.asu.edu/>

SS 144

[advisor@asu.edu](mailto:advisor@asu.edu)

## Spanish, BA (LASPABA)

**Campus:** Tempe, Online

**Program Description:** Students pursuing a BA degree in Spanish have the opportunity to gain reading, speaking and writing proficiency in the language. The Tempe campus program offers two study options: the Spanish linguistics track and the Spanish literature and culture track.

The linguistics track provides an in-depth understanding of the Spanish language while the literature and culture track addresses issues throughout the Spanish-speaking world as seen through the lenses of Spanish language, culture and literature.

A Bachelor of Arts in Spanish is also available for ASU Online students; it combines courses from both the linguistics track and the literature and culture track.

Students are encouraged to contact a school advisor to discuss which option is best for them. Throughout the year, through study abroad and exchange programs (<https://goglobal.asu.edu/>), ASU offers opportunities to study in countries in which Spanish is spoken.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit the college's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

**Additional Program Fee:** Y

**Second Language Requirement:** Yes

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

### Concurrent Program Options:

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

### Accelerated Program Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

Global Management, MGM  
Language Teaching, MA  
Spanish, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

### Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

### Attend Online:

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-spanish/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LASPABA-null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Spanish is one of the most spoken languages in the world. Culture teaches people about themselves and how to prepare for the challenges of life, and foreign cultures broaden that perspective to include other peoples whose lives may be both notably different from and remarkable similarly to their own.

Global Education programs (<https://goglobal.asu.edu/>) provide immersion in the societies in which Spanish is spoken as well as a diverse array of individual and group experiences that effectively open those societies up to enriching personal experiences. Global Education programs enhance student's experience of the diversity of the world and the way in which knowledge of such diversity makes every person better a human being and citizen.

The College of Liberal Arts and Sciences recommends these programs (<https://goglobal.asu.edu/students/major/SILC/spanish>) for students majoring in Spanish.

**Career Opportunities:** Knowledge of multiple languages and intercultural competencies enhance any occupation and offer graduates many career opportunities. Language-intensive careers include:

- foreign correspondent or media professional
- foreign service officer
- intelligence officer
- international business
- language teacher
- law and immigration professional
- multilingual administrative professional
- professor of language, literature and culture
- translator or interpreter
- travel professional

Career fields in which knowledge of diverse languages and cultures is valuable include:

- advertising, marketing or communications
- airline industry
- film, television or multimedia
- hospitality industry
- hotel and resort management
- intelligence
- international education and study abroad administration
- international law
- military
- ministry

Additional education or certification may be required for some career paths.

**Contact Information:**

Liberal Arts and Sciences, The College of  
School of International Letters and Cultures  
<https://silc.asu.edu/degree/undergrad/ba-spanish>  
DH 131  
[silcadvising@asu.edu](mailto:silcadvising@asu.edu)  
480-965-6281

## Technological Leadership, BS (LATECLDRBS)

**Campus:** Tempe, Online

**Program Description:** In ASU's three-year BS degree program in technological leadership, students learn complex problem-solving, technical design thinking and leadership. Coursework focuses on individual and team-based research and design, intensive internships and fundamental

skills in writing, math and coding.

The heart of this major consists of an interdisciplinary blend of classroom learning and hands-on projects, taken each semester. In inquiry classes, students use an innovative inquiry process to explore big questions both independently and in teams. Examples of these questions include "What will the moon look like after human settlement?" and "What is the future of cars?" In hands-on classes, students use technical design thinking processes with software and lab tools to create physical products, digital solutions, or service designs that address complex challenges in the world of science and technology.

In addition, immersive internships provide students with an opportunity to apply knowledge from academic courses to address research opportunities or real-world challenges and gain valuable experience in the workplace before graduation.

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 251 - Calculus for Life Sciences or MAT 265 Calculus for Engineers I or MAT 270 Calculus with Analytic Geometry I

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/inquiry-based-learning-degree/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LATECLDRBS~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: With over 300 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire a global perspective and knowledge in preparation for a future-focused career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. More information is available on the Global Education website (<https://goglobal.asu.edu/>).

**Career Opportunities:** Graduates with this degree are prepared for a wide range of exciting career opportunities in many industries, such as

software and technology, energy, aerospace, finance, law and education. They are prepared to succeed in a variety of areas, such as:

- business strategy
- data and analytics
- engineering management
- general management
- operations
- product development
- product or program management
- project management
- teaching

**Contact Information:**

Liberal Arts and Sciences, The College of  
Dean, The College of Liberal Arts and Sciences  
<https://interplanetary.asu.edu/learn>  
FULTN 110  
TechLeadership@asu.edu  
602-496-1783

## Transborder Chicana/o and Latina/o Studies, BA (LATCLBA)

**Campus:** Tempe

**Program Description:** The BA program in transborder Chicana/o and Latina/o studies challenges students to understand the intersections of identity, culture and community for Mexican-origin, Chicano and Latino populations in the United States and the U.S.-Mexico transborder region, with implications for other border communities around the world.

More specifically, students learn about the diversity of cultural, social, political, economic, historical, health-related and artistic experiences in these communities and develop tools for understanding borders and border communities worldwide. The curriculum focuses on growing the next generation of critical thinkers and changemakers who work toward improving the lives of Latinos, strengthening Latino and transborder communities, and honoring transborder knowledge. Students learn from faculty with expertise in Latino health, literature, performance, gender, media studies, immigration policy, urban planning, culture and language.

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit The College's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

**Additional Program Fee:** Y

**Second Language Requirement:** Yes

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LATCLBA-null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: With over 300 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a future-focused career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. More information is available on the Global Education website (<https://goglobal.asu.edu>).

**Career Opportunities:** Latinos are the country's second largest ethnic group behind white non-Hispanics. This program equips students to address the changing needs of Latinos in the U.S. by preparing graduates to become immigration lawyers, nonprofit leaders, teachers, entrepreneurs, government employees, political activists, community organizers, advocates and artists. Career paths enhanced by this degree include:

- education (administration and teaching)
- film and media
- law
- local, state and national government agencies
- local, state and national public and private health services
- public policy and administration
- social work and nonprofit organizations
- the arts

**Contact Information:**

Liberal Arts and Sciences, The College of  
School of Transborder Studies  
<https://sts.asu.edu/>  
INTDSB 165  
[sts.undergrad@asu.edu](mailto:sts.undergrad@asu.edu)  
480-965-5091

## Transborder Chicana/o and Latina/o Studies (Media and Expressive Culture), BA (LATCLMBA)

**Campus:** Tempe

ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options.

**Program Description:** The BA program in transborder Chicana/o and Latina/o studies focuses on the political, cultural, economic, sociological, historical, psychological and artistic experiences of Mexican-origin and Latino populations in the United States and the U.S.-Mexico transborder region. Students explore the complexities of the Chicano and Latino experience on the U.S.-Mexico border and beyond, with implications for other border communities around the world.

In the media and expressive culture concentration, students focus their study on the cultures of Latino communities. Students learn about the cultural diversity of Chicano, Mexican, Puerto Rican, Cuban, Dominican, Central American and other Latino populations in the United States and their contributions to the arts by analyzing:

- film and the media
- history
- literature (novels, short stories, poetry)
- performance
- visual art

**Additional Program Fee:** Y

**Second Language Requirement:** Yes

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::



Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: Concurrent degree admission requirements:

Freshman applicants must meet all of the following standards:

- minimum ABOR GPA of 3.75
- no English competency deficiencies
- 1040 SAT Reasoning or 22 ACT score

Transfer Admission Requirements: Transfer students must have a minimum cumulative GPA of 3.00 from a transfer institution.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LATCLMBA-null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Students have the opportunity to immerse themselves in the homelands of the Chicano and Latino cultures they are studying. Students can deepen their understanding of transborder influences and gain a deeper appreciation of transborder media and expression while enhancing their resumes with heightened cultural competency, critical thinking and communication skills. Each of the more than 300 Global Education program (<https://goglobal.asu.edu/>) options provide an opportunity for students to develop a valuable skill set that can give them an advantage in their career and personal enrichment. Whether in a foreign country, in the U.S. or online, Global Education programs encourage students to build communication skills, challenge them to adapt and persevere, expose them to differences across the world and increase their ability to work with diverse groups of people.

**Career Opportunities:** The media and expressive culture concentration equips students with analytical and communication skills vital to the pursuit of graduate work and various career paths including:

- education (administration and teaching)
- film and media
- law
- local, state and national government agencies
- nonprofit organizations
- public policy and administration
- social work
- the arts

**Contact Information:**

Liberal Arts and Sciences, The College of

School of Transborder Studies

<https://sts.asu.edu/>

INTDSB 165

## Transborder Chicana/o and Latina/o Studies (Transborder Community Development and Health), BA (LATCLTBA)

**Campus:** Tempe

ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options.

**Program Description:** The BA degree program in transborder Chicana/o and Latina/o studies focuses on the political, cultural, economic, sociological, historical, psychological and artistic experiences of Mexican-origin and Latino populations in the United States and the U.S.-Mexico transborder region. Students learn to understand the complexities of the Chicano and Latino experience on the U.S.-Mexico border and beyond, with implications for other border communities around the world.

In the transborder community development and health concentration, students focus their learning on the health inequalities and issues affecting Mexican-origin, Chicano and Latino communities. Students also develop an understanding of the relationship between the places where people live, play, work and heal and the impact they have on people's health and well-being. Overall, students are able to design, implement and evaluate community-based health programs.

**Additional Program Fee:** Y

**Second Language Requirement:** Yes

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

### Concurrent Program Options:

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

### Accelerated Program Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

Transborder Studies, MAS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

### Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: Concurrent degree admission requirements:

Freshman applicants must meet all of the following standards:

- minimum ABOR GPA of 3.75
- no English competency deficiencies
- 1040 SAT Reasoning or 22 ACT score

Transfer Admission Requirements: Transfer students must have a minimum cumulative GPA of 3.00 from a transfer institution.

### Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LATCLTBA~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Students have the opportunity to immerse themselves in the homelands of the Chicano and Latino cultures they are studying. Students can deepen their understanding of transborder influences and observe the ways societies in other countries approach health while acquiring the heightened cultural competency and critical thinking and communication skills that will enhance their resumes. Each of the more than 300 Global Education program (<https://goglobal.asu.edu/>) options provide an opportunity for students to develop a valuable skill set that can give them an advantage in their career and personal enrichment. Whether in a foreign country, in the U.S. or online, Global Education programs encourage students to build communication skills, challenge them to adapt and persevere, expose them to differences across the world and increase their ability to work with diverse groups of people.

**Career Opportunities:** The transborder community development and health concentration program equips students with theoretical and practical knowledge necessary for graduate work in professional fields such as law and medicine, as well as entry-level positions in:

- education (administration and teaching)
- local, state and national public and private health services
- nonprofit organizations
- public affairs
- public health
- public policy and administration
- social work

**Contact Information:**

Liberal Arts and Sciences, The College of  
School of Transborder Studies

<https://sts.asu.edu/>

INTDSB 165

[sts.undergrad@asu.edu](mailto:sts.undergrad@asu.edu)

480-965-5091

## Transborder Chicana/o and Latina/o Studies (US and Mexican Regional Immigration Policy and Economy), BA (LATCLUBA)

**Campus:** Tempe

ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options.

**Program Description:** The BA degree program in transborder Chicana/o and Latina/o studies focuses on the political, cultural, economic, sociological, historical, psychological and artistic experiences of Mexican-origin and Latino populations in the United States and the U.S.-Mexico transborder region. Students explore the complexities of the Chicano and Latino experience on the U.S.-Mexico border and beyond, with implications for other border communities around the world.

In the U.S. and Mexican regional immigration policy and economy concentration, students focus their studies on policies and social practices contributing to the growing political and economic influence of Latinos in the U.S. and the U.S.-Mexico region. Students develop an understanding of the role of:

- border enforcement
- demographic change
- economic integration
- globalization
- immigration policy
- international migration
- regional development

**Additional Program Fee:** Y

**Second Language Requirement:** Yes

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

Transborder Studies, MAS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: Concurrent degree admission requirements:

Freshman applicants must meet all of the following standards:

- minimum ABOR GPA of 3.75
- no English competency deficiencies
- 1040 SAT Reasoning or 22 ACT score

Transfer Admission Requirements: Transfer students must have a minimum cumulative GPA of 3.00 from a transfer institution.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=LATCLUBA~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Students have the opportunity to immerse themselves in the homelands of the Chicano and Latino cultures they are studying, with study abroad programs across Central America, Mexico and other Latin American countries, deepening their understanding of transborder influences and gaining a new perspective on international migration. The heightened cultural competency and critical thinking and communication skills students acquire through study abroad are valued enhancements to students' resumes. More information on available programs can be found on the Global Education website (<https://goglobal.asu.edu/>).

**Career Opportunities:** The U.S. and Mexican regional immigration policy and economy concentration equips students with skills and knowledge necessary for graduate work in fields such as law, as well as career opportunities in:

- education (administration and teaching)
- local, state and national government agencies
- public affairs
- public policy and administration
- social work and nonprofit organizations

**Contact Information:**

Liberal Arts and Sciences, The College of  
School of Transborder Studies

<https://sts.asu.edu/>

INTDSB 165

[sts.undergrad@asu.edu](mailto:sts.undergrad@asu.edu)

480-965-5091

## Urban Planning, BSP (ARPUPBSP)

**Campus:** Tempe, Online

**Program Description:** The urban planning program introduces students to issues faced by urban areas and the tools necessary to address them. Urban planners guide communities in making wise decisions about their use of land and resources.

The BSP program in urban planning provides students with expertise in both the analysis and the synthesis of the physical, social, political and economic issues that shape urban and regional development. Planning encompasses:

- computer and research methods
- environmental impact assessment
- geographic information systems
- housing
- landscape architecture and urban design
- planning and zoning law
- public policy formulation and administration
- transportation
- urban and development economics
- utilities

Students take courses that include:

- comprehensive planning
- computer and analytical methods
- planning law
- public policy formulation and administration
- site planning
- socioeconomic and environmental analyses
- urban design

In addition to the guidelines in the Concurrent Program Options section below, students interested in pursuing concurrent or second baccalaureate degrees in The College of Liberal Arts and Sciences are advised to visit the college's website (<https://thecollege.asu.edu/concurrent-and-second-baccalaureate-degrees>) for more information and requirements.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

### **Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

### **Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Urban and Environmental Planning, MUEP

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

### **Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-urban-planning/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ARPUBSP~null + &college=CLA>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Through study abroad (<https://goglobal.asu.edu>) programs, students of urban planning can gain an understanding of how communities around the world have developed urban areas, and look at urban issues from a global perspective. The valuable experience students obtain through study abroad enhances their resumes, and they will be ready to use their acquired insights to help communities at home and around the world.

Study abroad programs are available in over 300 programs in more than 65 countries.

**Career Opportunities:** Graduates of urban planning pursue career opportunities with private planning firms and governmental planning agencies, mainly at the city level, but also with county, state and federal entities. Some planners elect to pursue graduate degrees to develop specialty skills and enhance their opportunities for career advancement.

The urban planning degree, especially when combined with a focus on geographic information science, gives graduates an advantage in careers that combine urban planning with GIS and in other jobs dealing with urban issues, including:

- comprehensive and long-range planning
- economic development planning
- housing issues
- planning law
- public participation in the planning process
- socioeconomic and environmental analyses
- sustainable planning
- transportation

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

**Contact Information:**

Liberal Arts and Sciences, The College of  
School of Geographical Sciences and Urban Planning  
<https://sgsup.asu.edu/degree/undergrad/bsp-urban-planning>  
COOR 5681  
SGSUP.advising@asu.edu  
480-965-7533

## Nursing and Health Innovation, Edson College of

### Applied Science (Health Entrepreneurship and Innovation), BAS (NUHCIBAS)

**Campus:** Downtown Phoenix, West, Online

**Program Description:** The BAS program with a concentration in health entrepreneurship and innovation is designed for students with an AAS degree who want to lead transformative change in health through the creation of new products, processes and systems.

Students have the opportunity to examine current evidence-based practice and health care policy through a lens of innovation using an integrated systems perspective, and they hone the skills necessary to be a leader of innovation in a health care context.

Students with health-related backgrounds who would like to learn more about innovation and leadership within health care organizations may be interested in the health entrepreneurship and innovation concentration. Students with an Associate of Applied Science degree in business or a related field may also have interest if they have employment experience in the health industry.

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** Any math course with the MA general studies designation will satisfy the math requirement.

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Aging, MS  
Healthcare Innovation, MHI

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: Students must have an Associate of Applied Science from a regionally accredited institution to be eligible for admission to Bachelor of Applied Science programs at Arizona State University.

**Change of Major Requirements:** Students with an Associate of Applied Science degree in health, business or a related field are eligible to change their ASU major to this applied science program in health entrepreneurship and innovation.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/health-innovation-bas/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NUHCIBAS~null + &college=CNU>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Global Opportunities:**

Global Experience: Students learn to thrive in a global environment through the rich educational and interpersonal experiences inherent in study abroad. A resume enhanced by the valuable study abroad experience will impress prospective employers and it will also help the student stand out should they decide to pursue advanced study.

With more than 300 Global Education program opportunities (<https://goglobal.asu.edu/>) available, students are able to tailor their experience to their unique interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

**Career Opportunities:** Primary career opportunities include health care administrators and health care managers as well as:

- entrepreneurs
- health architects
- health care administrators
- health care strategists, advisors, project managers and administrators
- health innovation consultants
- health product and service managers
- health system designers
- intrapreneurs (managers responsible for promoting innovative product development and marketing)
- public relations experts in health

#### **Contact Information:**

Nursing and Health Innovation, Edson College of

Edson College of Nursing and Health Innovation

<https://nursingandhealth.asu.edu/programs/bas/applied-science-health-entrepreneurship-and-innovation>

MERCC 250

[asu.hci@asu.edu](mailto:asu.hci@asu.edu)

602-496-0937

## **Community Health, BS (NUCHLTBS)**

**Campus:** Downtown Phoenix, West, ASU at Lake Havasu, Online

**Program Description:** Modern health care extends beyond the hospital and into local neighborhoods. Whether it means ensuring everyone has access to nutritious and fresh foods or providing vulnerable populations with preventative checkups, health care is now a community matter.

The BS in community health develops leaders who are dedicated to addressing health challenges at their source and creating partnerships with both public and private organizations to leverage resources. By creating a community-wide response to these challenges, graduates can better advocate for patients and provide education opportunities for people of all backgrounds.

Students with an interest in community change find this degree prepares them to be informed health activists, organizers, planners and well-rounded members of the local, regional and national community.

Key program areas of emphasis:

- advocacy for diverse individuals, families and communities
- providing health education, health promotion and care coordination
- providing understanding of environmental concerns and their impact on health
- understanding components of a healthy, sustainable community

Graduates of this program provide health education, health promotion, care coordination, disease management, health care navigation and advocacy services for individuals, families and communities.

This degree program has the same prerequisites as the nursing major; therefore, students may transition seamlessly to this program and obtain a bachelor's degree in a health-related field.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General



**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

Aging, MS  
Healthcare Innovation, MHI

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-community-health/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NUCHLTBS~null + &college=CNU>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Study abroad allows community health students to learn how to address the health needs of diverse populations. By immersing themselves in a culture outside of the United States, students can learn about global health trends as well as how people in another country have advocated for positive change in the health care systems of their communities. Students can find more information on the Global Education website (<https://goglobal.asu.edu/>).

**Career Opportunities:** Graduates may obtain employment as:

- community health managers
- community health outreach specialists
- health care navigators
- health promotion evaluators
- health services administrators

**Contact Information:**

Nursing and Health Innovation, Edson College of  
Edson College of Nursing and Health Innovation

<https://nursingandhealth.asu.edu/programs/bs/community-health>  
MERCC 250  
asu.ch@asu.edu  
602-496-0937

## Health Care Compliance and Regulations, BS (NUHCCRBS)

**Campus:** Downtown Phoenix, Online

**Program Description:** The BS in health care compliance and regulations is a full undergraduate degree program dedicated to the training of compliance specialists and is the first to be accredited by the Compliance Certification Board&reg;.

<https://www.corporatecompliance.org/certification> (<https://www.corporatecompliance.org/certification>)

Students are offered the opportunity to learn best practices from a broad array of industry experts (providers, regulatory agencies, government payers and others) within the medical industry, giving graduates options to channel their career in health care compliance.

This program is ideal for anyone interested in the ethical, regulatory and business sides of the health care industry. Program areas of emphasis include:

- industry standards for accreditation and auditing
- data privacy, security and analysis concepts
- revenue cycles, including current billing and coding procedures
- local and federal compliance policies, laws and regulations

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 117 - College AlgebraOR any math course that meets the MA designation

**Program Math Intensity:** Moderate

### Concurrent Program Options:

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

### Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

### Attend Online:

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/health-care-compliance-and-regulations-bs/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

### Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NUHCCRBS~null + &college=CNU>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

### Global Opportunities:

Global Experience: Students gain valuable experience when studying abroad, experience that will enhance their resumes. With more than 300 programs available, participating in a Global Education program (<https://goglobal.asu.edu/>) allows students to tailor their experience to their unique interests and skill sets. Students majoring in health care compliance and regulation can learn about other global health care systems and how they are regulated.

Graduates who possess the heightened cultural competency, leadership and critical thinking skills they acquired when studying abroad may stand out in a competitive field.

**Career Opportunities:** Graduates may be employed as:

- compliance analysts or specialists
- compliance leads or trainers for health care operations (revenue, clinical care, research, education)
- health care regulatory affairs analysts or specialists
- HIPAA privacy compliance analysts or specialists
- internal auditors, claims auditors or audit response leads
- Medicare and Medicaid compliance analysts or specialists
- special investigation unit analysts or specialists
- patient safety survey specialists
- regulatory compliance specialists

Career titles and salaries listed below are not necessarily entry level, and students should take into consideration how years of experience and geographical location may affect pay scales.

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

**Contact Information:**

Nursing and Health Innovation, Edson College of  
Edson College of Nursing and Health Innovation  
<https://nursingandhealth.asu.edu/programs/bs/health-care-compliance-and-regulations>  
MERCC 250  
asu.hccr@asu.edu  
602-496-0937

## Health Care Coordination, BS (NUHCCOBS)

**Campus:** Downtown Phoenix, West, Online

**Program Description:** The BS program in health care coordination prepares students to effectively coordinate resources to optimize individual health outcomes.

Through coursework, students build a thorough understanding of health care systems, community and public health, community resources, health education and health advocacy.

The program emphasizes patient advocacy and education, the resources available from community and public health services, and the role of health policy and financing in modern health care.

Graduates of the program are prepared to work with an interdisciplinary team to utilize resources, provide health education and advocate for the patient when it is needed the most.

This degree program uses the same prerequisites as the nursing major; therefore, students may transition seamlessly to this program and obtain a bachelor's degree in a health-related field.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics OR MAT 117 College Algebra OR any math course that meets the MA designation

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

Aging, MS  
Healthcare Innovation, MHI

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-health-care-coordination/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NUHCCOBS~null + &college=CNU>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: With more than 300 programs available, study abroad (<https://goglobal.asu.edu/>) allows students to tailor their experience to their unique interests and skill sets. Students majoring in health care coordination can expand their knowledge of how other countries allocate resources for health care.

With a resume enhanced by the heightened cultural competency, leadership and critical thinking skills they acquired from studying abroad, graduates can stand out in a competitive field.

**Career Opportunities:** Graduates of this program provide health care coordination, health advocacy and health education services to individuals and families. Program graduates may obtain employment as:

- care coordinators
- health advocates
- health care coordinators
- health care navigators
- health educators
- health resource managers
- patient advocates

**Contact Information:**

Nursing and Health Innovation, Edson College of  
Edson College of Nursing and Health Innovation  
<https://nursingandhealth.asu.edu/programs/bs/health-care-coordination>  
MERCC 250

## Health Entrepreneurship and Innovation, BS (NUHCIBS)

**Campus:** Downtown Phoenix, West, Online

**Program Description:** The BS program in health entrepreneurship and innovation provides a broad background in the principles of innovation, leadership, complexity science, change theory, collaboration and evidence-based decision-making to ensure its graduates are prepared to manage implementation of innovation in the health care arena.

Through the use of evidence-based decision-making and leadership skills in interprofessional teams, students learn to tackle health care challenges using modern technology, public policy and communication. This unique program situates students at the intersection of innovation and entrepreneurship, enabling them to develop their own solutions to health challenges.

Program areas of emphasis:

- develop competence in the design, application and testing of innovative processes and products
- incorporate current trends with interprofessional teams
- lead processes of innovation and transformation

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** Any math course that meets the MA designation.

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

Aging, MS  
Healthcare Innovation, MHI

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/health-innovation-bs/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use

MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NUHCIBS-null + &college=CNU>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Global Opportunities:**

Global Experience: Through study abroad (<https://goglobal.asu.edu/>), students majoring in health entrepreneurship and innovation are able to experience different health environments and deepen their understanding of innovative business and health care processes being used across the globe.

With more than 300 programs available, students can tailor their experience to their unique interests and skill sets. The valuable heightened cultural competency, leadership, and critical thinking skills they acquire will enhance their resumes and be applicable in any career choice.

**Career Opportunities:** Graduates may be employed as:

- entrepreneurs
- health architects
- health care administrator
- health care strategists, advisors, project managers and administrators
- health innovation consultant
- health product and service managers
- health system designers
- intrapreneurs --- managers responsible for promoting innovative product development and marketing
- public relations experts in health

#### **Contact Information:**

Nursing and Health Innovation, Edson College of  
Edson College of Nursing and Health Innovation  
<https://nursingandhealth.asu.edu/programs/bs/health-entrepreneurship-innovation>  
MERCC 250  
asu.hci@asu.edu  
602-496-0937

## **Integrative Health, BS (NUIHLTBS)**

**Campus:** Downtown Phoenix, West, Online

**Program Description:** The BS program in integrative health provides students with a foundation in integrative health, a holistic approach to wellness that focuses on the mind, body and spirit. By drawing on treatments from traditional, conventional and complementary medicines, students advocate for the best care for every patient.

Through innovative and interprofessional approaches to serving and supporting diverse populations, students learn to understand and differentiate the ethics, legalities and standards of practice of integrative health and to think critically about different therapies, modalities and practitioners. Coursework and experiences include an emphasis on research and evidence-based practices and gaining an understanding of the historical and cultural foundations of the integrative health field.

This degree program has the same prerequisites as the nursing major; therefore, students may transition seamlessly to this program and obtain a bachelor's degree in a health-related field.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** First math varies depending on the track chosen.

**Program Math Intensity:** General

#### **Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

#### **Accelerated Program Options:**

This program allows students to choose a 3-year path while participating in the same high-quality educational experience of a 4-year option. Students can opt to fast-track their studies after acceptance into a participating program by connecting with their academic advisor. Fast track options appear at the top of the major map.

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

Aging, MS  
Healthcare Innovation, MHI

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-integrative-health/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NUIHLTBS~null + &college=CNU>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Through study abroad (<https://goglobal.asu.edu/>), students majoring in integrative health are able to expand their knowledge of different therapies used in a variety of cultures and observe standards of practice across the globe.

With more than 300 programs available, students can tailor their experience to their unique interests and skill sets, and the valuable heightened cultural competency, leadership, and critical thinking skills they acquire will enhance their resumes and be applicable in any career choice.

**Career Opportunities:** Graduates are qualified for a career as a patient representative for integrative health, which involves assisting patients in obtaining services and in understanding policies, and in making health care decisions regarding integrative health.

Graduates may be employed in hospitals, doctor offices, wellness and fitness centers, as well as holistic centers. Program graduates may obtain employment as:

- health educators
- health services administrators
- health specialists
- office managers
- program managers
- project directors

**Contact Information:**

Nursing and Health Innovation, Edson College of  
Edson College of Nursing and Health Innovation

<https://nursingandhealth.asu.edu/programs/bs/integrative-health>

MERCC 250

asu.ih@asu.edu

602-496-0937

## Nursing, BSN (NUNURDBSN)

**Campus:** Downtown Phoenix, Polytechnic, West, ASU at Lake Havasu, ASU at The Gila Valley, Online

The accelerated BSN/MS option is currently only available to ASU Online students.

**Program Description:** Through a curriculum centered upon evidence-based practice, clinical reasoning, innovation, interprofessional communication and information technology, the BSN degree program prepares students to provide high-quality professional nursing care. The Bachelor of Science in Nursing may be earned through several unique pathways.

### Traditional prelicensure BSN nursing program

The traditional prelicensure clinical nursing program is a full-time, upper-division nursing program for students who wish to become a registered nurse by completing a BSN. The program has three start dates per year: spring, summer and fall. It may be completed in a 16-month year-round schedule or a 24-month academic year schedule. Graduates are eligible to sit for the National Council Licensure Examination to obtain licensure as a registered nurse.

Students advance into the program in one of two ways: direct admission or the competitive advancement process. Direct admission is offered to incoming first-time freshmen who meet specific admission criteria. Students admitted directly must meet continuing eligibility criteria while attending ASU to advance into the upper-division nursing program. Directly admitted nursing students who do not meet continuing eligibility criteria, transfer students or ASU students who are changing majors may apply for advancement to the upper-division nursing program by competing for any remaining spaces.

### Accelerated BSN clinical nursing program

The accelerated BSN clinical nursing program is a full-time, 12-month upper-division clinical nursing program for students who wish to become a registered nurse by completing a BSN. Selection is competitive and students start the program in the spring semester (Downtown Phoenix) or fall semester (Lake Havasu).

Students pursuing advancement to the accelerated BSN clinical nursing program complete prerequisite coursework and apply for advancement to the program. Graduates are eligible to sit for the National Council Licensure Examination to gain licensure as a registered nurse.

### Online RN to BSN program

The online RN to BSN program is available to students who have earned an associate degree in nursing and have a current RN license in good standing with the state board of nursing. RN to BSN program courses are offered online in 7.5-week sessions and can be completed in 14 to 24 months. There are five starts per year: two in the fall, two in the spring and one in the summer. Assignments may include readings, discussions, papers, presentations and practical application activities completed wherever the student resides.

Transfer pathway agreements are in place with all community college nursing programs in Arizona, which provide additional benefits to students. The RN to BSN program is not available to students residing in Tennessee, Rhode Island or Washington.

### Concurrent Enrollment Program

The concurrent enrollment program pathway is available to students enrolling in or already enrolled in any regionally accredited associate degree program in nursing that leads to NCLEX-RN licensure. This program is for qualified nursing students who are interested in earning their BSN while simultaneously pursuing their associate degree in nursing. Selected students enroll in the community college program and ASU CEP courses at the same time (concurrently). CEP courses taken at ASU are delivered in an online format and are offered in 15-week sessions. ASU CEP is not available to students residing in Tennessee, Rhode Island or Washington.

### Eastern Arizona College Partnership

This program offers a concurrent enrollment program pathway for qualified students pursuing an AAS in nursing from any of the three EAC campuses while simultaneously earning a BSN from ASU. Courses in this program are delivered in a hybrid format on the Thatcher campus.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

### Concurrent Program Options:

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

### Accelerated Program Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus



master's degree with::

Nursing, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: The admission standards for majors in the Edson College of Nursing and Health Innovation are higher than minimum university standards. Effective Fall 2022, first-year admission requirements are:

- top 10% of high school graduating class OR
- an overall high school cumulative GPA of 3.80 in ASU competency courses (scale is 4.00 = "A") OR
- an overall high school cumulative GPA of 3.50 in ASU competency courses AND either a 25 ACT or 1230 SAT combined evidence-based reading and writing plus math score

Priority Application Date: November 1.

First-year applicants should select an additional major when applying for admission.

English language proficiency requirements (<https://admission.asu.edu/international/undergrad/english-proficiency>) for applicants whose native language is not English:

- minimum TOEFL iBT score of 76 (internet-based test, taken in a testing center) OR
- minimum IELTS overall band score of 6.5 with no band below 5.5 OR
- minimum Duolingo English test score of 100

First-year admission applications to the Bachelor of Science in Nursing program that are received after the November 1 application priority date are considered on a space-available basis. Students not offered admission directly to the nursing program are placed in the BS program in community health (<https://degrees.apps.asu.edu/bachelors/major/ASU00/NUCHLTBS/community-health>).

**Change of Major Requirements:** Current ASU students interested in changing to this program need to apply for the upper division clinical nursing program through an advancement application process. Space is limited, and selection is based upon GPA and score earned on the TEAS. Students should speak with an advisor in the Edson College of Nursing and Health Innovation for more information on how to change a major to this program.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-nursing-rn-bsn/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=NUNURDBSN~null + &college=CNU>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Through study abroad, students majoring in nursing are able to expand their knowledge of how nursing is practiced across the globe.

With more than 300 programs available, students can tailor their experience to their unique interests and skill sets. The heightened cultural competency, leadership, and critical thinking skills they achieve will enhance their resumes and be applicable in any career choice.

More information on available programs can be found on the Global Education website (<https://goglobal.asu.edu/>).

**Career Opportunities:** The Edson College of Nursing and Health Innovation prepares graduates for excellence upon entering the workplace. Graduates deliver nursing care to individuals, families and communities. Completion of this degree program also prepares individuals for entrance into graduate study in nursing at the master's or doctoral degree levels, which is essential for teaching, administration, clinical specialization and research.

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

**Contact Information:**

Nursing and Health Innovation, Edson College of  
Edson College of Nursing and Health Innovation  
<https://nursingandhealth.asu.edu/programs/bsn/nursing>  
MERCC 250  
[asu.bsn@asu.edu](mailto:asu.bsn@asu.edu)  
602-496-0937

## Public Service and Community Solutions, Watts College of

### Applied Science (Emergency Management), BAS (PPEMGBAS)

**Campus:** Downtown Phoenix

**Program Description:** The BAS program with a concentration in emergency management is a flexible, 60 credit hour degree program.

The curriculum is designed specifically for students who have earned an AAS; students applying to this program must have completed an Associate of Applied Science from a regionally accredited institution.

The required capstone class provides experience to students through coordinated internships.

This program is not available to first-year students.

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)  
Transfer (<https://admission.asu.edu/transfer/apply>)  
International (<https://admission.asu.edu/international/undergrad-apply>)  
Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: Students applying to this program must have completed an Associate of Applied Science degree from a regionally accredited institution. This program is not available to freshmen.

**Change of Major Requirements:** A current ASU student must have completed an Associate of Applied Science from a regionally accredited institution to change to this major.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPEMGBAS~null + &college=CPP>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Conduct analysis applying foundational principles of emergency policy and management in the context of complex systems.
- Demonstrate understanding of the complex organizational and governance structures operating in emergency management and homeland security.
- Synthesize their understanding of risk, organizations, and governance to create basic mitigation strategies to manage disruption.

#### **Global Opportunities:**

Global Experience: Understanding how different regions around the world react to disasters can lead to insight on how to bring solutions to students' own communities. When studying abroad (<https://goglobal.asu.edu/>), students can make meaningful connections through exchange of ideas and perspectives. Study abroad programs that focus on issues like counterterrorism, resource management, and urban infrastructure that can help students develop a more informed and well-rounded view of emergency management.

**Career Opportunities:** The degree in emergency management opens the door to a challenging career as a professional emergency manager. The advancement of technology has created the potential for more devastating disasters than ever before. As a result, there is an increasing demand for emergency managers who have a solid foundation in scientific and technical disciplines as well as management skills.

#### **Contact Information:**

Public Service and Community Solutions, Watts College of  
School of Public Affairs  
<https://spa.asu.edu/>  
UCENT 400  
spa@asu.edu  
602-496-0450

## **Community Advocacy and Social Policy, BA (PPCASPBA)**

**Campus:** Downtown Phoenix, West, Online

**Program Description:** The BA program in community advocacy and social policy focuses on advocacy strategies through an in-depth exploration, analysis and comparison of social service systems and policies from an empowerment perspective.

The program's emphasis is on examining the needs of historically under-served individuals, families and communities. Policy analysis and social change are critical themes in developing an advocacy knowledge base as are the equally important themes of prevention and social well-being. Students complete courses in two core areas: diversity and oppressed populations and social issues and interventions.

While the Bachelor of Arts in community advocacy and social policy program is fully accredited regionally under the North Central Regional Higher Education Association, it is not accredited through the Council of Social Work Education because this degree is not a BSW degree. Therefore, this degree does not fulfill a professional licensing requirement that requires a Bachelor of Social Work degree from a CSWE-accredited Bachelor of Social Work program.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A minimum cumulative GPA of 2.00 is required to change into this program.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-community-advocacy-and-social-policy/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPCASPBA~null + &college=CPP>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Apply social justice techniques to advance human rights, social and economic justice
- Apply professional theories to working with diverse, oppressed and marginalized populations in both micro and macro practice
- Identify and apply advocacy concepts and methods that support and advance social, economic and environmental justice

**Global Opportunities:**

Global Experience: Global Education programs (<https://goglobal.asu.edu/>) give students the chance to witness how policy, advocacy and social service systems function internationally and provide an opportunity for them to develop a valuable skill set that can give them an advantage in their career and personal enrichment. Enhancing global awareness, communication competency and leadership skills through study abroad can better prepare a student for a career in social services.

Whether in a foreign country, in the U.S. or online, participation in one of the more than 300 Global Education programs encourages students to build communication skills that span intercultural boundaries, challenges them to adapt and persevere, exposes them to differences across the world they can't always read about in textbooks, and increases their ability to work with diverse groups of people.

**Career Opportunities:** Graduates are prepared for employment in the social services arena, such as performing basic case management tasks, staffing hotlines and warmlines, making referrals to needed services, recruiting volunteers, and developing and providing training.

In addition, advocate positions are part of many organizations and areas, such as hospitals and the behavioral health system.

This degree program also prepares students to pursue graduate education.

**Contact Information:**

Public Service and Community Solutions, Watts College of

School of Social Work

<https://publicservice.asu.edu/bachelors-degrees/majorinfo/PPCASPBA/undergrad/false/3>

UCENT 800

[social.work@asu.edu](mailto:social.work@asu.edu)

602-496-0800

## Community Development, BA (PPCOMDEVBA)

**Campus:** Downtown Phoenix

ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options.

**Program Description:** The BA program in community development equips students with tools to collaborate with, empower and educate diverse community constituents by drawing on grassroots and inclusive frameworks such as sustainable development, social and environmental justice, participatory democracy, social and economic equity and social accounting.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** Y

**Second Language Requirement:** Yes

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

Community Resources and Development (Parks and Recreation Management), MS

Community Resources and Development (Sustainable Communities), MS

Community Resources and Development (Tourism), MS

Community Resources and Development, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPCOMDEVBA~null + &college=CPP>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: With over 300 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad (<https://goglobal.asu.edu/>) is possible for all ASU students who wish to acquire a global perspective and knowledge in preparation for a future-

focused career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs.

**Career Opportunities:** This degree serves students seeking to enter the workforce immediately upon graduation as well as those wanting to pursue graduate study.

The U.S. Bureau of Labor Statistics indicates that employment for social and community service managers is projected to grow at a 17% rate. Graduates can be expected to pursue employment in community service-oriented careers in the public, private or civil and nonprofit sectors. These may include public relations and fundraising management, social and human service, community recreation, urban and regional planning, social purpose real estate and property development, community health, or serving as community and social service specialists.

In addition to broad employment opportunities, graduates can pursue advanced studies in areas such as nonprofit management, community resources and development, sustainable tourism, social work or public affairs, as well as in criminology and criminal justice.

**Contact Information:**

Public Service and Community Solutions, Watts College of  
School of Community Resources and Development  
<https://scrd.asu.edu/content/degree-programs>  
UCENT 550  
scrdadvising@asu.edu  
602-496-0550

## Community Sports Management, BS (PPCSMBS)

**Campus:** Downtown Phoenix

ASU is no longer accepting new students to this program. Students interested in this program should apply directly to the BS in Parks, Recreation and Sport Management (<https://degrees.apps.asu.edu/bachelors/major/ASU00/PPPRMBS/parks-recreation-and-sport-management>).

**Program Description:** The BS program in community sports management focuses on preparing individuals with an interest in managing sport programs and activities for children, youth, adults and seniors in nonprofit, municipal and for-profit organizations.

The program emphasizes the many roles community sports plays within the community including as a mechanism to improve overall quality of life, youth development, sport tourism and community development. Both program delivery and managerial functions are targeted. Specific areas of opportunity include work with youth sports, adaptive sports, sports tourism, sport events and adult recreational sports.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

- Community Resources and Development (Parks and Recreation Management), MS
- Community Resources and Development (Sustainable Communities), MS
- Community Resources and Development (Tourism), MS
- Community Resources and Development, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPCSMBS~null + &college=CPP>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Global Opportunities:**

Global Experience: Sports can bring communities together, at home and abroad, despite language and cultural differences. Studying abroad (<https://goglobal.asu.edu/>) gives students an opportunity to immerse in a different culture and see firsthand the role of sport at the community level while building skills to help them in their future careers. Students who study abroad can achieve heightened cultural competency and leadership and critical thinking skills.

**Career Opportunities:** Numerous career opportunities exist within community sports. Sport programs for youth and adults are offered by city parks and recreation departments, nonprofit organizations such as the Boys and Girls Club or the YMCA, and local nonprofit and for-profit sport clubs. In addition, many communities have sport tourism organizations and sport programs offered through adaptive or therapeutic sports programs such as Special Olympics, Wounded Warriors Project and Ability 360.

Possible positions for graduates of this major include sport supervisors, programmers and managers in local park and recreation departments, nonprofit organizations (e.g., YMCA, Boys and Girls Club), as well as community relations and programming positions with professional and local sport organizations.

#### **Contact Information:**

Public Service and Community Solutions, Watts College of  
School of Community Resources and Development

<https://scrd.asu.edu>

UCENT 550

[scrdadvising@asu.edu](mailto:scrdadvising@asu.edu)

602-496-0550

## **Community Sports Management (Events), BS (PPCSMEBS)**

**Campus:** Downtown Phoenix

ASU is no longer accepting new students to this program. Students interested in this program should apply directly to the BS in Parks, Recreation and Sport Management (<https://degrees.apps.asu.edu/bachelors/major/ASU00/PPPRMBS/parks-recreation-and-sport-management>).

**Program Description:** The goal of the events concentration within the BS program in community sports management is to introduce students to the events field and create experts in the coordination, facilitation and planning of events in the community sports sector.

This concentration allows community sports management majors to focus their electives within the area of meetings and event planning, thus providing a solid foundation from which to develop and produce events that contribute to the economic development and social capital stemming from sports.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

#### **Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

- Community Resources and Development (Parks and Recreation Management), MS
- Community Resources and Development (Sustainable Communities), MS
- Community Resources and Development (Tourism), MS
- Community Resources and Development, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPCSMEBS~null + &college=CPP>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Sports can bring communities together, at home and abroad, despite language and cultural differences. Studying abroad (<https://goglobal.asu.edu/>) gives students an opportunity to immerse in a different culture and build skills that enable them to navigate the intricacies of planning and executing community sport events where people of different cultural backgrounds gather. Students who study abroad can achieve heightened cultural competency and leadership and critical thinking skills.

**Career Opportunities:** Students with a background in managing community sports events can find employment with:

- campus recreation departments
- health and fitness clubs
- morale welfare and recreation departments in the armed forces
- nonprofit organizations
- parks and recreation departments
- private sports organizations

**Contact Information:**

Public Service and Community Solutions, Watts College of

School of Community Resources and Development

<https://scrd.asu.edu/content/degree-programs>

UCENT 550

[scrdadvising@asu.edu](mailto:scrdadvising@asu.edu)

602-496-0550

## Criminology and Criminal Justice, BS (PPCRIMJBS)

**Campus:** Downtown Phoenix, West, ASU at Lake Havasu, Online

**Program Description:** The BS program in criminology and criminal justice is for students who want to understand the causes of crime, the role of criminal justice agencies in the control of crime and the consequences of crime.

Students learn sociological, psychological, biological and economic explanations for individual crime as well as differences in crime across neighborhoods, states, countries and over time. They also learn about the history, legal issues and current practices of crime control via police agencies, the court system, prisons, probation and parole.



These topics are delivered by top-ranking research faculty who offer students hands-on research opportunities and by experienced criminal justice professionals with intimate knowledge of the daily realities of crime and criminals. Students are encouraged to take advantage of internship opportunities in more than 200 agencies, study abroad programs and flexible course scheduling offered in-person, online and across multiple campuses.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics OR MAT 117 College Algebra

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to choose a 3-year path while participating in the same high-quality educational experience of a 4-year option. Students can opt to fast-track their studies after acceptance into a participating program by connecting with their academic advisor. Fast track options appear at the top of the major map.

This program also allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

Crime Analysis, MS

Criminal Justice, MA

Criminology and Criminal Justice, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Transfer Admission Requirements: The MyPath2ASU® pathway allows Arizona transfer students to complete a prescribed sequence of courses that meet the requirements for the community college's Associate of Arts degree along with the lower-division requirements for the ASU major.

Students completing their ASU degree at Yuma: Once the MyPath2ASU® pathway requirements are complete, students complete the remaining requirements for the ASU bachelor's degree at the community college.

Students should visit Admission Services (<https://admission.asu.edu/transfer>) for more information about ASU degrees offered at local community colleges.

**Change of Major Requirements:** A minimum cumulative GPA of 2.00 is required to change into this program.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-criminology-and-criminal-justice/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPCRIMJBS~null + &college=CPP>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Global Opportunities:**

Global Experience: With over 300 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad (<https://goglobal.asu.edu/>) is possible for all ASU students who wish to acquire a global perspective and knowledge in preparation for their career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs.

The Watts College of Public Service and Community Solutions recommends these programs (<https://goglobal.asu.edu/students/major/criminology-criminal-justice>) for students majoring in criminology and criminal justice.

**Career Opportunities:** Graduates of the criminology and criminal justice program find a strong job market in the public and private sectors. Employment opportunities exist in:

- bank fraud
- corrections
- courts
- domestic terrorism
- federal agencies
- homeland security
- law enforcement
- legal offices
- parole offices
- private security
- probation offices
- victim advocate agencies

Graduates also may pursue advanced degrees in law, criminology and criminal justice, and other social science disciplines.

#### **Contact Information:**

Public Service and Community Solutions, Watts College of  
School of Criminology and Criminal Justice  
<https://ccj.asu.edu/>  
UCENT 600  
SCCJAdvising@asu.edu  
602-496-2356

## **Criminology and Criminal Justice (Policing), BS (PPCRJPOLBS)**

**Campus:** Downtown Phoenix, West, Online

**Program Description:** The concentration in policing in the BS program in criminology and criminal justice provides students with knowledge on policing strategies, police management, police accountability, crime analysis and procedural criminal law.

Students completing the concentration have a better understanding of how police organizations operate and are led; effective strategies for reducing crime, building trust and increasing accountability; improving police-citizen community relations (especially in communities of color); how the Constitution protects the rights of individuals in interactions with law enforcement; and techniques for analysis and mapping of crime and other police data.

After finishing the concentration in policing, students are better prepared for future employment in law enforcement and to contribute to the future of policing in the United States.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics Or MAT 117 College Algebra

**Program Math Intensity:** General

#### **Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

Crime Analysis, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A minimum cumulative GPA of 2.00 is required to change into this program.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/criminology-policing-degree/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPCRJPOLBS~null + &college=CPP>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: With over 300 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad (<https://goglobal.asu.edu/>) is possible for all ASU students who wish to acquire a global perspective and knowledge in preparation for their career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs.

The Watts College of Public Service and Community Solutions recommends these programs (<https://goglobal.asu.edu/students/major/criminology-criminal-justice>) for students majoring in criminology and criminal justice.

**Career Opportunities:** Career opportunities for graduates of the policing program include work:

- at the local level in sworn positions in police departments and sheriff's offices
- at the state level in trooper and investigator roles in state agencies
- at the federal level in agent and officer positions in federal law enforcement agencies
- in crime and intelligence analysis
- in private security

Graduates of the criminology and criminal justice program with a concentration in policing can also continue to graduate studies in criminology, related fields or law school.

**Contact Information:**

Public Service and Community Solutions, Watts College of  
School of Criminology and Criminal Justice  
<https://ccj.asu.edu/>

UCENT 600  
SCCJadvising@asu.edu  
602-496-1658

## Emergency Management and Homeland Security, BS (PPEMHSBS)

**Campus:** Downtown Phoenix, Online

**Program Description:** The School of Public Affairs offers this BS degree program in emergency management and homeland security. The program provides students with an understanding of the political and social implications of disasters, terrorism and national security. Students gain the skills and knowledge to understand and manage natural and manmade threats and manage complex projects in response. Coursework covering risk assessment, cross-boundary collaboration and rapid resource mobilization, with practical skills such as operations continuity management, oversight of emergency operations centers, and techniques and best practices for developing prevention programs provide students with the tools to analyze complex situations and provide decision-making tools important for emerging leaders in the field.

**Additional Program Fee:** N

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

### Concurrent Program Options:

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

### Accelerated Program Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

- Emergency Management and Homeland Security (Biosecurity and Threat Management), MA
- Emergency Management and Homeland Security (Community Resilience), MA
- Emergency Management and Homeland Security (Cybersecurity Policy and Management), MA
- Emergency Management and Homeland Security (Emergency Management), MA
- Emergency Management and Homeland Security (Homeland Security), MA
- Emergency Management and Homeland Security, MA
- Public Administration (Emergency Management), MPA
- Public Administration (Nonprofit Administration), MPA
- Public Administration (Public Finance), MPA
- Public Administration (Urban Management), MPA
- Public Administration, MPA
- Public Policy (Environmental Policy), MPP
- Public Policy (Policy Informatics), MPP
- Public Policy, MPP

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

### Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A minimum cumulative GPA of 2.00 is required to change into this program.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

### Attend Online:

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-emergency-management-homeland-security/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPEMHSBS~null + &college=CPP>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Understanding how different governments around the world manage disasters can provide insight in bringing solutions to students' own communities. Global Education programs (<https://goglobal.asu.edu/>) can help students gain real-world knowledge and experience in how governments function at varying levels in a community. Students increase their knowledge and experiential base through study abroad to bring about positive change in their own communities. Students' resumes are enhanced with the heightened cultural competency and the leadership and critical thinking skills they acquire through study abroad.

**Career Opportunities:** Graduates possess the knowledge and skills required for entry- and mid-level supervisory and managerial positions in the public sector at the local, state and federal levels, as well as other opportunities in the commercial and nonprofit sectors. Graduates with the preparation provided by this program will have a significant advantage in the coming hiring boom within the field in response to the upcoming wave of retiring baby boomers in the public sector and increasing demand for public services, especially at the federal level.

For those who already possess relevant knowledge and experience, the program provides complementary knowledge valuable for promotion in the field.

Graduates also may choose to further their education in graduate programs in emergency management, public policy, law or public administration.

**Contact Information:**

Public Service and Community Solutions, Watts College of  
School of Public Affairs  
<https://spa.asu.edu>  
UCENT 400  
[spa@asu.edu](mailto:spa@asu.edu)  
602-496-0450

## Nonprofit Leadership and Management, BS (PPNLMBS)

**Campus:** Downtown Phoenix

**Program Description:** Through the BS degree program in nonprofit leadership and management, students learn about the nonprofit sector through curriculum instruction and field experience. The required internship component of the program leads students to professional opportunities within the nonprofit sector. Within the undergraduate degree requirements, students also may choose to pursue the National Certified Nonprofit Professional credential through ASU's affiliation with the Nonprofit Leadership Alliance. <https://www.nonprofitleadershipalliance.org/credential/> (<https://www.nonprofitleadershipalliance.org/credential/>)

This program is accredited by the Nonprofit Academic Centers Council.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

Community Resources and Development (Nonprofits and NGOs), MS  
Community Resources and Development, MS  
Nonprofit Leadership and Management, MNL

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPNLMBS~null + &college=CPP>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Incorporate multiple perspectives when proposing creative solutions to complex NLM issues.
- Demonstrate proficiency in written communications with diverse audiences (e.g. clients, interdisciplinary team members, donors, community members).
- Integrate knowledge from diverse disciplines to develop comprehensive strategies that address the complex challenges faced by nonprofit organizations.

**Global Opportunities:**

Global Experience: Studying abroad (<https://goglobal.asu.edu/>) can provide students with hands-on experience in nonprofit leadership through a global lens. Students gain skills to be used in their future careers through internships in nonprofits around the world. Students have the opportunity to intern abroad during summer break or during a semester while taking courses in locations such as South America and Asia.

**Career Opportunities:** Prominent nonprofits value this program's tradition of excellence and actively seek to hire its graduates.

The nonprofit sector in the United States is unique in form and function. This sector includes institutions and individuals situated between government, public, business and commerce sectors. With more than 1.6 million organizations in the U.S., the sector employs more people than the finance, insurance and real estate industries combined.

Depending on their interests, graduates seek work in diverse settings that include a wide variety of missions, including arts and culture, environmental, health and youth development. Some graduates find employment with local, grassroots, direct-service nonprofits while others find work with grant-making foundations. Many work in affiliates of well-known national organizations such as:

- American Red Cross
- America's Second Harvest
- Humane Society of the United States
- March of Dimes
- National Urban League
- United Way

- youth-serving entities such as Big Brothers Big Sisters, Boys and Girls Clubs, Boy Scouts of America, Girl Scouts of the USA, Camp Fire USA and the YMCA of the USA

Increasing opportunities in the nonprofit sector include careers across the spectrum of community issues such as the arts, environment, health care and others. Typical positions include roles as:

- field executives
- fund development directors
- program directors
- program officers for grant-making organizations
- volunteer program managers

**Contact Information:**

Public Service and Community Solutions, Watts College of  
School of Community Resources and Development  
<https://scrd.asu.edu>  
UCENT 550  
[scrdadvising@asu.edu](mailto:scrdadvising@asu.edu)  
602-496-0550

## Nonprofit Leadership and Management (American Indian Studies), BS (PPNLMAIBS)

**Campus:** Downtown Phoenix

**Program Description:** Complementary to the nation's first BS degree in nonprofit leadership and management, the American Indian studies concentration empowers purpose-driven students to be culturally aware, competent and ready for key roles that enable them to advance nonprofits that serve tribal lands, including those organized by tribal governments.

The nonprofit sector in the United States is unique in form and function. This sector includes institutions and individuals situated between government, public, business and commerce sectors. Students learn about the nonprofit sector through curriculum instruction and field experience. The concentration in American Indian studies familiarizes students with American Indian worldviews, current issues and tribal governance. Many students in the nonprofit sector work with American Indian populations.

The required internship component of the program leads students to professional opportunities within the nonprofit sector. Students also may choose to pursue the National Certified Nonprofit Professional credential through ASU's affiliation with the Nonprofit Leadership Alliance. <https://www.nonprofitleadershipalliance.org/credential/> (<https://www.nonprofitleadershipalliance.org/credential/>)

This program is accredited by the Nonprofit Academic Centers Council.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

- Community Resources and Development (Nonprofits and NGOs), MS
- Community Resources and Development, MS
- Nonprofit Leadership and Management, MNLN

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPNLMAIBS~null + &college=CPP>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Incorporate multiple perspectives when proposing creative solutions to complex NLM issues.
- Demonstrate proficiency in written communications with diverse audiences (e.g. clients, interdisciplinary team members, donors, community members).
- Integrate knowledge from diverse disciplines to develop comprehensive strategies that address the complex challenges faced by nonprofit organizations.

**Global Opportunities:**

Global Experience: Study abroad (<https://goglobal.asu.edu/>) can provide students with hands-on experience in nonprofit leadership with a global perspective. Students gain skills to be used in their future careers through internships in nonprofits. Students have the opportunity to intern during summer break or during a semester while taking courses in locations such as South America and Asia, adding a global lens for issues that Indigenous communities face around the world.

**Career Opportunities:** Most of the major nonprofit organizations in Arizona and other states work with American Indian populations providing services and expertise. Thus, career options are extensive and include many of the nonprofit organizations in the state and beyond. Careers fields may include fundraising, social services provision, volunteer management and youth programming.

**Contact Information:**

Public Service and Community Solutions, Watts College of

School of Community Resources and Development

<https://scrd.asu.edu>

UCENT 550

[scrdadvising@asu.edu](mailto:scrdadvising@asu.edu)

602-496-0550

## Parks and Recreation Management (Therapeutic Recreation), BS (PPPRMTRBS)

**Campus:** Downtown Phoenix

ASU is no longer accepting new students to this program. Students interested in this program should apply directly to the BS in Parks, Recreation and Sport Management (<https://degrees.apps.asu.edu/bachelors/major/ASU00/PPPRMBS/parks-recreation-and-sport-management>).

**Program Description:** The BS program in parks and recreation management with a concentration in therapeutic recreation prepares students to apply for eligibility to take the national professional certification in through the National Council for Therapeutic Recreation Certification.

<https://www.nctrc.org> (<https://www.nctrc.org>)

The degree program prepares competent, entry-level recreational therapists with the requisite knowledge, skills and abilities to improve functional outcomes and increase participation in life activities with individuals experiencing health conditions. It is designed for students who want to learn to conduct assessments, develop service plans, implement therapeutic interventions, evaluate and document outcomes of care. They gain skills to effectively provide comprehensive therapeutic recreation services that include program design and evaluation, individual and group service provision, and advocacy. The required fieldwork component of the program facilitates the development of competencies needed to provide quality recreational therapy services.



Students who choose this degree program are truly committed to improving people's lives and contributing to their communities. It is one of two such programs in Arizona, both offered by the School of Community Resources and Development. This program prepares students to provide recreational therapy services in community settings such as youth programs, adaptive sports, or parks and recreation while the Bachelor of Science in recreational therapy has a heavier emphasis on health care settings such as hospitals and human service agencies.

The Council on Accreditation of Parks, Recreation, Tourism and Related Professions accredits this degree program.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Community Resources and Development (Parks and Recreation Management), MS

Community Resources and Development (Sustainable Communities), MS

Community Resources and Development, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPPRMTRBS~null + &college=CPP>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: With over 300 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad (<https://goglobal.asu.edu/>) is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a future-focused career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs.

**Career Opportunities:** There are a wide range of job opportunities for therapeutic recreation professionals including in clinical settings, such as hospitals and nursing homes, adventure programming for youth-at-risk and people with disabilities, and community programs offered through parks and recreation departments.

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential

licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

**Contact Information:**

Public Service and Community Solutions, Watts College of  
School of Community Resources and Development  
<https://scrd.asu.edu/content/therapeutic-recreation>  
UCENT 550  
scrdadvising@asu.edu  
602-496-0550

## Parks, Recreation and Sport Management, BS (PPRMBS)

**Campus:** Downtown Phoenix

**Program Description:** The BS program in parks, recreation and sport management provides a transdisciplinary education in the management of parks, protected areas, community-based recreation services, and sport and special event management. The parks and recreation field emerged from the youth development, recreation and park movements of the late 19th century.

Students in the program learn about wilderness, environmental communication, parks and recreation management and policy, assessment and evaluation, and sport and recreation planning and programming. Students learn through classroom instruction and field experiences to integrate the natural, social and managerial sciences to make informed decisions for recreation services, both natural-resource based and community-based.

The required internship component of the program allows students to gain practical experience in the parks and recreation professions.

The Council on Accreditation of Parks, Recreation, Tourism and Related Professions accredits this degree program.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

Community Resources and Development (Parks and Recreation Management), MS

Community Resources and Development (Sustainable Communities), MS

Community Resources and Development, MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPPRMBS~null + &college=CPP>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Incorporate multiple perspectives when proposing solutions to complex PRSM issues.
- Demonstrate proficiency in written communications with diverse audiences (e.g. clients, interdisciplinary team members, families, community members).
- Integrate knowledge from diverse disciplines to develop comprehensive strategies that address the complex challenges faced by park, recreation and sport organizations.

**Global Opportunities:**

Global Experience: Study abroad programs that include travel to some of the world's most renowned and pristine parks, wildlife reserves and other recreational facilities and to forests, reefs and deserts, provide students with invaluable professional development and insight which they can use in their future career.

With more than 300 programs available, study abroad (<https://goglobal.asu.edu/>) allows students to tailor their experience to their unique interests and skill sets.

**Career Opportunities:** Graduates are prepared for professional positions in which they design, develop and manage services that address the recreational needs of a particular clientele. They are employed in a variety of public, private and nonprofit organizations, in Arizona, nationally and abroad, and they find employment in such diverse settings as:

- armed forces recreation
- city park and recreation departments
- county and state park agencies
- federal natural resource agencies
- hospitals and care facilities
- nonprofit recreation programs
- private and commercial recreation facilities
- special event management
- sport venues, theme parks
- youth agencies

**Contact Information:**

Public Service and Community Solutions, Watts College of  
School of Community Resources and Development  
<https://scrd.asu.edu>  
UCENT 550  
[scrdadvising@asu.edu](mailto:scrdadvising@asu.edu)  
602-496-0550

## Public Service and Public Policy, BS (PPPAFBS)

**Campus:** Downtown Phoenix, Online

**Program Description:** The BS program in public service and public policy includes comprehensive coverage of topics in public policy, public leadership and management. Applications and examples encompass a wide variety of policy topics and management approaches.

This program examines the public sector and addresses, in a practical way, the challenges facing the public. It is unique because it enables students to study public service, policy and administration with a focus on professional preparation for a career. The major is also well suited to students interested in pursuing graduate education in law, public administration, public policy and other areas focused on public affairs and the common good.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus

all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

- Public Administration (Emergency Management), MPA
- Public Administration (Nonprofit Administration), MPA
- Public Administration (Public Finance), MPA
- Public Administration (Urban Management), MPA
- Public Administration, MPA
- Public Policy (Environmental Policy), MPP
- Public Policy (Policy Informatics), MPP
- Public Policy (Science and Technology Policy), MPP
- Public Policy, MPP

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A minimum cumulative GPA of 2.00 is required to change into this program.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-public-service-and-public-policy/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPPAFBS-null + &college=CPP>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Students in the public service and public policy program work to create policies that advance the public interest. When studying abroad, students gain a better understanding of how government functions at various levels around the world and an understanding of which public

policies used are beneficial to society and which policies need to be improved upon. Students increase their knowledge and experiential base through study abroad, to bring about positive change in their own communities.

More information on available programs can be found on the Global Education website (<https://goglobal.asu.edu/>).

**Career Opportunities:** Graduates possess the knowledge and skills to transform government and policy in positions at all levels in city, county, state and federal agencies --- entry, mid-level supervisory, and managerial. They are prepared for work in nonprofit organizations and in the private sector at the interface of public affairs and private enterprise. For those who already have work experience, the degree provides further opportunity for promotion.

The public service sector offers sustainable, exciting and fulfilling career options. Graduates are empowered to use knowledge of the public sector as a catalyst to change the world. By understanding the challenges facing government and being well versed in the development of multiple, useful and realistic solutions, graduates contribute to the development of local, national and global communities.

**Contact Information:**

Public Service and Community Solutions, Watts College of  
School of Public Affairs

<https://spa.asu.edu/>

UCENT 400

[spa@asu.edu](mailto:spa@asu.edu)

602-496-0450

## Public Service and Public Policy (American Indian Studies), BS (PPPAFAISBS)

**Campus:** Downtown Phoenix

**Program Description:** The American Indian studies concentration within the BS program in public service and public policy provides students with specialized knowledge about the policy implications of American Indian-related decisions and actions. This concentration focuses on the latest policy implications and research impacting Indigenous communities in the United States.

The Bachelor of Science program in public service and public policy includes comprehensive coverage of topics in public policy, public leadership and management. Applications and examples encompass a wide variety of policy topics and management approaches.

This program examines the public sector and addresses, in a practical way, the challenges facing the public. It is unique because it enables students to study public service, policy and administration with a focus on professional preparation for a career. The major is also well suited to students interested in pursuing further education in law, public administration, public policy and other graduate pursuits focused on public affairs and the common good.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

Global Management, MGM

Public Administration (Emergency Management), MPA

Public Administration (Nonprofit Administration), MPA

Public Administration (Public Finance), MPA

Public Administration (Urban Management), MPA

Public Administration, MPA

Public Policy (Environmental Policy), MPP

Public Policy (Policy Informatics), MPP

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A minimum cumulative GPA of 2.00 is required to change into this program.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPPAFAISBS~null + &college=CPP>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Students can apply a global lens to their studies by learning how American Indians view the world and by learning about current issues and tribal governance of Indigenous peoples around the world.

Participation in study abroad increases students' ability to work with diverse groups of people. Whether in a foreign country, in the U.S. or online, any of the more than 300 available Global Education programs (<https://goglobal.asu.edu/>) provide an opportunity for students to develop a valuable skill set that can give them an advantage in their career and personal enrichment. Students are encouraged to build communication skills that span intercultural boundaries, are challenged to adapt and persevere, and are exposed to differences they can't always read about in textbooks.

**Career Opportunities:** The program is primarily focused on providing individuals with the knowledge and skills required for entry- and mid-level supervisory and managerial positions in the public sector, such as city, county, state and federal agencies, though they would function successfully in many other types of organizations as well. Graduates are prepared for work in nonprofit organizations and in the private sector at the interface of public affairs and private enterprise. For those who already have work experience, the degree provides further opportunity for promotion.

**Contact Information:**

Public Service and Community Solutions, Watts College of

School of Public Affairs

<https://spa.asu.edu/>

UCENT 400

[spa@asu.edu](mailto:spa@asu.edu)

602-496-0450

## Public Service and Public Policy (Business), BS (PPPAFBUBS)

**Campus:** Downtown Phoenix

**Program Description:** The School of Public Affairs offers a concentration in business as part of the BS in public service and public policy.

This concentration establishes a core business curriculum while allowing students the flexibility to pursue their passion, from entrepreneurial opportunities to working for a Fortune 500 company. Coursework teaches lasting business concepts.

The Bachelor of Science program in public service and public policy includes comprehensive coverage of topics in public policy, public leadership and management. Applications and examples encompass a wide variety of policy topics and management approaches.

This program examines the public sector and addresses, in a practical way, the challenges facing the public. It is unique because it enables students to study public service, policy and administration with a focus on professional preparation for a career. The major is also well suited to students interested in pursuing further education in law, public administration, public policy and other graduate pursuits focused on public affairs and the common good.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

- Global Management, MGM
- Public Administration (Emergency Management), MPA
- Public Administration (Nonprofit Administration), MPA
- Public Administration (Public Finance), MPA
- Public Administration (Urban Management), MPA
- Public Administration, MPA
- Public Policy (Environmental Policy), MPP
- Public Policy (Science and Technology Policy), MPP
- Public Policy, MPP

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A minimum cumulative GPA of 2.00 (scale is 4.00 = "A") is required to change into this program.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPPAFBUBS-null + &college=CPP>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Students seeking in-depth knowledge of the public sector related to agencies that conduct business in various capacities can benefit from study abroad (<https://goglobal.asu.edu/>). Many programs focus on topics such as urban sustainability, challenges to a country's economy and governmental issues so students can see the concepts they have learned through a unique cultural lens.

**Career Opportunities:** This bachelor's degree program in public service and public policy is preparation for entry- and mid-level supervisory and managerial positions in city, county, state and federal agencies. Graduates are prepared for work in nonprofit organizations and in the private sector at the interface of public affairs and private enterprise. For those who already have work experience, the degree provides further opportunity for promotion.

This business concentration prepares those with an interest in policy to focus on business issues and their policy implications.

**Contact Information:**

Public Service and Community Solutions, Watts College of  
School of Public Affairs  
<https://spa.asu.edu/>  
UCENT 400  
spa@asu.edu  
602-496-0450

## Public Service and Public Policy (Criminology), BS (PPAFCBS)

**Campus:** Downtown Phoenix

**Program Description:** The School of Public Affairs offers a concentration in criminology as part of the BS in public service and public policy.

Criminology continues to be a highly sought-after area and it presents broad policy implications for future public sector professionals. This program introduces students to the fundamental foundations in criminal justice and criminology by preparing them to think critically, contribute to society and enhance public safety.

The BS program in public service and public policy includes comprehensive coverage of topics in public policy, public leadership and management. Applications and examples encompass a wide variety of policy topics and management approaches.

This program examines the public sector and addresses, in a practical way, the challenges facing the public. It is unique because it enables students to study public service, policy and administration with a focus on professional preparation for a career. The major is also well-suited to students interested in pursuing further education in law, public administration, public policy and other graduate pursuits focused on public affairs and the common good.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

- Global Management, MGM
- Public Administration (Emergency Management), MPA
- Public Administration (Nonprofit Administration), MPA
- Public Administration (Public Finance), MPA
- Public Administration (Urban Management), MPA
- Public Administration, MPA
- Public Policy (Environmental Policy), MPP
- Public Policy (Policy Informatics), MPP
- Public Policy (Science and Technology Policy), MPP
- Public Policy, MPP

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:



All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A minimum cumulative GPA of 2.00 is required to change into this program.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPPAFCBS-null + &college=CPP>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Students seeking in-depth knowledge of the public sector related to agencies that work with criminal justice systems in various capacities can benefit from study abroad (<https://goglobal.asu.edu/>). Students can observe how public policies used in other countries directly impact policing and criminality, showing students the concepts they have learned through a unique cultural lens.

**Career Opportunities:** The program is primarily focused on individuals interested in or working in the public sector. The skills and knowledge graduates possess will allow them to successfully function in many types of organizations, though the primary focus is on public organizations.

A bachelor's degree in public service and public policy is preparation for entry- and mid-level supervisory and managerial positions in city, county, state and federal agencies. Graduates are prepared for work in nonprofit organizations and in the private sector at the interface of public affairs and private enterprise. For those who already have work experience, the degree provides further opportunity for promotion.

**Contact Information:**

Public Service and Community Solutions, Watts College of

School of Public Affairs

<https://spa.asu.edu/>

UCENT 400

[spa@asu.edu](mailto:spa@asu.edu)

602-496-0450

## Public Service and Public Policy (Emergency Management and Homeland Security), BS (PPPAFEHBS)

**Campus:** Downtown Phoenix, Online

**Program Description:** The School of Public Affairs offers a concentration in emergency management and homeland security as part of the BS in public service and public policy.

This concentration provides students with the skills and knowledge to assume positions of leadership within the field of emergency management and homeland security. Concepts of public policy and management are blended with emergency management principles to enhance and foster critical thinking within the general field of study. More specifically, the program's focus provides the student with a comprehensive perspective, which is critically important for emerging leaders in disaster management.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their

academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

### **Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

- Emergency Management and Homeland Security (Biosecurity and Threat Management), MA
- Emergency Management and Homeland Security (Community Resilience), MA
- Emergency Management and Homeland Security (Cybersecurity Policy and Management), MA
- Emergency Management and Homeland Security (Emergency Management), MA
- Emergency Management and Homeland Security (Homeland Security), MA
- Emergency Management and Homeland Security, MA
- Public Administration (Emergency Management), MPA
- Public Administration (Nonprofit Administration), MPA
- Public Administration (Public Finance), MPA
- Public Administration, MPA
- Public Policy (Environmental Policy), MPP
- Public Policy (Policy Informatics), MPP
- Public Policy (Science and Technology Policy), MPP
- Public Policy, MPP

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

### **Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A minimum cumulative GPA of 2.00 (scale is 4.00 = "A") is required to change into this program.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

### **Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-science-public-service-and-public-policy-emergency/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPPAFEHBS-null + &college=CPP>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

### **Global Opportunities:**

Global Experience: Understanding how different governments around the world manage disasters can provide insight in bringing solutions to students' own communities. Study abroad programs (<https://goglobal.asu.edu/>) can help students gain real-world knowledge and experience in how governments function at varying levels in a community. Students' resumes are enhanced with the heightened cultural competency and the leadership and critical thinking skills they acquire through study abroad.

**Career Opportunities:** Graduates possess the knowledge and skills required for entry- and mid-level supervisory and managerial positions in the public sector, such as city, county, state and federal agencies, though they would successfully function in many other types of organizations as well.

For those who already have work experience, the degree provides further opportunity for promotion. In addition, the program prepares students for future graduate study in law, public policy and public administration.

The number of retiring baby boomers along with increasing demand for public services has resulted in an increase in job opportunities for graduates in the public sector. The federal government is the nation's largest employer with nearly two million people employed across the country, and nearly 85% of those jobs exist outside the Washington, D.C., area. The federal government is anticipated to hire tens of thousands of new employees for mission-critical positions in the next few years. Those with preparation in academic areas related to public service will have an advantage in that market.

**Contact Information:**

Public Service and Community Solutions, Watts College of  
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<https://spa.asu.edu/>  
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602-496-0450

## Public Service and Public Policy (Health Policy), BS (PPPAFHPBS)

**Campus:** Downtown Phoenix

**Program Description:** The School of Public Affairs offers a concentration in health policy as part of the BS program in public service and public policy. This program allows students to build a course of study that focuses on the health care industry. This sector continues to be a major part of the U.S. and world economy. The concentration in health policy provides students who have an interest in policy to focus on health-related issues and their policy implications. The courses in the concentration are offered by the College of Health Solutions and the School of Human Evolution and Social Change.

The Bachelor of Science program in public service and public policy includes comprehensive coverage of topics in public policy, public leadership, and management. Applications and examples encompass a wide variety of policy topics and management approaches.

This program examines the public sector and addresses, in a practical way, the challenges facing the public. It is unique because it enables students to study public service, policy, and administration with a focus on professional preparation for a career. The major is also well suited to students interested in pursuing graduate education in law, public administration, public policy and other areas focused on public affairs and the common good.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

- Global Management, MGM
- Public Administration (Emergency Management), MPA
- Public Administration (Nonprofit Administration), MPA
- Public Administration (Public Finance), MPA
- Public Administration (Urban Management), MPA
- Public Administration, MPA
- Public Policy (Environmental Policy), MPP
- Public Policy (Policy Informatics), MPP
- Public Policy (Science and Technology Policy), MPP
- Public Policy, MPP

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A minimum cumulative GPA of 2.00 (scale is 4.00 = "A") is required to change into this program.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPPAFHPBS-null + &college=CPP>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Students seeking in-depth knowledge of policy and the public sector related to the health care industry in various capacities can benefit from study abroad (<https://goglobal.asu.edu/>). Programs are available that focus on topics such as public or global health, allowing students to see concepts they have learned through a unique cultural lens and build skills in preparation for a future-focused career.

**Career Opportunities:** The degree is primarily focused on providing its graduates with the knowledge and skills required for entry- and mid-level supervisory and managerial positions in the public sector, such as city, county, state and federal agencies, though they would function successfully in many other types of organizations as well. Graduates are prepared for work in nonprofit organizations and in the private sector at the interface of public affairs and private enterprise.

For those who already have work experience, the degree provides further opportunity for promotion.

**Contact Information:**

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602-496-0450

## Public Service and Public Policy (Law and Policy), BS (PPPAFLPBS)

**Campus:** Downtown Phoenix

**Program Description:** The School of Public Affairs offers a concentration in law and policy as part of the BS in public service and public policy. Through this concentration, students who have an interest in public policy focus on legal issues and the policy implications, broadening their educational experience while concentrating in an area that is in high demand.

The core Bachelor of Science program in public service and public policy includes comprehensive coverage of topics in public policy, public leadership and management. Applications and examples encompass a wide variety of policy topics and management approaches.

This program examines the public sector and addresses, in a practical way, the challenges facing the public. It is unique because it enables students to study public service, policy and administration with a focus on professional preparation for a career.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

- Global Management, MGM
- Public Administration (Emergency Management), MPA
- Public Administration (Nonprofit Administration), MPA
- Public Administration (Public Finance), MPA
- Public Administration (Urban Management), MPA
- Public Administration, MPA
- Public Policy (Environmental Policy), MPP
- Public Policy (Policy Informatics), MPP
- Public Policy (Science and Technology Policy), MPP
- Public Policy, MPP

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A minimum cumulative GPA of 2.00 is required to change into this program.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPPAFLPBS~null + &college=CPP>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Students seeking in-depth knowledge of the public sector related to legal systems in various capacities can benefit from study abroad (<https://goglobal.asu.edu/>). When studying abroad, students gain a better understanding of how governments function and intertwine with the law around the world, and they view the policy implications of different approaches to law worldwide.

**Career Opportunities:** The program is primarily designed for individuals who work in the public sector or are interested in doing so. The skills and knowledge students acquire allow them to successfully function in many other types of organizations; however the primary focus is on public organizations.

This program prepares students for entry- and mid-level supervisory and managerial positions in city, county, state and federal agencies, for work in nonprofit organizations, and for work in the private sector at the interface of public affairs and private enterprise. For those who already have work experience, the degree provides further opportunity for promotion. In addition, the program prepares students for future graduate study in law, public policy and public administration and pursuits focused on public affairs and the common good.

**Contact Information:**

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## Public Service and Public Policy (Nonprofit Leadership and Management), BS (PPPANLMBS)

**Campus:** Downtown Phoenix

**Program Description:** The School of Public Affairs offers a BS in public service and public policy with a concentration in nonprofit leadership and management.

The role of nonprofit organizations continues to grow and presents broad policy implications for future public sector professionals. This program empowers students to understand the unique aspect of the social, political, economic and philanthropic factors related to the nonprofit sector.

The BS program in public service and public policy includes comprehensive coverage of topics in public policy, public leadership, and management. Applications and examples encompass a wide variety of policy topics and management approaches.

This program examines the public sector and addresses, in a practical way, the challenges facing the public. It is unique because it enables students to study public service, policy, and administration with a focus on professional preparation for a career. The major is also well suited to students interested in pursuing graduate education in law, public administration, public policy, and other areas focused on public affairs and the common good.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

### Concurrent Program Options:

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

### Accelerated Program Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

- Global Management, MGM
- Public Administration (Emergency Management), MPA
- Public Administration (Public Finance), MPA
- Public Administration (Urban Management), MPA
- Public Administration, MPA
- Public Policy (Environmental Policy), MPP
- Public Policy (Policy Informatics), MPP
- Public Policy (Science and Technology Policy), MPP
- Public Policy, MPP

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

### Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A minimum cumulative GPA of 2.00 is required to change into this program.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPPANLMBS~null + &college=CPP>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Students in this program can get real-life experience with nonprofits through study abroad (<https://goglobal.asu.edu/>). Many service-learning and culturally immersive programs offer work with nonprofits, and students can find programs that enable them to visit or work with nongovernmental organizations, charities and local organizations that benefit the public in many different countries.

**Career Opportunities:** The degree in public service and public policy is primarily focused on individuals working in or interested in working in the public sector. The skills and knowledge graduates have acquired allow them to successfully function in many other types of organizations; however, the primary focus is on public organizations.

Graduates are prepared for entry- and mid-level supervisory and managerial positions in city, county, state and federal agencies, for work in nonprofit organizations, and for work in the private sector at the interface of public affairs and private enterprise. For those who already have work experience, the degree provides further opportunity for promotion.

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## Public Service and Public Policy (Parks and Recreation Management), BS (PPPAPRMBS)

**Campus:** Downtown Phoenix

**Program Description:** The School of Public Affairs offers a BS in public service and public policy with a concentration in parks and recreation management.

Leisure and quality of life are an essential part of U.S. society. This program provides students a transdisciplinary education in the management of parks, protected areas and community-based recreation services.

The BS program in public service and public policy includes comprehensive coverage of topics in public policy, public leadership and management. Applications and examples encompass a wide variety of policy topics and management approaches.

This program examines the public sector and addresses, in a practical way, the challenges facing the public. It is unique because it enables students to study public service, policy and administration with a focus on professional preparation for a career. The major is also well suited to students interested in pursuing graduate education in law, public administration, public policy, and other areas focused on public affairs and the common good.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

- Global Management, MGM
- Public Administration (Emergency Management), MPA
- Public Administration (Nonprofit Administration), MPA
- Public Administration (Public Finance), MPA
- Public Administration (Urban Management), MPA
- Public Administration, MPA
- Public Policy (Environmental Policy), MPP
- Public Policy (Policy Informatics), MPP
- Public Policy (Science and Technology Policy), MPP
- Public Policy, MPP

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A minimum cumulative GPA of 2.00 is required to change into this program.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPPAPRMBS~null + &college=CPP>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Study abroad programs (<https://goglobal.asu.edu/>) at some of the world's most renowned and pristine parks, wildlife reserves and other recreational facilities like forests, reefs and deserts provide students with insight as to how other countries use policy to manage their natural resources. Study abroad allows students to tailor their experience to their unique interests and skill sets, with more than 300 programs available.

**Career Opportunities:** The degree in public service and public policy is primarily for individuals working in or interested in working in the public sector. The skills and knowledge graduates have acquired allow them to successfully function in many other types of organizations; however, the emphasis is on public organizations. They are prepared for work in nonprofit organizations and in the private sector at the interface of public affairs and private enterprise.

Graduates are prepared for entry- and mid-level supervisory and managerial positions in city, county, state and federal agencies. For those who already have work experience, the degree provides further opportunity for promotion.

**Contact Information:**

Public Service and Community Solutions, Watts College of  
School of Public Affairs  
<https://spa.asu.edu/>  
UCENT 400



## Public Service and Public Policy (Science and Technology Policy), BS (PPPAFSTBS)

**Campus:** Downtown Phoenix

**Program Description:** The School of Public Affairs offers a concentration in science and technology policy as part of the BS in public service and public policy. The program prepares students to tackle many of today's most important challenges: climate change, energy, information privacy, public health and global development.

The core BS program in public service and public policy includes comprehensive coverage of topics in public policy, public leadership and management. Applications and examples encompass a wide variety of policy topics and management approaches.

This program examines the public sector and addresses, in a practical way, the challenges facing the public. It is unique because it enables students to study public service, policy, and administration with a focus on professional preparation for a career. The major is also well suited to students interested in pursuing graduate education in law, public administration, public policy and other areas focused on public affairs and the common good.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

### Concurrent Program Options:

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

### Accelerated Program Options:

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

- Global Management, MGM
- Public Administration (Emergency Management), MPA
- Public Administration (Nonprofit Administration), MPA
- Public Administration (Public Finance), MPA
- Public Administration (Urban Management), MPA
- Public Administration, MPA
- Public Policy (Environmental Policy), MPP
- Public Policy (Policy Informatics), MPP
- Public Policy (Science and Technology Policy), MPP
- Public Policy, MPP

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

### Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A minimum cumulative GPA of 2.00 is required to change into this program.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPPAFSTBS~null + &college=CPP>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: With over 300 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad (<https://goglobal.asu.edu/>) is possible for all ASU students who wish to acquire global skills and knowledge in preparation for their career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs.

**Career Opportunities:** The program is focused primarily on providing students with the knowledge and skills required for entry- and mid-level supervisory and managerial positions in the public sector, such as city, county, state and federal agencies, though they would successfully function in many other types of organizations as well. Graduates are prepared for work in nonprofit organizations and in the private sector at the interface of public affairs and private enterprise.

For those who already have work experience, the degree provides further opportunity for promotion.

**Contact Information:**

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602-496-0450

## Public Service and Public Policy (Social Services Delivery), BS (PPPAFSSBS)

**Campus:** Downtown Phoenix

**Program Description:** Social services delivery is a fundamental building block of government affairs. Through this concentration, students explore the foundation and practices of social services and how social services can be designed, delivered and evaluated at local, state and federal levels.

The core BS program in public service and public policy includes comprehensive coverage of topics in public policy, public leadership and management. Applications and examples encompass a wide variety of policy topics and management approaches.

This program examines the public sector and addresses, in a practical way, the challenges facing the public. It is unique because it enables students to study public service, policy and administration with a focus on professional preparation for a career. The major is also well suited to students interested in pursuing graduate education in law, public administration, public policy and other areas focused on public affairs and the common good.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Public Administration (Nonprofit Administration), MPA  
Public Administration (Public Finance), MPA  
Public Administration (Urban Management), MPA  
Public Administration, MPA  
Public Policy (Environmental Policy), MPP  
Public Policy (Policy Informatics), MPP  
Public Policy (Science and Technology Policy), MPP  
Public Policy, MPP

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

#### **Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A minimum cumulative GPA of 2.00 is required for current ASU students to change into this major.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPPAFSSBS-null + &college=CPP>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Global Opportunities:**

Global Experience: With over 300 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad (<https://goglobal.asu.edu/>) is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a future-focused career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs.

**Career Opportunities:** The degree in public service and public policy is focused primarily on providing graduates with the knowledge and skills required for entry- and mid-level supervisory and managerial positions in the public sector, such as city, county, state and federal agencies, though they would successfully function in many other types of organizations as well. Graduates are prepared for work in nonprofit organizations and in the private sector at the interface of public affairs and private enterprise.

For those who already have work experience, the degree provides further opportunity for promotion. In addition, there is preparation for future graduate study in law, public policy and public administration.

Retiring baby boomers and an increasing demand for public services have resulted in an increase in job opportunities for graduates in the public sector. The federal government is the nation's largest employer, with nearly two million people employed across the country, and nearly 85% of those jobs exist outside the Washington, D.C., area. The federal government is anticipated to hire tens of thousands of new employees for mission-critical positions in the next few years. Students with preparation in academic areas related to public service and social services delivery will have an advantage in that market.

#### **Contact Information:**

Public Service and Community Solutions, Watts College of  
School of Public Affairs

<https://spa.asu.edu>

UCENT 400

[spa@asu.edu](mailto:spa@asu.edu)

602-496-0450

## **Public Service and Public Policy (Sustainability), BS (PPPAFSSBS)**

**Campus:** Downtown Phoenix

**Program Description:** Sustainability continues to be a highly sought-after area and it presents broad policy implications. Through this concentration, students explore the challenges of sustainability and how it may be used to develop solutions to pressing issues at local and global levels.

The BS program in public service and public policy includes comprehensive coverage of topics in public policy, public leadership and management. Applications and examples encompass a wide variety of policy topics and management approaches.

This program examines the public sector and addresses, in a practical way, the challenges facing the public. It is unique because it enables students to study public service, policy and administration with a focus on professional preparation for a career. The major is also well suited to students interested in pursuing graduate education in law, public administration, public policy and other areas focused on public affairs and the common good.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

- Global Management, MGM
- Public Administration (Emergency Management), MPA
- Public Administration (Nonprofit Administration), MPA
- Public Administration (Public Finance), MPA
- Public Administration (Urban Management), MPA
- Public Administration, MPA
- Public Policy (Environmental Policy), MPP
- Public Policy (Policy Informatics), MPP
- Public Policy (Science and Technology Policy), MPP
- Public Policy, MPP

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A minimum cumulative GPA of 2.00 is required for current ASU students to change into this major.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPPAFSBS-null + &college=CPP>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: With over 300 programs in more than 65 countries (programs vary in length, from one week to one year), study abroad (<https://goglobal.asu.edu/>) is possible for all ASU students who wish to acquire global skills and knowledge in preparation for a future-focused career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs.

**Career Opportunities:** The degree in public service and public policy is primarily for individuals working or seeking work in the public sector. The skills and knowledge graduates have acquired allow them to successfully function in many other types of organizations, though the principal focus is on public organizations.

Graduates are prepared for entry- and mid-level supervisory and managerial positions in city, county, state and federal agencies and for work in nonprofit organizations and in the private sector at the interface of public affairs and private enterprise.

For those who already have work experience, the degree provides further opportunity for promotion.

**Contact Information:**

Public Service and Community Solutions, Watts College of  
School of Public Affairs  
<https://spa.asu.edu>  
UCENT 400  
[spa@asu.edu](mailto:spa@asu.edu)  
602-496-0450

## Recreation Therapy, BS (PPRECTBS)

**Campus:** Downtown Phoenix

**Program Description:** The BS program in recreational therapy prepares students to become competent, entry-level recreational therapists with the requisite knowledge and skills needed to use recreation-based interventions to improve health outcomes. Students are prepared to be qualified experiential therapists, utilizing the holistic benefits within creative and expressive arts, adapted exercise and sport, aquatic therapy, therapeutic riding, horticulture therapy, community integration, leisure education and structured play.

Students enrolled in the program gain knowledge and requisite competencies to lead recreation-based therapeutic programs as a strategy to improve individual and community health. Through the curriculum, students learn the systematic process of conducting assessments, developing service plans, implementing therapeutic interventions, evaluating, and documenting outcomes of care.

Additionally, students acquire intercultural and interprofessional competencies, as well as leadership skills necessary for the delivery of high quality, comprehensive recreational therapy services.

The program involves extensive hands-on learning utilizing fieldwork opportunities through community-engaged activities, labs, practicum, and an internship as a program capstone. Bachelor of Science in recreational therapy graduates have many job opportunities and a solid foundation for graduate education.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPRECTBS~null + &college=CPP>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Global Opportunities:**

Global Experience: With over 300 programs in more than 65 countries (programs vary in length, from one week to one year), participation in a Global Education program (<https://goglobal.asu.edu/>) is possible for all ASU students who wish to acquire a global perspective and knowledge in preparation for their career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs.

**Career Opportunities:** Recreation therapy is a rapidly growing field, given the rising number of returning veterans and an aging population.

Graduates are prepared for diverse opportunities in a rewarding career working with people of all ages.

Graduates are eligible to apply for national professional certification through the National Council for Therapeutic Recreation Certification (<https://www.nctrc.org/> (<https://www.nctrc.org/>)), which qualifies them as certified therapeutic recreation specialists. Certification is required for most clinical positions and hospital settings, though each facility and state may vary in requirements. Receiving a CTRS credential from the National Council for Therapeutic Recreation is preferred, though may not be required.

Some graduates may work in clinical settings, including:

- acute care hospitals\*
- assisted living facilities
- extended care facilities
- pediatric hospitals
- inpatient and outpatient physical rehabilitation centers
- substance abuse clinics

Other graduates may choose to work in human service and community settings such as:

- adapted sports programs
- adult day programs
- correctional facilities
- mental health care programs\*
- parks and recreation departments
- school systems

\*Starred settings almost always require certification

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

#### **Contact Information:**

Public Service and Community Solutions, Watts College of

School of Community Resources and Development

<https://scrd.asu.edu/content/therapeutic-recreation>

UCENT 550

[scrdadvising@asu.edu](mailto:scrdadvising@asu.edu)

602-496-0550

## Social Work, BSW (PPSWUSWU)

**Campus:** Downtown Phoenix, West, ASU at Tucson

**Program Description:** The curriculum for this undergraduate program leads to a BSW.

Juniors and seniors majoring in social work focus on social work courses in social policy and services, human behavior in the social environment, social work practice, research and field instruction in community agencies. In addition, majors take elective courses in related areas.

Students interested in completing the Bachelor of Social Work program in Tucson are encouraged to complete a MyPath2ASU® program (<https://admission.asu.edu/transfer/MyPath2ASU>). The Tucson location option is only available to transfer students.

Format option

This program is also offered via ASU Sync, specifically for students with transfer credit or those who already hold an associate degree. ASU Sync enables students to attend live classes remotely via Zoom. Classes are designed to foster active collaboration and discussion in real-time with faculty and peers.

The program features ASU Sync courses at the upper-division level --- courses numbered from 300 to 499 that are designed primarily for juniors and seniors. It is ideal for students who meet the above criteria and wish to complete their Bachelor of Social Work degree with live interactions without coming to campus. Prerequisites and other restrictions should be noted before class registration.

Students on I-20 visas are not permitted to complete courses via Sync and should speak with an advisor about other options to complete this program.

Students seeking to use GI Bill® benefits for ASU Sync programs should contact the Pat Tillman Veterans Center regarding certain limitations.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available on the official U.S. government website at <https://www.benefits.va.gov/gibill> (<https://www.benefits.va.gov/gibill>).

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

This major is eligible for the Western Undergraduate Exchange program at the following location: West campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

This major is eligible for the Western Undergraduate Exchange program (<https://admission.asu.edu/wue>) at the following location: ASU at Tucson.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: The ASU Sync option is only available to transfer students or those with an associate degree. Students on I-20 visas are not allowed to complete courses via Sync.

Transfer Admission Requirements: The MyPath2ASU® pathway allows Arizona transfer students to complete a prescribed sequence of courses that meet the requirements for the community college's Associate of Arts degree along with the lower-division requirements for the ASU major.

Students should visit Admission Services (<https://admission.asu.edu/transfer>) for more information about ASU degrees offered at local community colleges.

**Change of Major Requirements:** A minimum cumulative GPA of 2.00 is required to change into this program.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPSWUSWU-null + &college=CPP>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Plan, implement and evaluate evidence-based interventions
- Advocate for advanced human rights, social and economic justice
- Apply professional case management intervention skills when working with individuals, families, groups and communities

**Global Opportunities:**

**Global Experience:** When participating in a study abroad program, students examine social work through an international lens as it relates to community-building, service organizations, support for disenfranchised people and human rights advocacy.

Cross-cultural understanding is one of the main learning outcomes of study abroad programs and is also one of the most important skills of those moving into social work careers. Students will be able to use the knowledge and skills learned in the program and the unique intercultural focus gained from study abroad to enhance their career.

Information on available programs can be found on the Global Education Office (<https://goglobal.asu.edu/>) website.

**Career Opportunities:** Graduates are prepared to be generalist social work practitioners focusing on advocacy, referrals, case management and problem-solving functions with individuals, groups, families, organizations and the community.

Employment in social work is expected to increase commensurately with the needs of a growing and diverse population, with social workers employed in public and private agencies dealing with a wide variety of social issues, including:

- adoption and teen pregnancy
- aging
- child abuse and foster care
- corrections and delinquency
- disability
- discrimination
- domestic violence and family dysfunction
- health and mental health
- homelessness and poverty
- substance abuse

Social work skills such as problem-solving, resource utilization, counseling, group work and community organization are also useful for employee relations and mediation positions in industry.

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

**Contact Information:**

Public Service and Community Solutions, Watts College of  
School of Social Work

<https://publicservice.asu.edu/bachelors-degrees/majorinfo/PPSWUSWU/undergrad/false/3>

UCENT 800

social.work@asu.edu

602-496-0800



**Campus:** Downtown Phoenix

**Program Description:** Through the BS program in tourism development and management, students acquire the planning, management and leadership skills related to the growth and development of tourism throughout the world.

The curriculum takes full advantage of its strong connections with the professional tourism community in Phoenix. The required internship component of the program allows students to gain practical experiences leading to professional positions in various travel, tourism and related fields. Students are exposed to the practices of heritage tourism, sustainable tourism, resort management, and meeting and convention planning.

While pursuing the bachelor's degree in tourism development and management, a student also may choose to complete a certificate in convention sales and meeting planning. Additionally, students have the opportunity to participate in a study abroad program.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

Community Resources and Development (Sustainable Communities), MS

Community Resources and Development (Tourism), MS

Community Resources and Development, MS

Sustainable Tourism, MST

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPTDMBS~null + &college=CPP>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Able to incorporate multiple perspectives when proposing creative solutions to complex tourism issues.
- Demonstrate proficiency in written communications with diverse audiences (e.g. clients, interdisciplinary team members, community members).
- Integrate knowledge from diverse disciplines to develop comprehensive strategies that address the complex challenges faced by tourism organizations.

**Global Opportunities:**

Global Experience: Future tourism professionals need to develop an understanding of how and why people travel to destinations around the world and need to know how to share the local environment with visitors. Through study abroad (<https://goglobal.asu.edu/>), students gain valuable immersive experience in the various subsets of tourism development and management around the world, including in Europe, Latin America, Oceania, Asia and Africa.

**Career Opportunities:** Graduates are ready for successful careers in the rapidly expanding travel and tourism industry, the largest industry in the world and the second largest in Arizona. Based upon interests, graduates can seek work across a wide variety of occupations in the public, nonprofit or private and commercial sectors, in such diverse settings as resorts, meeting planning, convention and visitor bureaus, tour operations and commercial recreation businesses. In such settings, graduates design, develop and manage services that address the needs of a particular clientele.

The metropolitan Phoenix area is a major hub of tourism in the southwestern U.S. and has experienced rapid growth in:

- air transportation
- business and corporate travel
- gaming and casinos
- meetings and conventions
- resorts and hotels
- sports tourism
- state and national parks

**Contact Information:**

Public Service and Community Solutions, Watts College of  
 School of Community Resources and Development  
<https://scrd.asu.edu>  
 UCENT 550  
 scrdadvising@asu.edu  
 602-496-0550

**Tourism Development and Management (Meetings and Events), BS (PPTDMMEBS)**

**Campus:** Downtown Phoenix

**Program Description:** The concentration in meetings and events allows students enrolled in the BS program in tourism development and management to focus their electives on courses that cover meetings and events planning topics. The concentration draws from both the special events program and the meeting management program, and it prepares students to be competitive in the events sector.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

- Community Resources and Development (Sustainable Communities), MS
- Community Resources and Development (Tourism), MS

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

#### **Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPTDMMEB5~null + &college=CPP>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Incorporate multiple perspectives when proposing creative solutions to complex tourism issues.
- Demonstrate proficiency in written communications with diverse audiences (e.g. clients, interdisciplinary team members, community members).
- Integrate knowledge from diverse disciplines to develop comprehensive strategies that address the complex challenges faced by tourism organizations.

#### **Global Opportunities:**

Global Experience: Future tourism professionals need to develop an understanding of how and why people travel to destinations around the world and learn how to share the local environment with visitors. When studying abroad (<https://goglobal.asu.edu/>), students gain valuable field experience and immersion in various locales around the world. Internships for credit in meetings and events are available in countries in Europe, Oceania, Latin America and more.

**Career Opportunities:** Tourism-related meetings and events are significant contributors to the Arizona economy as well as to other states.

Graduates are prepared to enter meeting and event-related careers in resorts and hotels, convention and visitor bureaus, private event companies, festivals, travel agencies, destination management companies, parks and recreation departments, public relations and nonprofit fundraising.

#### **Contact Information:**

Public Service and Community Solutions, Watts College of

School of Community Resources and Development

<https://scrd.asu.edu/content/degree-programs>

UCENT 550

[scrdadvising@asu.edu](mailto:scrdadvising@asu.edu)

602-496-0550

## **Tourism Development and Management (Resort and Hotel Leadership), BS (PPTDMRBS)**

**Campus:** Downtown Phoenix

**Program Description:** The BS program in tourism development and management with a concentration in resort and hotel leadership attracts students and professionals who have interests in the diverse areas of knowledge needed within the accommodations sector, knowledge such as:

- ecological, social, economic and cultural sustainability practices in the industry
- hospitality management and leadership
- meeting the expectations of hotel and resort guests

- the interrelated functions within departments of the lodging, food and beverage industries and other stakeholders such as recreation organizations and heritage institutions.

The program provides students an academic option to study in depth the resort and accommodations system and gain knowledge of the importance of the business relationships between suppliers, intermediaries and vendors, guests, and the public and private sectors.

The comprehensive coursework, integrating resilient and sustainable practices, career exposure opportunities, study abroad options and culminating internship experiences of this program prepares students for a management and leadership position in the world's largest service industry. It also prepares them to serve their communities with the skills, knowledge, techniques and capabilities needed for addressing major issues related to resorts and other tourism accommodations.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Community Resources and Development (Sustainable Communities), MS

Community Resources and Development (Tourism), MS

Community Resources and Development, MS

Sustainable Tourism, MST

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPTDMRBS~null + &college=CPP>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Incorporate multiple perspectives when proposing creative solutions to complex tourism issues.

- Demonstrate proficiency in written communications with diverse audiences (e.g. clients, interdisciplinary team members, community members).
- Integrate knowledge from diverse disciplines to develop comprehensive strategies that address the complex challenges faced by tourism organizations.

**Global Opportunities:**

Global Experience: Future tourism professionals need to develop an understanding of how and why people travel to destinations around the world and need to know how to share the local environment with visitors. When studying abroad (<https://goglobal.asu.edu/>), students gain valuable field experience and immersion in various destinations around the world. Internships for credit in resort and hotel leadership are available in countries in Europe, Oceania, Latin America and more.

**Career Opportunities:** There are a variety of job opportunities for resort or hotel professionals, ranging from entry-level as a management trainee to an assistant manager or manager in various departments, such as:

- catering and banquet
- convention sales
- front desk
- guest services
- rooms division
- sales and marketing

**Contact Information:**

Public Service and Community Solutions, Watts College of  
 School of Community Resources and Development  
<https://scrd.asu.edu>  
 UCENT 550  
 scrdadvising@asu.edu  
 602-496-0550

## Tourism Development and Management (Sustainable Tourism), BS (PPTDMSBS)

**Campus:** Downtown Phoenix

**Program Description:** The BS program in tourism development and management provides students with the theoretical understanding they need in order to maneuver the complexities of one of the world’s largest industries. A concentration in sustainable tourism allows students to hone their understanding of the key concepts of resilience and sustainability and of how these concepts can be applied to tourism destinations and development.

Students learn the dominant theories and language that make up sustainability science and the skills necessary to measure, create and implement sustainability policies in tourism destinations, from the planning to management stages of development.

Students take courses offered by the School of Sustainability in addition to courses in the School of Community Resources and Development, guaranteeing a strong foundation in the basic theories of the growing field of sustainability while applying these newfound skills to tourism development and management.

The comprehensive coursework in tourism and sustainability science, career exposure opportunities, study abroad options and culminating internship experiences of this program prepare students for management and leadership opportunities.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor’s and master’s degree in as little as five years. It is offered as an accelerated bachelor’s plus

master's degree with::

Community Resources and Development (Sustainable Communities), MS  
Community Resources and Development (Tourism), MS  
Community Resources and Development, MS  
Sustainable Tourism, MST

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

#### **Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPTDMSBS~null + &college=CPP>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Incorporate multiple perspectives when proposing creative solutions to complex tourism issues.
- Demonstrate proficiency in written communications with diverse audiences (e.g. clients, interdisciplinary team members, community members).
- Integrate knowledge from diverse disciplines to develop comprehensive strategies that address the complex challenges faced by tourism organizations.

#### **Global Opportunities:**

Global Experience: Future tourism professionals need to develop an understanding of how and why people travel to destinations around the world and how to share the local environment with visitors. Through study abroad (<https://goglobal.asu.edu/>), students gain valuable experience in the global travel context by learning sustainable tourism policies in destinations all around the world, including in Europe, Latin America, Asia and Africa.

**Career Opportunities:** Sustainable tourism is becoming increasingly important, and many tourism businesses are hiring sustainability coordinators. These businesses include hotels, airlines, museums, convention and visitor bureaus, and large attractions. Travel agencies and tour companies, such as those that implement ecotourism and volunteer tourism experiences, are especially interested in employees with a strong sustainable tourism background. Numerous sustainable tourism nonprofit organizations have emerged in recent years, and many government-related tourism organizations also hire those with a strong sustainability focus. Consulting opportunities are available to assist tourism businesses in developing sustainable practices as well.

#### **Contact Information:**

Public Service and Community Solutions, Watts College of

School of Community Resources and Development

<https://scrd.asu.edu>

UCENT 550

[scrdadvising@asu.edu](mailto:scrdadvising@asu.edu)

602-496-0550

## **Tourism and Recreation Management, BS (PPTRMBS)**

**Campus:** Online

**Program Description:** Through the BS program in tourism and recreation management, students acquire the planning and management skills required for work in the growing tourism, recreation, sport and event industries throughout the world.

Selecting one of four emphasis areas --- tourism, recreation, events or sport --- lets students hone in on what most interests them. The curriculum offers both broad understanding of each sector as well as the specific skills needed within a chosen field, enabling students to prepare to contribute to communities' economic and social development and to positively influence quality of life both domestically and abroad.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with::

Sustainable Tourism, MST

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/tourism-and-recreation-management-bs/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPTRMBS~null + &college=CPP>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Incorporate multiple perspectives when proposing creative solutions to complex tourism issues.
- Demonstrate proficiency in written communications with diverse audiences (e.g. clients, interdisciplinary team members, community members).
- Integrate knowledge from diverse disciplines to develop comprehensive strategies that address the complex challenges faced by tourism

organizations.

**Global Opportunities:**

Global Experience: Future tourism professionals need to develop an understanding of how and why people travel to destinations around the world and learn how to share the local environment with visitors. Students gain valuable experience in the global travel context by learning sustainable tourism policies in destinations all around the world, including in Europe, Latin America, Asia and Africa. More information is available on the Global Education website (<https://goglobal.asu.edu/>).

**Career Opportunities:** Industries in the leisure sector offer a wide variety of career options. Based upon interests, graduates can seek work in the public, nonprofit, or private and commercial sectors. Graduates find employment in such diverse organizations as resorts, hotels, and convention and visitor bureaus and in areas such as business and corporate travel, transportation, tour operations, event and meeting planning and management, and attractions management. Opportunities are also found with city and state parks and recreation departments and national parks and protected areas. Other career options can be found in youth, recreation and sports-oriented nonprofits; sports and recreation program planning and management; sports events; and many others.

In such settings, graduates plan, design, develop and manage services that address the needs of a particular clientele.

**Contact Information:**

Public Service and Community Solutions, Watts College of  
School of Community Resources and Development  
<https://scrd.asu.edu>  
UCENT 550  
[scrdadvising@asu.edu](mailto:scrdadvising@asu.edu)  
602-496-0550

## Urban and Metropolitan Studies, BS (PPURBBS)

**Campus:** Downtown Phoenix

**Program Description:** Located in the heart of downtown Phoenix, the BS program in urban and metropolitan studies is for students who yearn to study and understand urban theory in order to effectively address the challenges of rapid growth along with other contemporary urban issues.

Students in this program discover what makes the city tick --- and the city is their classroom. They examine challenges and solutions by researching history, society, culture, economy and politics in order to understand urban theory, and they use that knowledge to get involved in their communities. This gives them an outlet through which they can experience practical ways of solving complex problems faced by metropolitan regions. The students are invested in their neighborhoods. Many of them live and work downtown, and they learn how to improve urban health and well-being, often training themselves to be the future leaders of urban environments. Others focus on making a wide variety of other contributions to society, studying the role of arts and culture, business and property development, and revitalization and community-building in the life of the region.

This major is eligible for the Western Undergraduate Exchange program at the following location: Downtown Phoenix campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program (<https://admission.asu.edu/wue>).

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.  
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Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=PPURBBS~null + &college=CPP>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Program Learning Outcomes:**

Program learning outcomes identify what a student will learn or be able to do upon completion of their program. This program has the following program outcomes:

- Analyze the basic factors affecting the development of urban policies.
- Apply research and analytic tools to urban public problems
- Use management principles to work effectively in complex urban organizations.

**Global Opportunities:**

Global Experience: As populations grow and lead to urban sprawl, countries around the world grapple with how to best serve society. Study abroad programs (<https://goglobal.asu.edu/>) expose students to challenges large urban and metropolitan cities face in Europe, Latin America, Africa and Asia. Students experience cultural immersion and research ways to improve and solve complex issues faced by urban and metropolitan cities.

**Career Opportunities:** The transdisciplinary approach of the urban and metropolitan studies program ensures its graduates are prepared for work in a wide range of fields. Graduates successfully enter fields as diverse as urban management, revitalization, community development, urban sustainability and urban planning.

Some careers require additional graduate-level studies and professional experience. Students in the program are advised to explore their options with academic and career advisors to prepare an appropriate program of study and a plan to participate in an internship that complements their long-term professional goals.

**Contact Information:**

Public Service and Community Solutions, Watts College of  
School of Public Affairs

<https://spa.asu.edu>

UCENT 400

[spa@asu.edu](mailto:spa@asu.edu)

602-496-0450

## Teachers College, Mary Lou Fulton

### Applied Science (Early Childhood Studies), BAS (TEAPSECBAS)

**Campus:** Online

**Program Description:** The BAS with a concentration in early childhood studies is a two-year program for students who already have an AAS in early childhood education or a similar field.

Students gain skills in communication, critical thinking and leadership so they can positively affect school readiness for children from birth to age 5. Through online coursework, students deepen their understanding of the social, emotional, cognitive and physical development of young children. Students learn to set developmentally appropriate learning goals, to create and support effective instructional strategies, and to develop highly individualized instruction for young learners.

This program integrates experiential learning opportunities into the curriculum, allowing students to put coursework into practice. Students must be able to work or volunteer with learners in an early childhood setting for at least 15 hours per month throughout their junior and senior year.

Individuals who don't have an Associate of Applied Science degree may consider the BAE program in educational studies with a concentration in early childhood studies (<https://degrees.apps.asu.edu/bachelors/major/ASU00/TEESECEBAE/educational-studies-early-childhood-studies>), which has a parallel curriculum.

This program does not lead to teacher certification. Students seeking teacher certification should enroll in one of the other Mary Lou Fulton Teachers College undergraduate programs.

**STEM-OPT for International Students on F-1 Visas:**

This program may be eligible for an Optional Practical Training extension for up to 36 months. This OPT work authorization term may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension (<https://issc.asu.edu/f-1j-1-students/employment/stem>) at ASU's International Students and Scholars Center website. The OPT extension only applies to students on an F-1 visa and does not apply to students completing the degree through ASU Online.

**Additional Program Fee:** N

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: This program is not available to first-year students.

Transfer Admission Requirements: Students applying to this program must have completed an AAS degree from a regionally accredited institution AND be employed or volunteer in an early childhood setting (e.g., Head Start, child development center, early care and education center, private or public preschools, home-based child care) in order to successfully participate and complete coursework.

Students with an Associate of Applied Science degree, which consists of courses in specialized occupational areas built upon a general education core, will receive 60 hours of credit through a block transfer to the university. The block transfer applies only to the Bachelor of Applied Science degree program. Students may receive up to 15 more credit hours for additional coursework completed at the community college or university that, through transcript evaluation, is determined to match a course in the degree program major map.

**Change of Major Requirements:** A current ASU student must have completed an Associate of Applied Science in early childhood education or a closely related field from a regionally accredited institution to change to this major.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/early-childhood-applied-science/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TEAPSECBAS~null + &college=CTE>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Because of climate change, geopolitical instability or economic factors, the United Nations and other institutions predict that, for the foreseeable future, migration is expected to increase globally. Learners will be migrating to new communities and, in response, educators will be asked to meet the needs of students who speak languages other than English and who bring a range of cultures into classrooms and learning environments.

Education students can prepare for this reality by engaging in Global Education programs (<https://goglobal.asu.edu/>), in which they can expand their notion of normal schooling and deepen their understanding of how to foster inclusive and inspiring learning environments.

**Career Opportunities:** This program is a great option for those who are already working in the field of early childhood education.

Graduates may become early childhood educators in various settings, such as Head Start programs, early care and education centers, private preschools, nonprofit centers, and home-based service providers. Other career opportunities include center-based administrators or directors; topic specialists who provide resources, training and technical assistance to early childhood educators and programs; program managers; family support specialists; and consultants.

**Contact Information:**

Teachers College, Mary Lou Fulton  
Educational Leadership & Innovation, Division  
<https://education.asu.edu>  
ED 118  
[educationadvising@asu.edu](mailto:educationadvising@asu.edu)  
480-965-5555

## Early Childhood Education, BAE (TEECDEDBAE)

**Campus:** Tempe

**Program Description:** The BAE program in early childhood education prepares students to meet the educational, behavioral and social-emotional needs of children, ages birth to age 8 or grade 3. This program focuses on child development and best practices in early childhood education, including the skills to create inclusive learning environments; conduct instructional design, planning and facilitation; and assess, monitor and report the progress of young children.

Mary Lou Fulton Teachers College has developed a team-based approach to teacher preparation, allowing students to participate in professional experiences (internships and student-teaching residency) with a team of peers while receiving guidance and support from ASU faculty members and highly qualified certified teachers. Team-based professional experiences are designed to prepare students to work with mutually supportive colleagues to address the academic and social-emotional needs of learners. The primary goal of professional experiences is to provide students with multiple opportunities to apply knowledge learned in coursework to practice in the classroom.

Students complete a series of internships prior to a semester-long full-time teaching residency. With the support of a certified mentor teacher and ASU faculty, students are able to practice what is learned during coursework in learning environments.

Graduates are eligible to earn an institutional recommendation from ASU for Arizona teacher certification in Early Childhood, birth--grade 3 or age 8, as well as a Structured English Immersion, P-12, endorsement from the Arizona Department of Education. In order to teach in an Arizona public school, graduates must pass the appropriate Arizona educator exams: National Evaluation Series or Arizona Educator Proficiency Assessments.

**Format option**

This program is also offered via ASU Sync (<https://education.asu.edu/degree-programs/undergraduate-programs/asu-sync-statewide>). ASU Sync enables students to attend live classes remotely via Zoom. Classes are designed to foster active collaboration and discussion in real-time with faculty and peers. ASU Sync students need to reside in Arizona throughout the duration of the program. Students on I-20 visas are not permitted to complete courses via Sync and should speak with an advisor about other options to complete this program.

The ASU Sync option is only available to transfer students residing in Arizona due to state regulations and student teaching placement requirements. Students should have completed an associate degree by the time they enroll at ASU.

Students seeking to use GI Bill® benefits for ASU Sync programs should contact the Pat Tillman Veterans Center regarding certain limitations.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available on the official U.S. government website at <https://www.benefits.va.gov/gibill> (<https://www.benefits.va.gov/gibill/>).

**Additional Program Fee:** N

**Second Language Requirement:** N

**First Required Math Course:** MAT 117 - College Algebra or MAT 142

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Additional Requirements:** The ASU Sync option is only available to transfer students residing in Arizona due to state regulations and student teaching placement requirements. Students should have a completed associate degree or will have completed an associate degree by the time they are enrolled at ASU. Students on I-20 visas are not allowed to complete courses via Sync.

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TEECDEDBAE-null + &college=CTE>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Global Opportunities:**

**Global Experience:** Because of climate change, geopolitical instability or economic factors, the United Nations and other institutions predict that migration is expected to increase globally for the foreseeable future. Learners will be migrating to new communities. Increasingly, educators will be asked to meet the needs of students who speak languages other than English and who bring a range of cultures into classrooms and learning environments. Education students participating in study abroad programs can prepare for this reality by engaging in Global Education programs (<https://goglobal.asu.edu/>), where they can expand their notion of normal schooling and deepen their understanding of how to foster inclusive and inspiring learning environments.

**Career Opportunities:** There is a strong demand for early childhood educators in Arizona and nationwide. Many graduates with a degree in early childhood education hold leadership positions in Head Start, private nonprofit and private for-profit center-based programs, and public school early childhood environments.

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

#### **Contact Information:**

Teachers College, Mary Lou Fulton

Division of Teacher Preparation

<http://education.asu.edu>

ED 102

[ASUeducation@asu.edu](mailto:ASUeducation@asu.edu)

480-965-9995

## **Early Childhood and Early Childhood Special Education, BAE (TEECSEBAE)**

**Campus:** Tempe, ASU at The Gila Valley

ASU is no longer accepting new students to this program. Students interested in this program should apply to the BAE in Early Childhood Education (<https://degrees.apps.asu.edu/bachelors/major/ASU00/TEECDEDBAE/early-childhood-education>) or the BAE in Special Education (<https://degrees.apps.asu.edu/bachelors/major/ASU00/TEPCEDBAE/special-education>).

**Program Description:** The BAE program for early childhood education and early childhood special education prepares students to be eligible for dual certification in both early childhood education and early childhood special education (birth to age 8).

This program focuses on child development; research-based instructional and assessment practices in early childhood education; and the skills to assess, monitor and report the progress of children with and without disabilities. It prepares students to collaborate effectively with family members of young children to support the growth and development of those children.

Extensive professional experiences are built into this program to prepare students to enter the teaching profession after graduation. Graduates will complete internships prior to a full-time teaching residency. Mary Lou Fulton Teachers College has developed a distinctive approach to teacher-preparation, which includes student participation in internships and residencies while receiving guidance and support from faculty members and highly qualified certified teachers. Professional experiences are designed to prepare graduates to work with mutually supportive colleagues to address the academic and social-emotional needs of learners.

Graduates are eligible to earn an institutional recommendation from ASU for Arizona teacher certification in Early Childhood and Early Childhood

Special Education, and an endorsement in Structured English Immersion, preK-12, from the Arizona Department of Education. In order to teach in an Arizona public school, graduates must pass the appropriate Arizona educator exams: National Evaluation Series or Arizona Educator Proficiency Assessments.

Format option: Transfer students who live in Arizona and outside of Maricopa County may be eligible to take regularly scheduled classes remotely via ASU Sync. More information is available on the program website (<https://education.asu.edu/degree-programs/undergraduate-programs/asu-sync-statewide>).

**Additional Program Fee:** N

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics OR MAT 117 College Algebra

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TEECSEBAE-null + &college=CTE>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Future educators must learn to create inclusive and inspiring learning environments, and they can do this by expanding their horizons through study abroad. They can explore how schooling works in countries that are leaders in education, conduct comparative research, and make a difference in a community by volunteering at schools and engaging in local educational programs through service-learning opportunities. They may visit ASU's study abroad website (<https://goglobal.asu.edu/>) to explore programs.

**Career Opportunities:** There is a strong demand for early childhood educators in Arizona and nationwide. Many graduates with a degree in early childhood education hold leadership positions in Head Start, private nonprofit and private for-profit center-based programs, and public school early childhood environments.

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

**Contact Information:**

Teachers College, Mary Lou Fulton

Division of Teacher Preparation

<https://education.asu.edu/>

ED 118

[ASUeducation@asu.edu](mailto:ASUeducation@asu.edu)

480-965-9995

## Education Exploratory, (TEEDUEXPL)

**Campus:** Polytechnic, Tempe, West

**Program Description:** The education exploratory program provides first-year students with the ability to explore various areas in education prior to selecting a major at Mary Lou Fulton Teachers College.

During the program's first year of coursework, which includes four foundational education courses, and through specific cocurricular events scheduled throughout the first and second terms, students on this track are exposed to all programs and certification areas. Students are able to make an informed decision about the grade level or area of specialization they are interested in while staying on track to graduate from a bachelor's degree program.

Education exploratory is an introductory program offered prior to declaring a major. It does not lead to a degree, and students need to declare a major after completion of 30 credit hours.

**Additional Program Fee:** N

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics OR MAT 117 College Algebra

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A first-year student with fewer than 24 credit hours is eligible to change the major to this program.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TEEDUEXPL-null + &college=CTE>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Because of climate change, geopolitical instability or economic factors, the United Nations and other institutions predict that migration is expected to increase globally for the foreseeable future. Learners will be migrating to new communities. Increasingly, educators will be asked to meet the needs of students who speak languages other than English and who bring a range of cultures into classrooms and learning environments. Education students participating in study abroad programs can prepare for this reality by engaging in Global Education programs (<https://goglobal.asu.edu/>), in which they can expand their notion of normal schooling and deepen their understanding of how to foster inclusive and inspiring learning environments.

**Career Opportunities:** All students in the education exploratory program are poised to graduate from one of the majors within Mary Lou Fulton Teachers College. Information for those career opportunities can be found under each major.

**Contact Information:**

Teachers College, Mary Lou Fulton

Division of Teacher Preparation

<https://education.asu.edu/>

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## Educational Studies, BAE (EDSLSTBAE)

**Campus:** Polytechnic, Tempe, West, Online

**Program Description:** The BAE program in educational studies prepares students to work with children, youth, and adults within nonprofit settings, community institutions, civic organizations and businesses. Students develop cultural competence for social justice, including self-awareness, understanding and valuing others, and knowledge of societal inequities. Students develop skills for facilitating learning experiences with and for

diverse people in different contexts, skills to foster equity and inclusion, and skills for effective communication, collaboration, leadership, advocacy and innovation, all of which are essential to education professionals.

Students focus on one of 12 core tracks, pursuing additional coursework and expertise in:

- business
- community health
- counseling
- environmental education
- family and human development
- global studies
- health innovations
- nonprofit administration
- organizational leadership
- personal health
- political science
- recreation management

Educational studies students complete a two-semester internship. Students can choose to intern with a nonprofit, business or government organization. Through their internship experiences, students use concepts of diversity, equity and social justice to guide their identification of an education challenge within their organization. Then, using the human-centered design approach, which involves placing people at the center of the problem-solving process, they examine the challenge, ideate and ultimately implement a solution.

An educational studies minor is also available to ASU students in other degree programs.

This program does not lead to teacher certification. Students seeking teacher certification should enroll in one of the other Mary Lou Fulton Teachers College undergraduate programs.

**Additional Program Fee:** N

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics OR MAT 117 College Algebra

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Accelerated Program Options:**

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an accelerated bachelor's plus master's degree with:

Educational Policy, MA  
Learning Sciences, MA

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and how to apply (<https://acceleratedmasters.asu.edu/how-apply>).

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/bachelor-arts-education-educational-studies/>) for program

descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=EDSLSTBAE~null + &college=CTE>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Because of climate change, geopolitical instability or economic factors, the United Nations and other institutions predict that migration is expected to increase globally for the foreseeable future. Learners will be migrating to new communities. Increasingly, educators will be asked to meet the needs of students who speak languages other than English and who bring a range of cultures into classrooms and learning environments. Education students participating in study abroad programs can prepare for this reality by engaging in Global Education programs (<https://goglobal.asu.edu/>), where they can expand their notion of normal schooling and deepen their understanding of how to foster inclusive and inspiring learning environments.

**Career Opportunities:** Graduates have a versatile degree that qualifies them for a variety of career paths in education, including roles at nonprofit organizations, community institutions, civic organizations and businesses.

This degree is also preparation for graduate programs in education or education-related fields or for trajectories based on the context of the individual's work (e.g., organizational development).

**Contact Information:**

Teachers College, Mary Lou Fulton  
Educational Leadership & Innovation, Division  
<https://education.asu.edu/>  
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## Educational Studies (Early Childhood Studies), BAE (TEESECEBAE)

**Campus:** Online

**Program Description:** The BAE program in educational studies with a concentration in early childhood studies prepares students for careers working with and advocating for children from birth to age 5.

Students gain skills in communication, critical thinking and leadership so they can positively affect school readiness for young children. Through online coursework, students deepen their understanding of the social, emotional, cognitive and physical development of young children. They learn to set developmentally appropriate learning goals for this age group and create and support effective instructional strategies and develop highly individualized instruction.

This program integrates experiential learning opportunities into the curriculum, allowing students to put coursework into practice. Students must be able to work or volunteer with learners in an early childhood setting for at least 15 hours per month throughout their junior and senior year.

Transfer students who already have an AAS degree in early childhood education or a closely related field should consider the BAS in applied science (early childhood studies) program, which has a parallel curriculum.

This program does not lead to teacher certification. Students seeking teacher certification should enroll in one of the other Mary Lou Fulton Teachers College undergraduate programs.

**Additional Program Fee:** N

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their



academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

#### **Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/early-childhood-education/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TEESECEBAE~null + &college=CTE>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Global Opportunities:**

Global Experience: Because of climate change, geopolitical instability or economic factors, the United Nations and other institutions predict that migration is expected to increase globally for the foreseeable future. Learners will be migrating to new communities. Increasingly, educators will be asked to meet the needs of students who speak languages other than English and bring a range of cultures into classrooms and learning environments. Education students participating in study abroad programs can prepare for this reality by engaging in Global Education programs (<https://goglobal.asu.edu/>), where they can expand their notion of "normal" schooling and deepen their understanding of how to foster inclusive and inspiring learning environments.

**Career Opportunities:** This program is a great option for students who are already working in the field of early childhood education.

Career opportunities for graduates include early childhood educators in various settings, such as Head Start programs, early care and education centers, private preschools, nonprofit centers and home-based service providers. Other career opportunities include center-based administrators or directors; topic specialists that provide resources, training and technical assistance to early childhood professionals and programs; program managers; family support specialists and consultants.

#### **Contact Information:**

Teachers College, Mary Lou Fulton

Educational Leadership & Innovation, Division

<https://education.asu.edu/>

ED 120

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## **Educational Studies (Instructional Design), BAE (TEEDUSTBAE)**

**Campus:** Online

**Program Description:** The BAE program in educational studies with a concentration in instructional design helps students build critical competencies related to designing effective online learning to meet the needs of learners.

The curriculum is grounded in modern learning theory and design. Coursework addresses a variety of components within the field of education including foundations of instructional design, theory and design of digital learning, and digital learning evaluation. All courses are taught online and

combine a range of resources and technologies to facilitate direct interaction between and among students and program faculty.

This program culminates with an internship where students create and present a project that demonstrates their knowledge of instructional design by applying it in a professional context. Students work with an organization to identify an instructional need, problem or performance gap, and then they develop and deploy a solution to be delivered in an online or blended format.

An instructional design minor is also available to ASU students in other degree programs.

This program does not lead to teacher certification. Students seeking teacher certification should enroll in one of the other Mary Lou Fulton Teachers College undergraduate programs.

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics or MAT 117 College Algebra

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/undergraduate-bae-educational-studies-instructional-design>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TEEDUSTBAE~null + &college=CTE>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Because of climate change, geopolitical instability or economic factors, the United Nations and other institutions predict that migration is expected to increase globally for the foreseeable future. Learners will be migrating to new communities. Increasingly, educators will be asked to meet the needs of students who speak languages other than English and bring a range of cultures into classrooms and learning environments. Education students participating in study abroad programs can prepare for this reality by engaging in Global Education programs (<https://goglobal.asu.edu/>), where they can expand their notion of "normal" schooling and deepen their understanding of how to foster inclusive and inspiring learning environments.

**Career Opportunities:** There is growing demand for online educators, including in companies that develop the materials for online students and any organization focused on digital learning. Graduates are prepared for instructional design roles in K-12, higher education, nonprofits and corporate settings.

Career examples include:

- curriculum coordinator
- curriculum designer or developer
- distance learning manager
- instructional designer
- media center specialists
- technology coordinator
- training specialist, coordinator or manager

**Contact Information:**

Teachers College, Mary Lou Fulton  
 Educational Leadership & Innovation, Division  
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 ED 118  
[educationadvising@asu.edu](mailto:educationadvising@asu.edu)  
 480-965-5555

**Elementary Education, BAE (TEEDBAE)**

**Campus:** Polytechnic, Tempe, West

**Program Description:** The BA program in education with a concentration in elementary education prepares prospective educators to work with children of grades K-8 in an educational setting. This program leads to a K-8 elementary education credential in the state of Arizona.

Students receive a firm grounding in academic content with current research and best practices from nationally recognized faculty in their fields of expertise, accompanied by professional experiences. This program also provides experience in integrating technology into teaching practices.

The teacher certification program for elementary education is clinically embedded during both the junior and senior years. Mary Lou Fulton Teachers College has developed a team-based approach to teacher preparation, allowing students to participate in professional experiences (internships and teaching residencies) with a team of peers while receiving guidance and support from ASU faculty members and highly qualified certified teachers. Team-based professional experiences are designed to prepare students to work with mutually supportive colleagues to address the academic and social-emotional needs of learners. The primary goal of professional experiences is to provide students with multiple opportunities to apply knowledge learned in coursework to practice in the classroom.

Students complete a series of internships prior to a semester-long full-time teaching residency. With the support of a certified mentor teacher and ASU faculty, students are able to practice what is learned during coursework in learning environments.

Graduates are recommended for grades K-8 elementary teacher certification. Those desiring to teach in a public school must pass the appropriate Arizona educator exams (National Evaluation Series or Arizona Educator Proficiency Assessments) to be credentialed to teach in the state of Arizona.

**Format option**

This program is also offered via ASU Sync. (<https://education.asu.edu/degree-programs/undergraduate-programs/asu-sync-statewide>) ASU Sync enables students to attend live classes remotely via Zoom. Classes are designed to foster active collaboration and discussion in real-time with faculty and peers. ASU Sync students need to reside in Arizona throughout the duration of the program. Students on I-20 visas are not permitted to complete courses via Sync and should speak with an advisor about other options to complete this program.

Students seeking to use GI Bill® benefits for ASU Sync programs should contact the Pat Tillman Veterans Center regarding certain limitations.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available on the official U.S. government website at <https://www.benefits.va.gov/gibill> (<https://www.benefits.va.gov/gibill>).

**Additional Program Fee:** N

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Additional Requirements:** The ASU Sync option is only available to transfer students residing in Arizona due to state regulations and student teaching placement requirements. Students should have a completed associate degree or will have completed an associate degree by the time they are enrolled at ASU. Students on I-20 visas are not allowed to complete courses via Sync.

**Transfer Admission Requirements:** The MyPath2ASU® pathway allows Arizona transfer students to complete a prescribed sequence of courses that meet the requirements for the community college's Associate of Arts degree along with the lower-division requirements for the ASU major.

Students should visit Admission Services (<https://admission.asu.edu/transfer>) for more information about ASU degrees offered at local community colleges.

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TEEEDBAE~null + &college=CTE>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Global Opportunities:**

**Global Experience:** Because of climate change, geopolitical instability or economic factors, the United Nations and other institutions predict that migration is expected to increase globally for the foreseeable future. Learners will be migrating to new communities. Increasingly, educators will be asked to meet the needs of students who speak languages other than English and who bring a range of cultures into classrooms and learning environments. Education students participating in study abroad programs can prepare for this reality by engaging in Global Education programs (<https://goglobal.asu.edu/>), in which they can expand their notion of normal schooling and deepen their understanding of how to foster inclusive and inspiring learning environments.

**Career Opportunities:** There is a demand for highly qualified elementary teachers in Arizona. A high percentage of students from this program receive job offers during their residencies. Many graduates with a degree in elementary education work in:

- charter schools
- nontraditional settings
- private school settings
- public elementary schools

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

#### **Contact Information:**

Teachers College, Mary Lou Fulton

Division of Teacher Preparation

<https://education.asu.edu/>

ED 118

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480-965-9995

## **Elementary Education (Educating Multilingual Learners), BAE (TEDLLBAE)**

**Campus:** Tempe

ASU is no longer accepting new students to the program. Please explore Degree Search for other similar program options.

**Program Description:** The BAE program for elementary education with a concentration in educating multilingual learners prepares students for certification in grades K-8 as well as a preK-12 bilingual education or English as a second language endorsement in the state of Arizona.

This program offers students a firm grounding in current research and critical pedagogy for English language learners. Candidates take several courses that focus on language diversity, dialectal variation, funds of knowledge and practices that value cultural and community engagements. Students learn processes for developing and supporting the needs of students with individual language learning plans. Students also receive preparation in elementary academic content areas, including math, language arts, social studies and science with a specific focus on meeting the

academic and linguistic needs of emergent bilinguals.

Students will learn about the foundations of second language acquisition, biliteracy, culturally relevant pedagogy and effective language instruction. Knowledge of these subjects prepares prospective educators to develop critical perspectives that will help them to advocate for bilingual children and families.

Mary Lou Fulton Teachers College has developed a team-based approach to teacher preparation, allowing students to participate in professional experiences (internships and teaching residencies) with a team of peers while receiving guidance and support from ASU faculty members and highly qualified certified teachers. Team-based professional experiences are designed to prepare students to work with mutually supportive colleagues to address the academic and social-emotional needs of learners. The primary goal of professional experiences is to provide students with multiple opportunities to apply knowledge learned in coursework to practice in the classroom.

Students complete a series of internships prior to a semester-long full-time teaching residency. With the support of a certified mentor teacher and ASU faculty, students are able to practice what is learned during coursework in learning environments.

Graduates earn an institutional recommendation from ASU for Arizona teacher certification in Elementary Education, K-8, as well as an endorsement in either bilingual education or English as a second language from the Arizona Department of Education. In order to teach in an Arizona public school, graduates must pass the appropriate Arizona educator exams: National Evaluation Series or Arizona Educator Proficiency Assessments. In addition, students must complete six credit hours of a foreign language or equivalent and pass an appropriate language proficiency test to be eligible for the bilingual education or English as a second language endorsement.

**Additional Program Fee:** N

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics OR MAT 117 College Algebra

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TEDLLBAE~null + &college=CTE>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Because of climate change, geopolitical instability or economic factors, the United Nations and other institutions predict that migration is expected to increase globally for the foreseeable future. Learners will be migrating to new communities. Increasingly, educators will be asked to meet the needs of students who speak languages other than English and who bring a range of cultures into classrooms and learning environments. Education students participating in study abroad programs can prepare for this reality by engaging in Global Education programs (<https://goglobal.asu.edu/>), where they can expand their notion of normal schooling and deepen their understanding of how to foster inclusive and inspiring learning environments.

**Career Opportunities:** Graduates of Mary Lou Fulton Teachers College are highly sought teachers in public, charter and private education institutions, including the increasing number of dual-language programs. Career examples include:

- bilingual-dual language K-8 classroom teacher
- K-8 classroom teacher
- language coach
- SEI classroom teacher

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

**Contact Information:**

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## Elementary Education (Science, Technology, Engineering and Mathematics), BAE (TEESTEMBAE)

**Campus:** Polytechnic

ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options.

**Program Description:** The BAE program in elementary education with a concentration in science, technology, engineering and mathematics, collectively referred to as STEM, prepares students for certification in grades K-8 in the state of Arizona. This program includes coursework designed for students looking to advance their skills in STEM disciplines and wishing to learn techniques to effectively engage learners.

The program equips prospective educators with the specialized STEM knowledge they need to solve challenging problems and apply critical thinking skills. The elementary education STEM program offers students a firm grounding in the language, current research and best practices in STEM education.

Extensive professional experiences are built into this program to prepare students to enter the teaching profession after graduation. Graduates will complete internships prior to a full-time teaching residency. Mary Lou Fulton Teachers College has developed a distinctive approach to teacher-preparation, which includes student participation in internships and residencies while receiving guidance and support from faculty members and highly qualified certified teachers. Professional experiences are designed to prepare graduates to work with mutually supportive colleagues to address the academic and social-emotional needs of learners.

Graduates earn an institutional recommendation from ASU for Arizona teacher certification in Elementary Education, K-8, and an endorsement in Structured English Immersion, preK-12, from the Arizona Department of Education. In order to teach in an Arizona public school, graduates must pass the appropriate Arizona educator exams: National Evaluation Series or Arizona Educator Proficiency Assessments.

**Additional Program Fee:** N

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics or MAT 117 College Algebra or MAT 170 Precalculus

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TEESTEMBAE-null + &college=CTE>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Future educators must learn to create inclusive and inspiring learning environments and they can do this by expanding their horizons. Through study abroad, they can explore how schooling works in countries that are leaders in education, and they can conduct comparative research. Students can make a difference in a community by volunteering at schools and engaging in local educational programs through service-learning opportunities. Students may explore over 300 program options on the Global Education Office website (<https://goglobal.asu.edu/>).

**Career Opportunities:** Graduates of Mary Lou Fulton Teachers College are highly sought teachers in public, charter and private education institutions. Many graduates with degrees in elementary education also work at community organizations serving children and youth.

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

**Contact Information:**

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## Elementary Multilingual Education, BAE (TEEMLEBAE)

**Campus:** Tempe

**Program Description:** This BAE program in elementary multilingual education prepares students to become educators for linguistically and culturally diverse learners in grades K-8. Students have opportunities to specialize in several areas, including transborder and cultural studies, Indigenous education and Spanish.

Course topics include language diversity, dialectal variation, funds of knowledge (i.e., collections of knowledge-based cultural practices), and practices that value cultural and community engagement. Students learn processes for identifying English language learners as well as how to develop and support the needs of students with individual language learning plans. Students also receive preparation in teaching elementary content areas, including math, language arts, social studies and science with a specific focus on meeting the academic and linguistic needs of English language learners.

Mary Lou Fulton Teachers College has developed a team-based approach to teacher preparation, allowing students to participate in professional experiences (internships and teaching residencies) with a team of peers while receiving guidance and support from ASU faculty members and highly qualified certified teachers. Team-based professional experiences are designed to prepare students to work with mutually supportive colleagues to address the academic and social-emotional needs of learners. The primary goal of professional experiences is to provide students with multiple opportunities to apply knowledge learned in coursework to practice in the classroom.

Students complete a series of internships prior to a semester-long full-time teaching residency. With the support of a certified mentor teacher and ASU faculty, students are able to practice what is learned during coursework in learning environments.

Graduates are eligible to earn an institutional recommendation from ASU for Arizona teacher certification in Elementary Education, K-8, as well as an endorsement in either bilingual education or English as a second language from the Arizona Department of Education. In order to teach in an Arizona public school, graduates must pass the appropriate Arizona educator exams: National Evaluation Series or Arizona Educator Proficiency Assessments. In addition, students must complete six credit hours of a foreign language or equivalent and pass an appropriate language proficiency test to be eligible for the bilingual education or English as a second language endorsement.

**Additional Program Fee:** N

**Second Language Requirement:** N

**First Required Math Course:** MAT 117 - College Algebra or MAT 142 College Mathematics

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)  
International (<https://admission.asu.edu/international/undergrad-apply>)  
Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors. Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TEEMLEBAE-null + &college=CTE>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Global Opportunities:**

**Global Experience:** Because of climate change, geopolitical instability or economic factors, the United Nations and other institutions predict that migration is expected to increase globally for the foreseeable future. Learners will be migrating to new communities. Increasingly, educators will be asked to meet the needs of students who speak languages other than English and who bring a range of cultures into classrooms and learning environments. Education students participating in study abroad programs can prepare for this reality by engaging in Global Education programs (<https://goglobal.asu.edu/>) in which they can expand their notion of normal schooling and deepen their understanding of how to foster inclusive and inspiring learning environments.

**Career Opportunities:** Graduates of Mary Lou Fulton Teachers College are highly sought-after teachers in public, charter and private education institutions, including the increasing number of dual-language programs.

- bilingual-dual language K-8 classroom teacher
- K-8 classroom teacher
- language coach
- structured English immersion classroom teacher

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

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## **Physical Education, BAE (TEPPEBAE)**

**Campus:** Polytechnic, Tempe

**Program Description:** The BAE program in physical education prepares students to successfully teach quality physical education programs to learners in preschool through grade 12.

The curriculum directly aligns with national beginning teacher standards of The Society of Health and Physical Education Teachers of America. Students take foundational coursework in the areas of growth and motor development, movement activities and lifelong physical fitness. The coursework covers elementary, secondary and adaptive physical education methods, including topics such as instructional design, lesson planning and modifications, and accommodations for P-12 learners. Students build skills in cultivating a positive and productive learning environment, assessing, monitoring and reporting progress, as well as conducting themselves as responsible and ethical professionals.

Mary Lou Fulton Teachers College has developed a team-based approach to teacher preparation, allowing students to participate in professional experiences (internships and teaching residencies) with a team of peers while receiving guidance and support from ASU faculty members and highly qualified certified teachers. Team-based professional experiences are designed to prepare students to work with mutually supportive colleagues to address the academic and social-emotional needs of learners. The primary goal of professional experiences is to provide students with multiple opportunities to apply knowledge learned in coursework to practice in the classroom.

Students complete a series of internships prior to a semester-long full-time teaching residency. With the support of a certified mentor teacher and



ASU faculty, students are able to practice what is learned during coursework in learning environments.

Graduates earn an institutional recommendation for teacher certification in Physical Education, P-12, as well as a Structured English Immersion, P-12, endorsement through the Arizona Department of Education. In order to teach in a public school, graduates must pass the appropriate Arizona educator exams (National Evaluation Series or Arizona Educator Proficiency Assessments) to be certified to teach in the state of Arizona.

**Additional Program Fee:** N

**Second Language Requirement:** N

**First Required Math Course:** MAT 117 - College Algebra or MAT 142 College Mathematics

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TEPPEBAE-null + &college=CTE>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Because of climate change, geopolitical instability or economic factors, the United Nations and other institutions predict that migration is expected to increase globally for the foreseeable future. Learners will be migrating to new communities. Increasingly, educators will be asked to meet the needs of students who speak languages other than English and who bring a range of cultures into classrooms and learning environments. Education students participating in study abroad programs can prepare for this reality by engaging in Global Education programs (<https://goglobal.asu.edu/>) in which they can expand their notion of normal schooling and deepen their understanding of how to foster inclusive and inspiring learning environments.

**Career Opportunities:** Graduates of Mary Lou Fulton Teachers College are highly sought-after teachers in public, charter and private education institutions. Many graduates with degrees in physical education also work as coaches, fitness instructors, or with organizations dedicated to improving health and wellness.

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

**Contact Information:**

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## Secondary Education, BAE (TESEDBAE)

**Campus:** Polytechnic, Tempe, West

**Program Description:** The BAE program in secondary education prepares students to educate learners in grades 6-12 in the content area of the student's choice.

Students develop strong content knowledge, instructional competency and professional skills needed to lead successful classrooms in middle and high schools. This program provides extensive experience in integrating educational technology and has a strong focus on teaching and learning practices that foster equitable access and outcomes for diverse secondary populations. Students select one content area as their subject emphasis in which they will take at least 24 credit hours. Content areas, which may vary depending on location, include biology, business, chemistry, earth and space sciences, economics, English, general science, geography, health, history, mathematics, physics, physical education, political science and American government, and some foreign languages.

Mary Lou Fulton Teachers College has developed a team-based approach to teacher preparation, allowing students to participate in professional experiences (internships and teaching residencies) with a team of peers while receiving guidance and support from ASU faculty members and highly qualified certified teachers. Team-based professional experiences are designed to prepare students to work with mutually supportive colleagues to address the academic and social-emotional needs of learners. The primary goal of professional experiences is to provide students with multiple opportunities to apply knowledge learned in coursework to practice in the classroom.

Students complete a series of internships prior to a semester-long, full-time teaching residency. With the support of a certified mentor teacher and ASU faculty, students are able to practice what is learned during coursework in learning environments.

Graduates earn an institutional recommendation from ASU for the Arizona teaching credential in Secondary Education, 6-12, from the Arizona Department of Education. To be eligible for a secondary education credential in Arizona, students must meet all requirements specified by the Arizona Department of Education, including passing the appropriate Arizona educator subject knowledge exam, as well as the professional knowledge exam offered through the National Evaluation Series or Arizona Educator Proficiency Assessments. Individuals who have previously earned a bachelor's or master's degree in the content area may be eligible to waive the subject knowledge exam and should contact [MLFTCCompliance@asu.edu](mailto:MLFTCCompliance@asu.edu) (mailto:MLFTCCompliance@asu.edu) to learn more.

#### Format option

This program is also offered via ASU Sync (<https://education.asu.edu/degree-programs/undergraduate-programs/asu-sync-statewide>). ASU Sync enables students to attend live classes remotely via Zoom. Classes are designed to foster active collaboration and discussion in real-time with faculty and peers. ASU Sync students need to reside in Arizona throughout the duration of the program. Students on I-20 visas are not permitted to complete courses via Sync and should speak with an advisor about other options to complete this program.

The Bachelor of Arts in Education in secondary education via ASU Sync is available for transfer students who reside in Arizona. These students must have completed an associate degree by the time they enroll at ASU.

Students should speak to an advisor about the content areas and modalities offered at our campuses in and outside of Maricopa county.

Students seeking to use GI Bill® benefits for ASU Sync programs should contact the Pat Tillman Veterans Center regarding certain limitations. GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available on the official U.S. government website at <https://www.benefits.va.gov/gibill> (<https://www.benefits.va.gov/gibill>).

#### Concurrent degree

With this option, undergraduate students can pair the Bachelor of Arts in Education in secondary education with either the BS in biological sciences or the BA in chemistry. This choice allows students to graduate with two degrees, a greater understanding of the field of education, and a credential to teach.

#### **Additional Program Fee:** N

#### **Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

#### **Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

#### **Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: The ASU Sync option is only available to transfer students residing in Arizona due to state regulations and student teaching placement requirements. Students should have a completed associate degree or will have completed an associate degree by the time they are enrolled at ASU. Students on I-20 visas are not allowed to complete courses via Sync.

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TESEDBAE-null + &college=CTE>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Global Opportunities:**

Global Experience: Because of climate change, geopolitical instability or economic factors, the United Nations and other institutions predict that migration is expected to increase globally for the foreseeable future. Learners will be migrating to new communities. Increasingly, educators will be asked to meet the needs of students who speak languages other than English and who bring a range of cultures into classrooms and learning environments. Education students participating in study abroad can prepare for this reality by engaging in Global Education programs (<https://goglobal.asu.edu>), where they can expand their notion of normal schooling and deepen their understanding of how to foster inclusive and inspiring learning environments.

**Career Opportunities:** Graduates from secondary education are recommended for certification in an approved area for grades 6-12. The demand for well prepared secondary teachers is strong, particularly in the areas of math and science. Job opportunities in a fast growing state such as Arizona are numerous. Graduates with a degree in secondary education work in:

- charter schools
- private school settings
- public schools
- online schools

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

To be eligible for a secondary education credential in Arizona, students must meet all requirements specified by the Arizona Department of Education, including passing the appropriate Arizona educator subject knowledge exam, as well as the professional knowledge exam offered through the National Evaluation Series or Arizona Educator Proficiency Assessments. Individuals who have previously earned a bachelor's or master's degree in the content area may be eligible to waive the subject knowledge exam and should contact [MLFTCCompliance@asu.edu](mailto:MLFTCCompliance@asu.edu) (mailto:MLFTCCompliance@asu.edu) to learn more.

#### **Contact Information:**

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## **Secondary Education (Biological Sciences), BAE (TEBIOBAE)**

**Campus:** Polytechnic, Tempe, West

**Program Description:** The BAE in secondary education with a concentration in biology prepares students to educate learners in grades 6-12. Aligned with strong content knowledge of biological sciences, this program also focuses on integrating technology into teaching and provides the professional experience needed to develop teaching skills that lead to success in the classroom.

Mary Lou Fulton Teachers College has developed a team-based approach to teacher preparation, allowing students to participate in professional experiences (internships and teaching residencies) with a team of peers while receiving guidance and support from ASU faculty members and highly qualified certified teachers. Team-based professional experiences are designed to prepare students to work with mutually supportive colleagues to address the academic and social-emotional needs of learners. The primary goal of professional experiences is to provide students with multiple opportunities to apply knowledge learned in coursework to practice in the classroom.

Students complete a series of internships prior to a semester-long full-time teaching residency. With the support of a certified mentor teacher and ASU faculty, students are able to practice what is learned during coursework in learning environments.

Graduates from this program earn a bachelor's degree in their content area and will receive an institutional recommendation from ASU that is recognized by the Arizona Department of Education for teacher certification in Secondary Education, 6-12. To be eligible for secondary certification in Arizona, students must also earn a passing score on the professional knowledge exam offered through the National Evaluation Series or Arizona Educator Proficiency Assessments.

**Additional Program Fee:** N

**Second Language Requirement:** N

**First Required Math Course:** MAT 170 - Precalculus

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TEBIOBAE~null + &college=CTE>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Because of climate change, geopolitical instability or economic factors, the United Nations and other institutions predict that migration is expected to increase globally for the foreseeable future. Learners will be migrating to new communities. Increasingly, educators will be asked to meet the needs of students who speak languages other than English and who bring a range of cultures into classrooms and learning environments. Education students participating in study abroad programs can prepare for this reality by engaging in Global Education programs (<https://goglobal.asu.edu/>) in which they can expand their notion of normal schooling and deepen their understanding of how to foster inclusive and inspiring learning environments.

**Career Opportunities:** Graduates of Mary Lou Fulton Teachers College are highly sought out teachers in public, charter and private education institutions. The demand for well-prepared secondary teachers is strong, particularly in the areas of math and science. Job opportunities in a fast growing state such as Arizona are numerous.

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

**Contact Information:**

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**Campus:** Polytechnic, Tempe, West

ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options.

**Program Description:** BAE programs in secondary education prepare educators to teach youth enrolled in grades 6-12. While teacher candidates develop a strong theoretical background in their specific content areas, education program courses focus on developing the skills and teaching abilities required to be successful in the classroom. This program offers the Structured English Immersion instruction that qualifies them to receive the endorsement that enables them to work with English language learners, and also provides extensive experiences throughout the program in integrating technology into teaching.

Secondary education professional pathway programs are clinically embedded during the junior and senior years. The primary goal of all professional experiences is to provide students with multiple opportunities to apply knowledge learned in ASU coursework to classroom practice in grades 6-12. Mary Lou Fulton Teachers College students complete internships one day a week during the junior year and first semester of the senior year. In the final semester, students complete a full-time teaching residency. Mary Lou Fulton Teachers College faculty and highly qualified lead teachers from partner school districts and charter schools collaboratively coach interns and residents during required professional experiences. The professional experience provided by the program provides students an opportunity to work directly with youth and make an immediate impact on classroom achievement. Students are also given the opportunity to work collaboratively with fellow interns in content area and interdisciplinary teams. This intensive, hands-on model of teacher preparation creates highly sought-after graduates.

Graduates of the program desiring to teach in a public school must pass the appropriate Arizona educator exam to be certified to teach in the state of Arizona.

**Additional Program Fee:** N

**Second Language Requirement:** N

**First Required Math Course:** MAT 270 - Calculus w/Analytic Geometry I

**Program Math Intensity:** Substantial

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TECHMBAE~null + &college=CTE>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Science educators can experience physical sciences and chemistry outside the classroom through study abroad (<https://goglobal.asu.edu/>). STEM programs in Europe, Asia and Latin America offer hands-on opportunities that explore climate change, engineering and the intersection of humanities and science. Opportunities include research and learning alongside peers from other countries. Program lengths range as short as a week, a semester or a summer.

**Career Opportunities:** Graduates from secondary education are recommended for certification in an approved area for grades 6-12. The demand for well prepared secondary teachers is strong, particularly in the areas of math and science. Job opportunities in a fast growing state such as Arizona are numerous. Graduates with a degree in secondary education work in:

- charter schools
- private school settings
- public schools

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another

state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

**Contact Information:**

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## Secondary Education (Earth and Space Sciences), BAE (EDESSBAE)

**Campus:** Polytechnic, Tempe, West

ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options.

**Program Description:** The BAE program in secondary education with a concentration in earth and space sciences prepares students to educate learners in grades 6-12. Aligned with strong content knowledge of earth and space sciences, this program also focuses on integrating technology into teaching and provides the professional experience needed to develop teaching skills that lead to success in the classroom.

Mary Lou Fulton Teachers College has developed a team-based approach to teacher preparation, allowing students to participate in professional experiences (internships and teaching residencies) with a team of peers while receiving guidance and support from ASU faculty members and highly qualified certified teachers. Team-based professional experiences are designed to prepare students to work with mutually supportive colleagues to address the academic and social-emotional needs of learners. The primary goal of professional experiences is to provide students with multiple opportunities to apply knowledge learned in coursework to practice in the classroom.

Students complete a series of internships prior to a semester-long-full-time teaching residency. With the support of a certified mentor teacher and ASU faculty, students are able to practice what is learned during coursework in learning environments.

Graduates from this program earn a bachelor's degree in their content area and will receive an institutional recommendation from ASU that is recognized by the Arizona Department of Education for teacher certification in Secondary Education, 6-12. To be eligible for secondary certification in Arizona, students must also earn a passing score on the professional knowledge exam offered through the National Evaluation Series or Arizona Educator Proficiency Assessments.

**Additional Program Fee:** N

**Second Language Requirement:** N

**First Required Math Course:** MAT 210 - Brief Calculus or MAT 270 Calculus w/Analytic Geometry I

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=EDESSBAE~null + &college=CTE>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Because of climate change, geopolitical instability or economic factors, the United Nations and other institutions predict that migration is expected to increase globally for the foreseeable future. Learners will be migrating to new communities. Increasingly, educators will be asked to meet the needs of students who speak languages other than English and who bring a range of cultures into classrooms and learning environments. Education students participating in study abroad programs can prepare for this reality by engaging in Global Education programs

(<https://goglobal.asu.edu/>) in which they can expand their notion of "normal" schooling and deepen their understanding of how to foster inclusive and inspiring learning environments.

**Career Opportunities:** Graduates of Mary Lou Fulton Teachers College are highly sought out teachers in public, charter and private education institutions. The demand for well prepared secondary teachers is strong, particularly in the areas of math and science. Job opportunities in a fast growing state such as Arizona are numerous.

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

**Contact Information:**

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## Secondary Education (English), BAE (TEENGBAE)

**Campus:** Polytechnic, Tempe, West

**Program Description:** The BAE in secondary education with a concentration in English prepares students to educate learners in grades 6-12. Aligned with strong content knowledge of English language arts, this program also focuses on integrating technology into teaching and provides the professional experience necessary for developing the teaching skills that lead to success in the classroom.

Mary Lou Fulton Teachers College has developed a team-based approach to teacher preparation, allowing students to participate in professional experiences (internships and teaching residencies) with a team of peers while receiving guidance and support from ASU faculty members and highly qualified certified teachers. Team-based professional experiences are designed to prepare students to work with mutually supportive colleagues to address the academic and social-emotional needs of learners. The primary goal of professional experiences is to provide students with multiple opportunities to apply knowledge learned in coursework to practice in the classroom.

Students complete a series of internships prior to a semester-long-full-time teaching residency. With the support of a certified mentor teacher and ASU faculty, students are able to practice what is learned during coursework in learning environments.

Graduates from this program earn a bachelor's degree in their content area and will receive an institutional recommendation from ASU that is recognized by the Arizona Department of Education for teacher certification in Secondary Education, 6-12. To be eligible for secondary certification in Arizona, students must also earn a passing score on the professional knowledge exam offered through the National Evaluation Series or Arizona Educator Proficiency Assessments.

**Additional Program Fee:** N

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics OR MAT 117 College Algebra

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use

MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TEENGBAE~null + &college=CTE>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Global Opportunities:**

**Global Experience:** Because of climate change, geopolitical instability or economic factors, the United Nations and other institutions predict that migration is expected to increase globally for the foreseeable future. Learners will be migrating to new communities. Increasingly, educators will be asked to meet the needs of students who speak languages other than English and who bring a range of cultures into classrooms and learning environments. Education students participating in study abroad programs can prepare for this reality by engaging in Global Education programs (<https://goglobal.asu.edu/>), where they can expand their notion of normal schooling and deepen their understanding of how to foster inclusive and inspiring learning environments.

**Career Opportunities:** Graduates of Mary Lou Fulton Teachers College are highly sought-after teachers in public, charter and private education institutions. The demand for well prepared secondary teachers is strong. Job opportunities in a fast growing state such as Arizona are numerous.

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

#### **Contact Information:**

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## **Secondary Education (History), BAE (TEHISBAE)**

**Campus:** Polytechnic, Tempe, West

**Program Description:** The BAE in secondary education with a concentration in history prepares students to educate learners in grades 6-12. Aligned with strong content knowledge of history, this program also focuses on integrating technology into teaching and provides the professional experience necessary for developing teaching skills that lead to success in the classroom.

Mary Lou Fulton Teachers College has developed a team-based approach to teacher preparation, allowing students to participate in professional experiences (internships and teaching residencies) with a team of peers while receiving guidance and support from ASU faculty members and highly qualified certified teachers. Team-based professional experiences are designed to prepare students to work with mutually supportive colleagues to address the academic and social-emotional needs of learners. The primary goal of professional experiences is to provide students with multiple opportunities to apply knowledge learned in coursework to practice in the classroom.

Students complete a series of internships prior to a semester-long-full-time teaching residency. With the support of a certified mentor teacher and ASU faculty, students are able to practice what is learned during coursework in learning environments.

Graduates from this program earn a bachelor's degree in their content area and will receive an institutional recommendation from ASU that is recognized by the Arizona Department of Education for teacher certification in Secondary Education, 6-12. To be eligible for secondary certification in Arizona, students must also earn a passing score on the professional knowledge exam offered through the National Evaluation Series or Arizona Educator Proficiency Assessments.

**Additional Program Fee:** N

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics OR MAT 117 College Algebra

**Program Math Intensity:** General

#### **Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

#### **Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.



Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TEHISBAE~null + &college=CTE>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Global Opportunities:**

**Global Experience:** Because of climate change, geopolitical instability or economic factors, the United Nations and other institutions predict migration is expected to increase globally for the foreseeable future. Learners will be migrating to new communities. Increasingly, educators will be asked to meet the needs of students who speak languages other than English and who bring a range of cultures into classrooms and learning environments. Education students participating in study abroad programs can prepare for this reality by engaging in Global Education programs (<https://goglobal.asu.edu/>), where they can expand their notion of normal schooling and deepen their understanding of how to foster inclusive and inspiring learning environments.

**Career Opportunities:** Graduates of Mary Lou Fulton Teachers College are highly sought-after teachers in public, charter and private education institutions. The demand for well prepared secondary teachers is strong. Job opportunities in a fast growing state such as Arizona are numerous.

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

#### **Contact Information:**

Teachers College, Mary Lou Fulton

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## **Secondary Education (Mathematics), BAE (TEMATBAE)**

**Campus:** Polytechnic, Tempe, West

**Program Description:** The BAE in secondary education with a concentration in mathematics prepares students to educate learners in grades 6-12. Aligned with strong content knowledge of mathematics, this program also focuses on integrating technology into teaching and provides the professional experience necessary for developing teaching skills that lead to success in the classroom.

Mary Lou Fulton Teachers College has developed a team-based approach to teacher preparation, allowing students to participate in professional experiences (internships and teaching residencies) with a team of peers while receiving guidance and support from ASU faculty members and highly qualified certified teachers. Team-based professional experiences are designed to prepare students to work with mutually supportive colleagues to address the academic and social-emotional needs of learners. The primary goal of professional experiences is to provide students with multiple opportunities to apply knowledge learned in coursework to practice in the classroom.

Students complete a series of internships prior to a semester-long-full-time teaching residency. With the support of a certified mentor teacher and ASU faculty, students are able to practice what is learned during coursework in learning environments.

Graduates from this program earn a bachelor's degree in their content area and will receive an institutional recommendation from ASU that is recognized by the Arizona Department of Education for teacher certification in Secondary Education, 6-12. To be eligible for secondary certification in Arizona, students must also earn a passing score on the professional knowledge exam offered through the National Evaluation Series or Arizona Educator Proficiency Assessments.

**Additional Program Fee:** N

**Second Language Requirement:** N

**First Required Math Course:** MAT 270 - Calculus w/Analytic Geometry I

**Program Math Intensity:** Substantial

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TEMATBAE~null + &college=CTE>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Because of climate change, geopolitical instability or economic factors, the United Nations and other institutions predict migration is expected to increase globally for the foreseeable future. Learners will be migrating to new communities. Increasingly, educators will be asked to meet the needs of students who speak languages other than English and who bring a range of cultures into classrooms and learning environments. Education students participating in study abroad programs can prepare for this reality by engaging in Global Education programs (<https://goglobal.asu.edu/>), in which they can expand their notion of normal schooling and deepen their understanding of how to foster inclusive and inspiring learning environments.

**Career Opportunities:** Graduates of Mary Lou Fulton Teachers College are highly sought-after teachers in public, charter and private education institutions. The demand for well prepared secondary teachers is strong, particularly in the areas of math and science. Job opportunities in a fast growing state such as Arizona are numerous.

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

**Contact Information:**

Teachers College, Mary Lou Fulton

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## Secondary Education (Physical Education), BAE (ECPPEBAE)

**Campus:** Polytechnic

ASU is no longer accepting new students to this program. Students interested in teaching physical education should apply to the Physical Education BAE (<https://degrees.apps.asu.edu/bachelors/major/ASU00/TEPPEBAE/physical-education>).

**Program Description:** The BAE program in secondary education with a concentration in physical education prepares students to successfully teach quality physical education programs to learners in preK-12.

The curriculum directly aligns with national beginning teacher standards of The Society of Health and Physical Education Teachers of America (SHAPE America). Students take foundational coursework in the areas of growth and motor development, movement activities and lifelong physical fitness. The coursework covers elementary, secondary and adaptive physical education methods, including topics such as instructional design, lesson planning and modifications and accommodations for preK-12 learners. Students will build skills in cultivating a positive and productive

learning environment, assessing, monitoring and reporting progress, as well as conducting themselves as responsible and ethical professionals.

Extensive professional experiences are built into this program to prepare candidates to enter the teaching profession after graduation. Students complete internships prior to a full-time teaching residency that takes place senior year. Mary Lou Fulton Teachers College has developed a team-based approach to teacher-preparation, allowing students to participate in internships and residencies with a team of peers while receiving guidance and support from faculty members and highly qualified certified teachers. Team-based professional experiences are designed to prepare students to work with mutually supportive colleagues to address the academic and social-emotional needs of learners.

Graduates earn an institutional recommendation from ASU for Arizona teacher certification in Secondary Education, and an endorsement in physical education, preK-12, from the Arizona Department of Education. To be eligible for secondary certification in Arizona, students must receive a passing score on the professional knowledge exam offered through the National Evaluation Series or Arizona Educator Proficiency Assessments.

**Additional Program Fee:** N

**Second Language Requirement:** N

**First Required Math Course:** MAT 117 - College Algebra or MAT 142 College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

Additional Requirements: Students are admitted to the preprofessional status and must complete additional requirements for entrance to the professional status. Students should see the department website for more information.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=ECPPEBAE~null + &college=CTE>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: As health and wellness become a priority in society, future physical education teachers can enhance their degree by seeing how nutrition and exercise are experienced in different cultures around the world. Students can complete an internship overseas, study abroad for a summer, or spend academic breaks on a program in another country. Students should visit the Global Education website (<https://goglobal.asu.edu/>) to explore programs.

**Career Opportunities:** Graduates of Mary Lou Fulton Teachers College are highly sought out teachers in public, charter and private education institutions. Many graduates with degrees in physical education also work as coaches, fitness instructors or with organizations dedicated to improving health and wellness.

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

**Contact Information:**

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## Secondary Education (Physics), BAE (EDPHYBAE)

**Campus:** Polytechnic, Tempe, West

ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options.

**Program Description:** The BAE in secondary education with a concentration in physics prepares students to educate learners in grades 6-12.

Aligned with strong content knowledge of physics, this program also focuses on integrating technology into teaching and provides the professional experience needed to develop teaching skills that lead to success in the classroom.

Extensive professional experiences are built into this program to prepare students to enter the teaching profession after graduation. Graduates will complete internships prior to a full-time teaching residency. Mary Lou Fulton Teachers College has developed a distinctive approach to teacher-preparation, which includes student participation in internships and residencies while receiving guidance and support from faculty members and highly qualified certified teachers. Professional experiences are designed to prepare graduates to work with mutually supportive colleagues to address the academic and social-emotional needs of learners.

Graduates from this program earn a bachelor's degree in their content area and will receive an institutional recommendation from ASU that the Arizona Department of Education recognizes for the state's Secondary Education, 6-12 teacher certification. To be eligible for secondary certification in Arizona, students must also earn a passing score on the professional knowledge exam offered through the National Evaluation Series or Arizona Educator Proficiency Assessments.

**Additional Program Fee:** N

**Second Language Requirement:** N

**First Required Math Course:** MAT 270 - Calculus w/Analytic Geometry I

**Program Math Intensity:** Substantial

### Concurrent Program Options:

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

### Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

### Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=EDPHYBAE~null + &college=CTE>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

### Global Opportunities:

Global Experience: Science educators can experience physical sciences outside of the classroom through the hands-on experience of a study abroad program. Beyond opportunities for personal enrichment, students explore climate change, engineering, and the intersection of humanities and science, developing a valuable skill set that can give them an advantage in their education career.

Through participation in one of the more than 300 Global Education programs, (<https://goglobal.asu.edu/>) whether in a foreign country, in the U.S. or online, students are encouraged to build communication skills, challenged to adapt and persevere, and exposed to differences in education systems across the world, and they increase their ability to work with diverse groups of people.

**Career Opportunities:** Graduates of Mary Lou Fulton Teachers College are highly sought-after teachers in public, charter and private education institutions. The demand for well prepared secondary teachers is strong, particularly in the areas of math and science. Job opportunities in a fast-growing state such as Arizona are numerous.

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

### Contact Information:

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## Secondary Education (Political Science), BAE (TEPOLBAE)

**Campus:** Polytechnic, Tempe, West

ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options.

**Program Description:** The BAE in secondary education with a concentration in political science prepares students to educate learners in grades 6-12. Aligned with strong content knowledge of political science, this program also focuses on integrating technology into teaching and provides the professional experience needed to develop teaching skills that lead to success in the classroom.

Extensive professional experiences are built into this program to prepare students to enter the teaching profession after graduation. Graduates will complete internships prior to a full-time teaching residency. Mary Lou Fulton Teachers College has developed a distinctive approach to teacher-preparation, which includes student participation in internships and residencies while receiving guidance and support from faculty members and highly qualified certified teachers. Professional experiences are designed to prepare graduates to work with mutually supportive colleagues to address the academic and social-emotional needs of learners.

Graduates from this program earn a bachelor's degree in their content area and will receive an institutional recommendation from ASU that the Arizona Department of Education recognizes for the state's Secondary Education, 6-12 teacher certification. To be eligible for secondary certification in Arizona, students must also earn a passing score on the professional knowledge exam offered through the National Evaluation Series or Arizona Educator Proficiency Assessments.

**Additional Program Fee:** N

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

### Concurrent Program Options:

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

### Admission Requirements:

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

### Transfer Options:

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TEPOLBAE-null + &college=CTE>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

### Global Opportunities:

Global Experience: Future teachers of political science can experience new cultures firsthand through study abroad. Through programs around the world, students can explore borders, economics, identity, and conflict and see politics as a lived experience, all of which adds critical value to an education degree.

Students may visit ASU's study abroad website (<https://goglobal.asu.edu/>) to explore programs.

**Career Opportunities:** Graduates of Mary Lou Fulton Teachers College are highly sought-after teachers in public, charter and private education institutions. The demand for well prepared secondary teachers is strong. Job opportunities in a fast-growing state such as Arizona are numerous.

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential

licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

**Contact Information:**

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<https://education.asu.edu>  
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## Secondary Education (Spanish), BAE (TESPABAE)

**Campus:** Polytechnic, Tempe, West

ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options.

**Program Description:** The BAE in secondary education with a concentration in Spanish prepares students to educate learners in grades 6-12. Aligned with strong content knowledge of Spanish language, this program also focuses on integrating technology into teaching and provides the professional experience needed to develop the teaching skills that lead to success in the classroom.

Extensive professional experiences are built into this program to prepare students to enter the teaching profession after graduation. Graduates will complete internships prior to a full-time teaching residency. Mary Lou Fulton Teachers College has developed a distinctive approach to teacher-preparation, which includes student participation in internships and residencies while receiving guidance and support from faculty members and highly qualified certified teachers. Professional experiences are designed to prepare graduates to work with mutually supportive colleagues to address the academic and social-emotional needs of learners.

Graduates from this program earn a bachelor's degree in their content area and will receive an institutional recommendation from ASU that the Arizona Department of Education recognizes for the state's Secondary Education, 6-12 teacher certification. To be eligible for secondary certification in Arizona, students must also earn a passing score on the professional knowledge exam offered through the National Evaluation Series or Arizona Educator Proficiency Assessments.

**Additional Program Fee:** N

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TESPABAE-null + &college=CTE>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Studying abroad is vital when learning the Spanish language and culture. Future teachers of Spanish, the third most spoken language in the world, can add value to their degree through immersion programs across the Spanish-speaking world in Europe and Latin America. Students explore history and culture in English while acquiring Spanish language skills.

Available programs can be found on the Global Education website (<https://goglobal.asu.edu/>).

**Career Opportunities:** Graduates of Mary Lou Fulton Teachers College are highly sought teachers in public, charter and private education institutions. The demand for well prepared secondary teachers is strong. Job opportunities in a fast growing state such as Arizona are numerous.

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

**Contact Information:**

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## Special Education, BAE (TESPCEDBAE)

**Campus:** Tempe

**Program Description:** Special educators make a difference in the lives of children and families. They are curious about how people learn and develop throughout their lifespan. A special education degree prepares students to understand human diversity, communicate effectively and develop problem-solving skills that support their success and that of others.

The BAE program in special education prepares graduates to work with K-12 students with disabilities in inclusive settings. Teacher candidates learn to use evidence-based practices that promote students' success with general education content, including high leverage practices in literacy, math, sciences and social studies. They develop adaptive techniques for students with disabilities and learn to use instructional and assistive technologies to facilitate success.

Students participate in professional experiences designed to expose them to numerous ways of teaching and learning. These internships and residencies are embedded during the junior and senior years to provide teacher candidates with multiple opportunities to work directly with children and youth. With the support of a certified lead teacher and an ASU faculty member called a site lead, students in learning environments are able to practice what is learned during coursework.

Program graduates are eligible for the Standard Professional Mild/Moderate Disabilities Special Education Certificate - Grades K-12. Those desiring to teach in a public school in Arizona must pass the appropriate Arizona educator exams: National Evaluation Series or Arizona Educator Proficiency Assessments.

**Format option**

This program is also offered via ASU Sync (<https://education.asu.edu/degree-programs/undergraduate-programs/asu-sync-statewide>). ASU Sync enables students to attend live classes remotely via Zoom. Classes are designed to foster active collaboration and discussion in real-time with faculty and peers. ASU Sync students need to reside in Arizona throughout the duration of the program. Students on I-20 visas are not permitted to complete courses via ASU Sync and should speak with an advisor about other options for completing this program.

Students seeking to use GI Bill® benefits for ASU Sync programs should contact the Pat Tillman Veterans Center regarding certain limitations.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs. More information about education benefits offered by VA is available on the official U.S. government website at <https://www.benefits.va.gov/gibill> (<https://www.benefits.va.gov/gibill/>).

**Additional Program Fee:** N

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Additional Requirements:** The ASU Sync option is only available to transfer students residing in Arizona due to state regulations and student teaching placement requirements. Students should have a completed associate degree or will have completed an associate degree by the time they are enrolled at ASU. Students on I-20 visas are not allowed to complete courses via Sync.

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors. Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

#### **Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® ([https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TESPCEDBAE-null+ &college=CTE](https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TESPCEDBAE-null+&college=CTE)) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

#### **Global Opportunities:**

**Global Experience:** Because of climate change, geopolitical instability or economic factors, the United Nations and other institutions predict that migration is expected to increase globally for the foreseeable future. Learners will be migrating to new communities. Increasingly, educators will be asked to meet the needs of students who speak languages other than English and bring a range of cultures into classrooms and learning environments. Education students participating in study abroad programs can prepare for this reality by engaging in Global Education programs (<https://goglobal.asu.edu/>), where they can expand their notion of normal schooling and deepen their understanding of how to foster inclusive and inspiring learning environments.

**Career Opportunities:** The Bachelor of Arts education in special education leads to teacher certification in order to support a critical market demand for special education teachers in Arizona and beyond. Graduates are poised to find employment in any career that supports learners with disabilities. This includes careers with community- and youth-serving organizations, higher education institutions and health-related organizations.

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

#### **Contact Information:**

Teachers College, Mary Lou Fulton  
Division of Teacher Preparation  
<https://education.asu.edu/>  
ED 118  
[educationadvising@asu.edu](mailto:educationadvising@asu.edu)  
480-965-5555

## **Special Education (Visual Impairment), BAE (TESPEVIBAE)**

**Campus:** Tempe

**Program Description:** The BAE program in special education with a concentration in visual impairment provides a strong foundation in evidence-based, high-leverage practices in special education. The visual impairment concentration focuses on diagnostic assessment, orientation and communication skills, and specific teaching methodologies for students with visual impairments. It includes a strong focus on assistive technology to advance learning in the classroom and in daily life.

Students are taught to collaborate with parents, classroom teachers and related service personnel to meet the needs of learners with visual impairments. The curriculum is aligned with Arizona and national standards consistent with the Council for Exceptional Children.

Starting in the fifth term, the program is delivered in partnership with the Foundation for Blind Children in Phoenix, Arizona. Courses are taught by FBC faculty associates and full-time ASU faculty to provide candidates with theoretical and practical perspectives on teaching and learning for individuals with visual impairments.

Some professional experiences take place at the Foundation for Blind Children and within a local school district, providing experiences that prepare students to teach in both self-contained and inclusive settings.

Graduates earn an institutional recommendation from ASU for Arizona teacher certification in Visually Impaired Special Education, birth-grade 12 and an endorsement in Structured English Immersion, preK-12. Certifications and endorsements are issued by the Arizona Department of Education. In order to teach in an Arizona public school, graduates must pass the appropriate professional knowledge or subject knowledge educator exams: National Evaluation Series or Arizona Educator Proficiency Assessments.



**Additional Program Fee:** N

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics OR MAT 117 College Algebra

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** A current ASU student has no additional requirements for changing majors.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TESPEVIBAE~null + &college=CTE>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Because of climate change, geopolitical instability or economic factors, the United Nations and other institutions predict that migration is expected to increase globally for the foreseeable future. Learners will be migrating to new communities. Increasingly, educators will be asked to meet the needs of students who speak languages other than English and bring a range of cultures into classrooms and learning environments. Education students participating in study abroad programs can prepare for this reality by engaging in Global Education programs (<https://goglobal.asu.edu/>), where they can expand their notion of normal schooling and deepen their understanding of how to foster inclusive and inspiring learning environments.

**Career Opportunities:** Graduates of Mary Lou Fulton Teachers College are highly sought-after teachers in public, charter and private education institutions. Graduates with this special education degree can teach the visually impaired in a variety of special education settings such as resource rooms, self-contained classrooms and they can co-teach with general educators.

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

**Contact Information:**

Teachers College, Mary Lou Fulton

Division of Teacher Preparation

<https://education.asu.edu/>

ED 118

ASUeducation@asu.edu

480-965-9995

## Special Education and Elementary Education, BAE (TESPEBAE)

**Campus:** Polytechnic, Tempe, West, ASU at Northeastern Arizona, ASU at The Gila Valley, ASU at Yuma

ASU is no longer accepting new students to this program. Individuals interested in a degree in special education should apply to the Special Education, BAE (<https://degrees.apps.asu.edu/bachelors/major/ASU00/TESPCEDBAE/special-education>) or the Mild/Moderate Special Education certificate (<https://degrees.apps.asu.edu/minors/major/ASU00/TEMSPECERT/mild-moderate-special-education>). Individuals interested in a degree in elementary education should apply to the Elementary Education, BAE (<https://degrees.apps.asu.edu/bachelors/major/ASU00/TEEEDBAE/elementary-education>) or the Elementary Education certificate (<https://degrees.apps.asu.edu/minors/major/ASU00/TEEEDCERT/elementary-education>).

**Program Description:** The BAE program in special education and elementary education prepares students to work with all learners in inclusive

settings.

Since the general education classroom is a viable placement option for many students with mild and moderate learning and behavioral disabilities, students in this program learn to use evidence-based practices that promote success with general education content, including high leverage practices in literacy, math, sciences and social studies. They develop adaptive techniques for learners with disabilities and use instructional and assistive technologies to facilitate success in the general education curriculum.

Extensive professional experiences are built into this program to prepare students to enter the teaching profession after graduation. Graduates will complete internships prior to a full-time teaching residency. Mary Lou Fulton Teachers College has developed a distinctive approach to teacher-preparation, which includes student participation in internships and residencies while receiving guidance and support from faculty members and highly qualified certified teachers. Professional experiences are designed to prepare graduates to work with mutually supportive colleagues to address the academic and social-emotional needs of learners.

Graduates earn an institutional recommendation from ASU for Arizona teacher certification in Mild/Moderate Disabilities Special Education, K-12, Elementary Education, K-8, and an endorsement in Structured English Immersion, preK-12, through the Arizona Department of Education. In order to teach in an Arizona public school, graduates must pass the appropriate professional knowledge or subject knowledge educator exams: National Evaluation Series or Arizona Educator Proficiency Assessments.

Format option: Transfer students who live in Arizona and outside of Maricopa County may be eligible to take regularly scheduled classes remotely via ASU Sync. Students can learn more on the college's website (<https://education.asu.edu/degree-programs/undergraduate-programs/asu-sync-statewide>).

**Additional Program Fee:** N

**Second Language Requirement:** N

**First Required Math Course:** MAT 142 - College Mathematics OR MAT 117 College Algebra

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=TESPEBAE-null + &college=CTE>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Future educators must learn to create inclusive and inspiring learning environments, and they can do this by expanding their horizons through study abroad. They can explore how schooling works in countries that are leaders in education, conduct comparative research, and make a difference in a community by volunteering at schools and engaging in local educational programs through service-learning opportunities. Students may visit ASU's study abroad website (<https://goglobal.asu.edu/>) to explore programs.

**Career Opportunities:** Graduates of the program are eligible to teach in elementary education grades K-8 and K-12 for the following high-incidence disabilities:

- emotional disorders
- intellectual disabilities (mild or moderate)
- other health impairments
- orthopedic impairments
- specific learning disabilities

They can teach in a variety of inclusive educational settings, including public, charter and private schools as well as nontraditional settings (juvenile system, children's hospital and more).

**Professional Licensure:** ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the ASU professional licensure (<https://admission.asu.edu/academics/licensure>) webpage.

**Contact Information:**

Teachers College, Mary Lou Fulton  
Division of Teacher Preparation  
<https://education.asu.edu/>  
ED 118  
ASUeducation@asu.edu  
480-965-5555

## University College

### Exploratory Health and Life Sciences, (UCHSCIEXPL)

**Campus:** Downtown Phoenix, Polytechnic, Tempe, ASU at Lake Havasu, Online

**Program Description:** The exploratory health and life sciences track offers students an opportunity to explore a variety of majors related to health and life science.

ASU recognizes that many students are not ready to choose a specific academic program of study when first entering the university. Allowing students the option to declare exploratory status permits them to begin meeting General Studies requirements that all ASU graduates must fulfill while affording them some time to explore a variety of academic courses that may lead to a potential major interest.

All University College exploratory students are required to enroll in the following major and career exploration courses:

ASU 230 Life by Design  
UNI 250 ASU by Design: Choosing a Major  
UNI 270 Work by Design: Preparing for a Career

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** Math courses needed are determined by potential major choice.

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** Students who have completed fewer than 45 college credit hours may change to exploratory status.

Details for declaring an exploratory major are available on the University College (<https://universitycollege.asu.edu/explore/advising>) website. Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/exploratory-health-life-sciences/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=UCHSCIEXP~null + &college=CUC>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Exploring health and life sciences on the global scale can be beneficial to students in narrowing down their focus of study. While taking courses abroad, students are able learn more about themselves and what career path they want to pursue.

Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs. More information is available on the Global Education Office (<https://goglobal.asu.edu/>) website.

**Career Opportunities:** Career opportunities are specific to the ultimate major of choice.

**Contact Information:**

University College  
Dean, University College  
<https://universitycollege.asu.edu/explore/advising>  
INTDSB 256  
[exploratory@asu.edu](mailto:exploratory@asu.edu)  
480-965-9256

## Exploratory Humanities, Fine Arts and Design, (UCHUFAEXPL)

**Campus:** Downtown Phoenix, Polytechnic, Tempe, Online

**Program Description:** The exploratory humanities, fine arts and design track offers students an opportunity to explore a variety of majors related to the humanities, fine arts and design.

ASU recognizes that many students are not ready to choose a specific academic program of study when first entering the university. Allowing students the option to declare exploratory status permits them to begin meeting General Studies requirements that all ASU graduates must fulfill while affording them some time to explore a variety of academic courses that may lead to a potential major interest.

All University College exploratory students are required to enroll in the following major and career exploration courses:

ASU 230 Life by Design  
UNI 250 ASU by Design: Choosing a Major  
UNI 270 Work by Design: Preparing for a Career

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** Math courses needed are determined by potential major choice.

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:  
All students are required to meet general university admission requirements.  
Freshman (<https://admission.asu.edu/freshman/apply>)  
Transfer (<https://admission.asu.edu/transfer/apply>)  
International (<https://admission.asu.edu/international/undergrad-apply>)  
Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** Students who have completed fewer than 45 college credit hours may change to exploratory status.

Details for declaring an exploratory major is available on the University College (<https://universitycollege.asu.edu/explore/advising>) website. Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/exploratory-humanities-arts-design/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=UCHUFAEXPL~null + &college=CUC>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Exploring humanities on the global scale can be beneficial to students, helping them to narrow down their focus of study. While taking courses abroad, students are able learn more about themselves and what career path they want to pursue.

Students earn ASU credit for completed courses, while gaining a global perspective applicable to many careers, and they may apply financial aid and scholarships toward program costs. More information on available programs can be found on the Global Education Office (<https://goglobal.asu.edu/>) website.

**Career Opportunities:** Career opportunities are specific to the ultimate major of choice.

**Contact Information:**

University College  
Dean, University College  
<https://universitycollege.asu.edu/explore/advising>  
INTDSB 256  
[exploratory@asu.edu](mailto:exploratory@asu.edu)  
480-965-9256

## Exploratory Math, Physical Sciences, Engineering and Technology, (UCEMTPEXPL)

**Campus:** Downtown Phoenix, Polytechnic, Tempe, Online

**Program Description:** The exploratory mathematics, physical sciences, engineering and technology track offers students an opportunity to explore a variety of majors related to the mathematics, physical sciences, engineering and technology.

ASU recognizes that many students are not ready to choose a specific academic program of study when first entering the university. Allowing students the option to declare exploratory status permits them to begin meeting General Studies requirements that all ASU graduates must fulfill while taking some time to explore a variety of academic courses that may lead to a potential major interest.

All University College exploratory students are required to enroll in the following major and career exploration courses:

ASU 230 Life by Design  
UNI 250 ASU by Design: Choosing a Major  
UNI 270 Work by Design: Preparing for a Career

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** Math courses needed will be determined by potential major choice.

**Program Math Intensity:** Moderate

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** Students who have completed fewer than 45 college credit hours may change to exploratory status.

Details for declaring an exploratory major is available on the University College (<https://universitycollege.asu.edu/explore/advising>) website.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/exploratory-math-science-engineering-technology/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=UCEMTPEXPL-null + &college=CUC>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Exploring math, physics, engineering and technology on the global scale can be beneficial in helping students to narrow down their focus of study. While taking courses abroad, students are able learn more about themselves and what career path they want to pursue.

Students earn ASU credit for completed courses, while gaining a global perspective applicable to many careers, and they may apply financial aid and scholarships toward program costs. More information is available on the Global Education Office (<https://goglobal.asu.edu/>) website.

**Career Opportunities:** Career opportunities are specific to the ultimate major of choice.

**Contact Information:**

University College

Dean, University College

<https://universitycollege.asu.edu/explore/advising>

INTDSB 256

[exploratory@asu.edu](mailto:exploratory@asu.edu)

480-965-9256

## Exploratory Social and Behavioral Sciences, (UCSBSEXPL)

**Campus:** Downtown Phoenix, Polytechnic, Tempe, ASU at Lake Havasu, Online

**Program Description:** The exploratory social and behavioral sciences track offers students the opportunity to explore a variety of majors related to the social and behavioral sciences, such as psychology, history, education, journalism and business.

ASU recognizes that many students are not ready to choose a specific academic program of study when first entering the university. Allowing students the option to declare exploratory status permits students to begin meeting General Studies requirements that all ASU graduates must fulfill while taking some time to explore a variety of academic courses that may lead to a potential major interest.

All University College exploratory students are required to enroll in the following major and career exploration courses:

ASU 230 Life by Design

UNI 250 ASU by Design: Choosing a Major

UNI 270 Work by Design: Preparing for a Career

**Additional Program Fee:** Y

**Second Language Requirement:** N

**First Required Math Course:** Math courses needed are determined by potential major choice.

**Program Math Intensity:** General

**Concurrent Program Options:**

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

**Admission Requirements:**

General University Admission Requirements:

All students are required to meet general university admission requirements.

Freshman (<https://admission.asu.edu/freshman/apply>)

Transfer (<https://admission.asu.edu/transfer/apply>)

International (<https://admission.asu.edu/international/undergrad-apply>)

Readmission (<https://admission.asu.edu/undergrad/readmission>)

**Change of Major Requirements:** Students who have completed fewer than 45 college credit hours may change to exploratory status.

Details for declaring an exploratory major are available on the University College (<https://universitycollege.asu.edu/explore/advising>) website.

Students should visit the Change of Major form (<https://changemajor.apps.asu.edu>) for information about how to change a major to this program.

**Attend Online:**

ASU Online: ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program's ASU Online page (<https://asuonline.asu.edu/online-degree-programs/undergraduate/exploratory-social-behavioral-sciences/>) for program descriptions and to request more information.

ASU Local: It is now possible to earn an ASU degree with ASU Local (<https://asulocal.asu.edu>), an integrated college experience in which students take advantage of in-person success coaching and programming experiences on site while completing one of 130+ undergraduate online degree programs, all of which come with online faculty interaction and tutoring support.

**Transfer Options:**

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use MyPath2ASU® (<https://webapp4.asu.edu/transfercreditguide/app/transfermap?major=UCSBSEXPL-null + &college=CUC>) to outline a list of recommended courses to take prior to transfer.

ASU has transfer partnerships (<https://admission.asu.edu/transfer/MyPath2ASU>) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

**Global Opportunities:**

Global Experience: Exploring social and behavioral sciences on the global scale can be beneficial to students narrowing down their focus of study. While taking courses abroad, students are able learn more about themselves and what career path they want to pursue.

Students earn ASU credit for completed courses, while gaining a global perspective applicable to many careers, and they may apply financial aid and scholarships toward program costs. More information is available on the Global Education (<https://goglobal.asu.edu/>) website.

**Career Opportunities:** Career opportunities are specific to the ultimate major of choice.

**Contact Information:**

University College

Dean, University College

<https://universitycollege.asu.edu/explore/advising>

INTDSB 256

[exploratory@asu.edu](mailto:exploratory@asu.edu)

480-965-9256

## Prelaw (LALAWPRE)

**Campus:** Downtown Phoenix, Polytechnic, Tempe, West

**Program Description:**

The prelaw program at Arizona State University is not a degree program. There is no single major that prepares students for becoming a lawyer and there are no specific courses required for law school. Rather, students are encouraged to take a variety of courses --- classes that challenge students intellectually through heavy amounts of reading, writing, critical thinking and analysis. It is also recommended that students engage with more practical experiences in fields related to law (e.g., through internships, job shadowing and so forth).

Challenging courses and real-world experiences, in conjunction with the requirements for a student's major, constitute a prelaw program that prepares students for the next steps in pursuing a career in the legal field.

**Additional Program Fee:** No

**Second Language Requirement:** No

**First Required Math Course:**

**Math Intensity:**

**Contact Information:**

<https://prelaw.asu.edu/>



## 2023 - 2024 Major Map

### Accountancy, BS







School/College: W. P. Carey School of Business

Location: Tempe, West

BAACCBS

### **FT** Fast Track Options: 3 Year

A student must speak with an advisor in order to be added to a fast track plan.

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 WPC 101: Student Success in Business	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement.</li> <li>Join a student <b>club or organization</b>.</li> <li>Create your first college <b>resume</b>.</li> </ul>
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 210: Brief Calculus (MA)	3	C	
SOC course (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	16		
<b>Term 2 16 - 31.25 Credit Hours <b>Critical course signified by</b> </b>	<b>Hours</b>	<b>Minimum Grade</b>	
ECN 211: Macroeconomic Principles (SB)	3	C	<ul style="list-style-type: none"> <li>WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and instead will complete three hours of elective credit.</li> <li>Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your <b>academic advisor</b> for more information and options.</li> <li>Explore student <b>leadership opportunities</b> in W. P. Carey.</li> <li>Research <b>study abroad opportunities</b> recommended for your major.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 211: Mathematics for Business Analysis	3	C	
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
PSY course (SB)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15.25		
<b>Term 3 31.25 - 47.50 Credit Hours <b>Critical course signified by</b> </b>	<b>Hours</b>	<b>Minimum Grade</b>	<b>Notes</b>
ACC 232: Financial Accounting I OR ACC 231: Uses of Accounting Information I	3	C	<ul style="list-style-type: none"> <li>ACC 232 is the recommended ACC course for Accountancy students.</li> </ul>

COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3	
ECN 212: Microeconomic Principles (SB)	3	C
ECN 221: Business Statistics (CS)	3	C
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C
Natural Science - Quantitative (SQ)	4	
❗ Complete Mathematics (MA) requirement.		
Term hours subtotal:	16.25	

- Continuing first-year students will take WPC 248, after completing WPC 148.
- New transfer students will take WPC 347.
- Explore [career resources](#).
- Develop your [professional online presence](#).
- Meet with your [W. P. Carey Career Coach](#).
- Attend [W. P. Carey](#) and [ASU Career Fairs](#).

Term 4 47.50 - 62.50 Credit Hours <b>Critical course signified by</b> ❗	Hours	Minimum Grade	Notes
ACC 242: Managerial Accounting I OR ACC 241: Uses of Accounting Information II	3	C	<ul style="list-style-type: none"> <li>• ACC 242 is the recommended ACC course for Accountancy students.</li> <li>• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your <a href="#">academic advisor</a> for more information and options.</li> <li>• Attend <a href="#">W. P. Carey</a> and <a href="#">ASU</a> career fairs.</li> <li>• Apply for <a href="#">internships</a> or <a href="#">create one</a>.</li> </ul>
Cultural Diversity in the U.S. (C)	3		
Humanities, Arts and Design (HU)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	2		
❗ Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15		



Term 5 62.50 - 77.75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ ACC 340: External Reporting I	3	C	<ul style="list-style-type: none"> <li>• Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.</li> <li>• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your <a href="#">academic advisor</a> for more information and options.</li> <li>• Meet with your <a href="#">W. P. Carey Career Coach</a>.</li> <li>• Update your <a href="#">resume</a>.</li> </ul>
★ FIN 300: Fundamentals of Finance	3	C	
ACC 330: Data Analytics in Accounting	3	C	
ENG 302: Business Writing (L)	3		
MKT 300: Marketing and Business Performance	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
Term hours subtotal:	15.25		

Term 6 77.75 - 92.75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
ACC 350: Internal Reporting	3	C	<ul style="list-style-type: none"> <li>• Complete <a href="#">informational interviews</a></li> <li>• Complete an in person or virtual practice interview with your <a href="#">W. P. Carey Career Coach</a></li> <li>• All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 480</li> </ul>
ACC 440: External Reporting II	3	C	
LES 305: Business Law and Ethics for Managers	3	C	
SCM 300: Global Supply Operations	3	C	
Upper Division International Business Course AND Global Awareness (G)	3	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 92.75 - 107.75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
ACC 430: Taxes and Business Decisions	3	C	<ul style="list-style-type: none"> <li>• Attend <a href="#">W. P. Carey</a> and <a href="#">ASU Career Fairs</a></li> </ul>
CIS 360: Business Database Concepts	3	C	

MGT 300: Principles of Management and Leadership	3	C
WPC 300: Problem Solving and Actionable Analytics	3	C
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3	
Complete FIN 300 AND LES 305 AND MGT 300 AND International Business Course (G) AND MKT 300 AND SCM 300 AND WPC 300 course(s).		
Term hours subtotal:		15

- Gather professional references
- Update your resume
- Apply for full-time career opportunities

Term 8 107.75 - 120.00 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
 WPC 480: W. P. Carey Capstone Course (L)	3	C	<ul style="list-style-type: none"> <li>• ACC 460 is the recommended elective for Accountancy students.</li> <li>• Apply for full-time career opportunities.</li> <li>• Meet with your academic advisor to discuss your internship course options.</li> </ul>
ACC 444: Enterprise Process Analysis and Design	3	C	
ACC 450: Principles of Auditing	3	C	
WPC 448: Senior Career Transition Management	0.25	C	
Elective OR WPC 484: Internship	3		
Term hours subtotal:		12.25	

Hide Course List(s)/Track Group(s)

Upper Division International Business Course - select one
AGB 302: International Management and Agribusiness (G)
ECN 306: Survey of International Economics (SB & G)
MGT 302: Principles of International Business (G)
MKT 425: Global Marketing Management (G)
SCM 463: Global Supply Chain Management (G)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120  
**Upper Division Hours:** 50 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.






## 2023 - 2024 Major Map

### Accountancy, BS

School/College: [W. P. Carey School of Business](#)



Location: [Online ASU Local](#)

BAACCB5



Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 WPC 101: Student Success in Business	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement</li> <li>Create your first college <b>resume</b></li> </ul>
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Term hours subtotal:	7		
Term 1 - B 7 - 16 Credit Hours	Hours	Minimum Grade	Notes
MAT 210: Brief Calculus (MA)	3	C	<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> <li>Join a student <b>club or organization</b>.</li> </ul>
SOC course (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	9		
Term 2 - A 16 - 22.25 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR			<ul style="list-style-type: none"> <li>Join the W. P. Carey <b>mentorship programs</b></li> <li>Research <b>study abroad opportunities</b> recommended for your major</li> </ul>
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
MAT 211: Mathematics for Business Analysis	3	C	
WPC 148: First-Year Introduction to Career Development	0.25	C	
Term hours subtotal:	6.25		
Term 2 - B 22.25 - 31.25 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ECN 211: Macroeconomic Principles (SB)	3	C	<ul style="list-style-type: none"> <li>WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and instead will complete three hours of elective credit.</li> </ul>
WPC 150: Business and Society	3	C	
PSY course (SB)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	9		
Term 3 - A 31.25 - 40.25 Credit Hours	Hours	Minimum Grade	Notes




ACC 232: Financial Accounting I OR ACC 231: Uses of Accounting Information I	3	C
COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3	
ECN 212: Microeconomic Principles (SB)	3	C
Term hours subtotal:	9	

- ACC 232 is the recommended ACC course for Accountancy students
- Explore [career resources](#)
- Meet with your [W. P. Carey Career Coach](#)
- Attend [W. P. Carey](#) and [ASU Career Fairs](#)

Term 3 - B 40.25 - 46.50 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ACC 242: Managerial Accounting I OR ACC 241: Uses of Accounting Information II	3	C	<ul style="list-style-type: none"> <li>• ACC 242 is the recommended ACC course for Accountancy students</li> <li>• Continuing first-year students will take WPC 248, after completing WPC 148</li> <li>• New transfer students will take WPC 347</li> <li>• Develop your <a href="#">professional online presence</a></li> </ul>
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C	
Cultural Diversity in the U.S. (C)	3		
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	6.25		

Term 4 - A 46.50 - 55.50 Credit Hours	Hours	Minimum Grade	Notes
ECN 221: Business Statistics (CS)	3	C	<ul style="list-style-type: none"> <li>• Attend <a href="#">W. P. Carey</a> and <a href="#">ASU Career Fairs</a></li> <li>• Apply for <a href="#">internships</a> or <a href="#">create one</a></li> </ul>
Natural Science - Quantitative (SQ)	4		
Elective	2		
Term hours subtotal:	9		

Term 4 - B 55.50 - 62.50 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
Humanities, Arts and Design (HU)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	7		

Term 5 - A 62.50 - 71.75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 ACC 340: External Reporting I	3	C	<ul style="list-style-type: none"> <li>• Students pursuing concurrent degrees within <a href="#">W. P. Carey</a> cannot share coursework in the major. Major coursework must be unique to each degree program.</li> <li>• Meet with your <a href="#">W. P. Carey Career Coach</a>.</li> <li>• Update your <a href="#">resume</a>.</li> </ul>
 FIN 300: Fundamentals of Finance	3	C	
MKT 300: Marketing and Business Performance	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
Term hours subtotal:	9.25		

Term 5 - B 71.75 - 77.75 Credit Hours	Hours	Minimum Grade	Notes
ACC 330: Data Analytics in Accounting	3	C	
LES 305: Business Law and Ethics for Managers	3	C	
Term hours subtotal:	6		

Term 6 - A 77.75 - 83.75 Credit Hours	Hours	Minimum Grade	Notes
ACC 440: External Reporting II	3	C	<ul style="list-style-type: none"> <li>• Complete <a href="#">informational interviews</a></li> </ul>
ENG 302: Business Writing (L)	3		

Term hours subtotal: 6

<b>Term 6 - B 83.75 - 92.75 Credit Hours Necessary course signified by</b> ★	<b>Hours</b>	<b>Minimum Grade</b>	<b>Notes</b>
ACC 350: Internal Reporting	3	C	<ul style="list-style-type: none"> <li>• Complete an in person or virtual practice interview with your <b>W. P. Carey Career Coach</b></li> </ul>
CIS 360: Business Database Concepts	3	C	
Upper Division International Business Course AND Global Awareness (G)	3	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:		9	

<b>Term 7 - A 92.75 - 98.75 Credit Hours</b>	<b>Hours</b>	<b>Minimum Grade</b>	<b>Notes</b>
SCM 300: Global Supply Operations	3	C	<ul style="list-style-type: none"> <li>• Attend <b>W. P. Carey</b> and ASU Career Fairs</li> </ul>
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:		6	

<b>Term 7 - B 98.75 - 107.75 Credit Hours Necessary course signified by</b> ★	<b>Hours</b>	<b>Minimum Grade</b>	<b>Notes</b>
ACC 430: Taxes and Business Decisions	3	C	<ul style="list-style-type: none"> <li>• Gather <b>professional references</b></li> <li>• Update your <b>resume</b></li> </ul>
MGT 300: Principles of Management and Leadership	3	C	
WPC 300: Problem Solving and Actionable Analytics	3	C	
★ Complete FIN 300 AND LES 305 AND MGT 300 AND International Business Course (G) AND MKT 300 AND SCM 300 AND WPC 300 course(s).			
Term hours subtotal:		9	

<b>Term 8 - A 107.75 - 114.00 Credit Hours</b>	<b>Hours</b>	<b>Minimum Grade</b>	<b>Notes</b>
ACC 444: Enterprise Process Analysis and Design	3	C	<ul style="list-style-type: none"> <li>• ACC 460 is the recommended elective for Accountancy students</li> <li>• Apply for <b>full-time career opportunities</b></li> </ul>
WPC 448: Senior Career Transition Management	0.25	C	
Elective OR WPC 484: Internship	3		
Term hours subtotal:		6.25	

<b>Term 8 - B 114.00 - 120.00 Credit Hours Necessary course signified by</b> ★	<b>Hours</b>	<b>Minimum Grade</b>	<b>Notes</b>
ACC 450: Principles of Auditing	3	C	
★ WPC 480: W. P. Carey Capstone Course (L)	3	C	
Term hours subtotal:		6	

Hide Course List(s)/Track Group(s)

- Upper Division International Business Course - select one
- AGB 302: International Management and Agribusiness (G)
- ECN 306: Survey of International Economics (SB & G)

MGT 302: Principles of International Business  
(G)

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MKT 425: Global Marketing Management (G)

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SCM 463: Global Supply Chain Management  
(G)

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**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.









## 2023 - 2024 Major Map

### Applied Business and Technology Solutions, BA

School/College: W. P. Carey School of Business

Location: Polytechnic, West

BAAPBTSBA

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 WPC 101: Student Success in Business	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey course that meets this requirement. See academic advisor for appropriate Student Success course requirement if not a first-time student.</li> <li>Join a student <b>club or organization</b>.</li> <li>Create your first <b>college resume</b>.</li> </ul>
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117: College Algebra (MA)	3	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	16		
Term 2 16 - 30.25 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ECN 211: Macroeconomic Principles (SB)	3	C	<ul style="list-style-type: none"> <li>Explore student <b>leadership opportunities</b> in W. P. Carey.</li> <li>Research <b>study abroad opportunities</b> recommended for your major.</li> <li>The Digital Business Innovation track requires a higher level math course. Students interested in this track are recommended to take MAT 210, 211, 270, or 271 in place of an elective in Term 2.</li> <li>Students with internship or apprenticeship may use WPC 484 in place of electives. A max of 12 credits total can be earned through WPC 484 (three credits per term/class).</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
WPC 148: First-Year Introduction to Career Development	0.25	C	
Natural Science - Quantitative (SQ)	4		
Complete 2 courses: Elective	4		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	14.25		
Term 3 30.25 - 46.50 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ECN 212: Microeconomic Principles (SB)	3	C	<ul style="list-style-type: none"> <li>Continuing first-year students take WPC 248, after completing WPC 148. Transfer students take WPC 347.</li> <li>Explore <b>career resources</b>.</li> <li>Develop your <b>professional online presence</b>.</li> <li>Meet with your <b>W. P. Carey Career Coach</b>.</li> </ul>
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C	
Literacy and Critical Inquiry (L)	3		

Natural Science - Quantitative (SQ) OR Natural Science - General (SG) 4

- Attend **W. P. Carey** and **ASU** Career Fairs.

Complete 2 courses:  
Elective 6

⚠ Complete Mathematics (MA) requirement.

Term hours subtotal: 16.25

Term 4 46.50 - 61.50 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
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ECN 221: Business Statistics (CS)	3	C	<ul style="list-style-type: none"> <li>• Students select two specializations from the lists at the bottom of the major map and complete four courses from each. See lists for the locations courses are offered, requirements and options.</li> <li>• Attend <b>W. P. Carey</b> and <b>ASU</b> career fairs.</li> <li>• Apply for <b>internships</b> or <b>create</b> one.</li> <li>• Students with an internship or apprenticeship may use WPC 484 in place of electives. A max of 12 credits total can be earned through WPC 484 (three credits per term/class).</li> </ul>
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MGT 380: Management and Strategy	3	C
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Specialization #1 Course	3	C
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Complete 2 courses:	6	
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Elective	6	
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⚠ Minimum 2.00 GPA ASU Cumulative.

Term hours subtotal: 15

Term 5 61.50 - 76.75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
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CIS 308: Advanced Excel in Business	3	C	<ul style="list-style-type: none"> <li>• Students select two specializations from the lists at the bottom of the major map and complete four courses from each. See lists for the locations courses are offered, requirements and options.</li> <li>• Meet with your <b>W. P. Carey Career Coach</b>.</li> <li>• Update your <b>resume</b>.</li> </ul>
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ENG 302: Business Writing (L)	3	C
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MKT 390: Essentials of Marketing	3	C
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WPC 348: Junior Networking Foundations	0.25	C
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Upper Division Specialization #1 Course	3	C
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Specialization #2 Course	3	C
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★ Minimum 2.00 GPA ASU Cumulative.

Term hours subtotal: 15.25

Term 6 76.75 - 91.75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
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ACC 382: Accounting and Financial Analysis	3	C	<ul style="list-style-type: none"> <li>• Students select two specializations from the lists at the bottom of the major map and complete four courses from each. See lists for the locations courses are offered, requirements and options.</li> <li>• Complete <b>informational interviews</b>.</li> <li>• Complete an in person or virtual practice interview with your <b>W. P. Carey Career Coach</b>.</li> </ul>
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AGB 302: International Management and Agribusiness (G) OR MGT 302: Principles of International Business (G)	3	C
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CIS 309: Business Process Management	3	C
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Upper Division Specialization #1 Course	3	C
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Upper Division Specialization #2 Course	3	C
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★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

★ Minimum 2.00 GPA ASU Cumulative.

Term hours subtotal: 15

Term 7 91.75 - 107.00 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
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★ Upper Division Specialization #2 Course	3	C	<ul style="list-style-type: none"> <li>• Students select two specializations from the lists at the bottom of the major map and</li> </ul>
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CIS 310: Business Data Visualization	3	C
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FIN 380: Personal Financial Management	3	C
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SCM 380: Supply Chain Management Foundations	3	C
WPC 448: Senior Career Transition Management	0.25	C
Elective OR WPC 484: Internship	3	
★ Minimum 2.00 GPA ASU Cumulative.		
Term hours subtotal:	15.25	

complete four courses from each. See lists for the locations courses are offered, requirements and options.

- All Upper Division Business Foundation classes (ACC 382, FIN 380, MKT 390, MGT 380, SCM 380, and AGB 302 or MGT 302) must be completed before enrolling in WPC 460.
- Attend **W. P. Carey** and **ASU** Career Fairs.
- Gather **professional references**.
- Update your **resume**.
- Students with an internship or apprenticeship may use WPC 484 in place of electives. A max of 12 credits total can be earned through WPC 484 (three credits per term/class).

Term 8 107.00 - 120.00 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
★ WPC 460: Business Capstone	1	C	<ul style="list-style-type: none"> <li>• Students select two specializations from the lists at the bottom of the major map and complete four courses from each. See lists for the locations courses are offered, requirements and options.</li> <li>• Apply for <b>full-time career opportunities</b>.</li> </ul>
CIS 405: Business Intelligence	3	C	
Upper Division Specialization #1 Course	3	C	
Upper Division Specialization #2 Course	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
★ Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	13		

- Students select two specializations from the lists at the bottom of the major map and complete four courses from each. See lists for the locations courses are offered, requirements and options.
- If students select the Interdisciplinary Business Studies Specialization track, unique courses must be taken for their second track choice.

Hide Course List(s)/Track Group(s)

Communication Specialization (choose four courses) - offered at West	Digital Business Innovation Specialization (complete four courses) - offered as iCourses	Diversity and Equity Studies Specialization (choose four courses) - offered at West
COM 100: Introduction to Human Communication (SB)	CIS 235: Introduction to Information Systems	DST 101: Introduction to Disability Studies (C)
COM 312: Communication, Conflict, and Negotiation	CIS 300: Web Design and Development	DST 494: Disability and Aesthetics
COM 316: Gender and Communication (SB & C)	CIS 311: Business Agile Project Management	ENG 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C)
COM 430: Leadership in Group Communication	CIS 312: Business Mobile Commerce and Monetization	ETH 430: Gender on the Borderlands (SB & G)
ENG 311: Persuasive Writing (L)		SOC 426: Social Inequalities (SB)
Food and Agribusiness Innovation Specialization (choose four courses) - offered at Poly	Food Industry Management Specialization (choose four courses) - offered as iCourses	Global Management Specialization (one required course, choose three courses) - offered at West

AGB 100: Introduction to Agribusiness	AGB 250: Economics of Resource Allocation: Food and Agriculture	<b>Required course:</b>
AGB 321: Agribusiness Marketing	AGB 370: Food Retailing Strategy Development and Case Competition	TGM 101: Principles of Global Management (G)
AGB 333: Agribusiness Finance	AGB 420: Food Advertising and Promotion	<b>Choose three courses:</b>
AGB 366: Food System Technology Innovations	AGB 425: Food Supply Networks	TGM 312: Big Data in the Global Economy
AGB 410: Agribusiness Management	AGB 435: Commodity Futures and Options Markets	TGM 460: Global Risk Assessment and Management
AGB 414: Food and Agribusiness Policy Issues (L)	AGB 445: Food Retailing	TGM 468: States and Markets in a Global Economy (SB & G)
AGB 452: Global Food and Agricultural Trade		TGM 478: Cross-Cultural Communication and Negotiation
Health Care Innovation Specialization (complete four courses) - offered as iCourses and at West	Human Resource Management Specialization (one required course, choose three courses) - offered at Poly	Human Systems Engineering Specialization (one required course, choose three courses) - offered at Poly
HCI 311: Health Innovation: Foundational Concepts	<b>Required course:</b>	<b>Required course:</b>
HCI 421: Health Care Policy: The Innovator's View	MGT 420: Human Resource Management	HSE 101: Introduction to Human Systems Engineering (SB)
HCI 425: Facilitating Innovation to Achieve Outcomes	<b>Choose three courses:</b>	<b>Choose three courses:</b>
HCI 428: Technology: A Tool to Advance Innovation in Health Care	MGT 421: Compensation in Organizations	HSE 323: Perceptual Systems (SB)
	MGT 422: Staffing	HSE 324: Applied Cognitive Science (SB)
	MGT 423: Training and Development in Organizations	HSE 325: Human-Computer Interaction
	MGT 424: Employment Law	HSE 422: Human Factors in Sport
	MGT 425: Global Human Resources	HSE 423: Human Factors in Transportation
		HSE 424: Human Automation Interaction
		HSE 425: Human Factors in Medical Systems
		HSE 426: Training and Expertise
		HSE 427: Designing for Learning
		HSE 428: Judgment and Decision Making
		HSE 429: Product Design and Evaluation
Leadership Development Specialization (choose four courses) - offered at West	Medical Studies Specialization (complete four courses) - offered at Poly	Project Management Specialization (one required course, choose three courses) - offered as iCourses
COM 225: Public Speaking (L) or COM 259: Communication in Business and the Professions or COM 312: Communication, Conflict, and Negotiation or COM 319: Persuasion and Social Influence (SB) or COM 400: Communication in Professions	HCD 303: Global Health Care Systems (G)	<b>Required course:</b>
MGT 310: Collaborative Team Skills	MED 300: Historical and Contemporary Issues in Health (L)	PMG 240: Introduction to Project Management
MGT 400: Cross-Cultural Management (C & G)	MED 320: Applied Medical/Health Care Ethics (HU)	<b>Choose three courses:</b>
MGT 411: Leading Organizations	MED 450: Leadership and Professionalism	PMG 321: Project Leadership, Strategy and Scope
		PMG 322: Project Schedule Management
		PMG 324: Resources in Project Management

		PMG 326: Project Procurement Management
		PMG 421: Project Risk Management
		PMG 422: Project Quality Management
Sales and Marketing Essentials Specialization (choose four courses) - offered as iCourses	Supply Chain Management & Sustainability (complete four courses) - offered at West	Technical Communication Specialization (choose four courses) - offered at Poly
MKT 391: Essentials of Selling	SCM 294: Society, the Supply Chain and You	TWC 301: Fundamentals of Writing for Digital Media (L)
MKT 392: Essentials of Business Marketing	SCM 385: Business and Sustainability I	TWC 401: Fundamentals of Technical Communication (L)
MKT 395: Essentials of Advertising and Marketing Communication	SCM 463: Global Supply Chain Management (G)	TWC 411: Principles of Visual Communication (L)
MKT 396: Essentials of Services Marketing	SCM 485: Business and Sustainability II	TWC 422: Social Media in the Workplace
MKT 397: Essentials of Global Marketing		TWC 431: Principles of Technical Editing
MKT 398: Essentials of Sports Business		TWC 435: Global Issues in Technical Communication (G)
Technological Entrepreneurship and Management Specialization (choose four courses) - offered at Poly	Tourism Specialization (one required course, choose three courses) - offered as iCourses	Interdisciplinary Business Studies Specialization (choose four courses)
TEM 200: My Technology Venture	<b>Required:</b>	AGB 100: Introduction to Agribusiness
TEM 301: Applied Social Entrepreneurship II	TDM 205: Introduction to Travel and Tourism (G)	AGB 250: Economics of Resource Allocation: Food and Agriculture
TEM 400: Technology Entrepreneurship	<b>Choose three courses:</b>	AGB 321: Agribusiness Marketing
TEM 431: Innovation Management	TDM 345: Meeting and Convention Planning	AGB 333: Agribusiness Finance
TEM 450: Design for the Developing World	TDM 350: Tourism, Recreation and Sports Marketing	AGB 366: Food System Technology Innovations
TEM 455: Global Impact Entrepreneurship	TDM 386: Convention Sales and Management	AGB 370: Food Retailing Strategy Development and Case Competition
TMC 498: Pro-Seminar (L)	TDM 448: Heritage and Cultural Tourism	AGB 410: Agribusiness Management
	TDM 458: International Tourism (G)	AGB 414: Food and Agribusiness Policy Issues (L)
	TDM 475: Entrepreneurial Recreation and Tourism	AGB 420: Food Advertising and Promotion
	TDM 480: Sustainable Tourism	AGB 425: Food Supply Networks
	TDM 483: Sports Tourism	AGB 435: Commodity Futures and Options Markets
		AGB 445: Food Retailing
		AGB 452: Global Food and Agricultural Trade
		CIS 235: Introduction to Information Systems
		CIS 300: Web Design and Development
		CIS 311: Business Agile Project Management

CIS 312: Business Mobile Commerce and Monetization

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COM 100: Introduction to Human Communication (SB)

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COM 225: Public Speaking (L) or COM 259: Communication in Business and the Professions or COM 319: Persuasion and Social Influence (SB) or COM 400: Communication in Professions

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COM 312: Communication, Conflict, and Negotiation

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COM 316: Gender and Communication (SB & C)

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COM 430: Leadership in Group Communication

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DST 101: Introduction to Disability Studies (C)

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DST 494: Disability and Aesthetics

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ENG 311: Persuasive Writing (L)

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ENG 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C)

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ETH 430: Gender on the Borderlands (SB & G)

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HCD 303: Global Health Care Systems (G)

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HCD 330: Health Care Systems in the U.S.

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HCD 420: Population Health Management

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HCI 311: Health Innovation: Foundational Concepts

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HCI 421: Health Care Policy: The Innovator's View

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HCI 425: Facilitating Innovation to Achieve Outcomes

---

HCI 428: Technology: A Tool to Advance Innovation in Health Care

---

HSE 101: Introduction to Human Systems Engineering (SB)

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HSE 323: Perceptual Systems (SB)

---

HSE 324: Applied Cognitive Science (SB)

---

HSE 325: Human-Computer Interaction

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HSE 422: Human Factors in Sport

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HSE 423: Human Factors in Transportation

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HSE 424: Human Automation Interaction

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HSE 425: Human Factors in Medical Systems

HSE 426: Training and Expertise

HSE 427: Designing for Learning

HSE 428: Judgment and Decision Making

HSE 429: Product Design and Evaluation

MED 300: Historical and Contemporary  
Issues in Health (L)

MED 320: Applied Medical/Health Care  
Ethics (HU)

MED 450: Leadership and Professionalism

Interdisciplinary Business Studies  
Specialization Continued

MGT 310: Collaborative Team Skills

MGT 400: Cross-Cultural Management (C &  
G)

MGT 411: Leading Organizations

MGT 420: Human Resource Management

MGT 421: Compensation in Organizations

MGT 422: Staffing

MGT 423: Training and Development in  
Organizations

MGT 424: Employment Law

MGT 425: Global Human Resources

MKT 391: Essentials of Selling

MKT 392: Essentials of Business Marketing

MKT 395: Essentials of Advertising and  
Marketing Communication

MKT 396: Essentials of Services Marketing

MKT 397: Essentials of Global Marketing

MKT 398: Essentials of Sports Business

PMG 320: Project Approaches

PMG 321: Project Leadership, Strategy and  
Scope

PMG 322: Project Schedule Management

PMG 323: Project Cost Management

PMG 324: Resources in Project Management

PMG 326: Project Procurement Management

PMG 421: Project Risk Management

PMG 422: Project Quality Management

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SCM 294: Society, the Supply Chain and You

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SCM 385: Business and Sustainability I

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SCM 463: Global Supply Chain Management (G)

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SCM 485: Business and Sustainability II

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SOC 426: Social Inequalities (SB)

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TDM 205: Introduction to Travel and Tourism (G)

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TDM 345: Meeting and Convention Planning

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TDM 350: Tourism, Recreation and Sports Marketing

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TDM 386: Convention Sales and Management

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TDM 448: Heritage and Cultural Tourism

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TDM 458: International Tourism (G)

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TDM 475: Entrepreneurial Recreation and Tourism

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TDM 480: Sustainable Tourism

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TDM 483: Sports Tourism

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TEM 200: My Technology Venture

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TEM 301: Applied Social Entrepreneurship II

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TEM 400: Technology Entrepreneurship

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TEM 431: Innovation Management

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TEM 450: Design for the Developing World

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TEM 455: Global Impact Entrepreneurship

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TGM 101: Principles of Global Management (G)

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TGM 312: Big Data in the Global Economy

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TGM 460: Global Risk Assessment and Management

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TGM 468: States and Markets in a Global Economy (SB & G)

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TGM 478: Cross-Cultural Communication and Negotiation

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TMC 498: Pro-Seminar (L)

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TWC 301: Fundamentals of Writing for Digital Media (L)

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TWC 401: Fundamentals of Technical Communication (L)

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TWC 411: Principles of Visual  
Communication (L)

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TWC 422: Social Media in the Workplace

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TWC 431: Principles of Technical Editing

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TWC 435: Global Issues in Technical  
Communication (G)

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**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map

### Applied Business and Technology Solutions, BA

School/College: [W. P. Carey School of Business](#)


Location: [Online ASU Local](#)

BAAPBTSBA

Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 WPC 101: Student Success in Business	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement. See academic advisor for appropriate Student Success course requirement if not a first-time student.</li> </ul>
CIS 105: Computer Applications and Information Technology (CS)	3	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	7		

Term 1 - B 7 - 16 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> <li>Join a student <a href="#">club</a> or <a href="#">organization</a>.</li> <li>Create your first <a href="#">college resume</a>.</li> </ul>
MAT 117: College Algebra (MA)	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	9		

Term 2 - A 16 - 22.25 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>Explore student <a href="#">leadership opportunities</a> in W. P. Carey.</li> <li>The Digital Business Innovation track requires a higher level math course. Students interested in this track are recommended to take MAT 210, 211, 270, or 271 in place of an Elective in Term 2A.</li> <li>Students with an internship or apprenticeship may use WPC 484 in place of electives. A max of 12 credits total can be earned through WPC 484 (three credits per term/class).</li> </ul>
WPC 148: First-Year Introduction to Career Development	0.25	C	
Elective	3		
Term hours subtotal:	6.25		

Term 2 - B 22.25 - 30.25 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ECN 211: Macroeconomic Principles (SB)	3	C	<ul style="list-style-type: none"> <li>Research <a href="#">study abroad opportunities</a> recommended for your major.</li> </ul>
Natural Science - Quantitative (SQ)	4		
Elective	1		

❖ Complete ENG 101 OR ENG 105 OR ENG 107 course(s).

❖ Minimum 2.00 GPA ASU Cumulative.

Term hours subtotal: 8

Term 3 - A 30.25 - 40.25 Credit Hours	Hours	Minimum Grade	Notes
ECN 212: Microeconomic Principles (SB)	3	C	<ul style="list-style-type: none"><li>• Explore <b>career resources</b>.</li><li>• Develop your <b>professional online presence</b>.</li><li>• Meet with your <b>W. P. Carey Career Coach</b>.</li><li>• Attend <b>W. P. Carey and ASU Career Fairs</b>.</li></ul>
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	3		
Term hours subtotal:	10		

Term 3 - B 40.25 - 46.50 Credit Hours <b>Critical course signified by</b>	Hours	Minimum Grade	Notes
❖ WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C	<ul style="list-style-type: none"><li>• Continuing first-year students will take WPC 248, after completing WPC 148</li><li>• New transfer students will take WPC 347</li><li>• Students with an internship or apprenticeship may use WPC 484 in place of electives. A max of 12 credits total can be earned through WPC 484 (three credits per term/class).</li></ul>
Literacy and Critical Inquiry (L)	3		
Elective	3		
❖ Complete Mathematics (MA) requirement.			
Term hours subtotal:	6.25		

Term 4 - A 46.50 - 52.50 Credit Hours	Hours	Minimum Grade	Notes
ECN 221: Business Statistics (CS)	3	C	<ul style="list-style-type: none"><li>• Attend <b>W. P. Carey and ASU</b> career fairs</li><li>• Students select two specializations from the lists at the bottom of the major map and complete four courses from each. See lists for the requirements and options.</li></ul>
Specialization #1 Course	3	C	
Term hours subtotal:	6		

Term 4 - B 52.50 - 61.50 Credit Hours <b>Critical course signified by</b>	Hours	Minimum Grade	Notes
❖ MGT 380: Management and Strategy	3	C	<ul style="list-style-type: none"><li>• Apply for <b>internships</b> or <b>create</b> one.</li><li>• Students with an internship or apprenticeship may use WPC 484 in place of electives. A max of 12 credits total can be earned through WPC 484 (three credits per term/class).</li></ul>
Complete 2 courses:			
Elective	6		
❖ Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	9		

Term 5 - A 61.50 - 67.75 Credit Hours	Hours	Minimum Grade	Notes
MKT 390: Essentials of Marketing	3	C	<ul style="list-style-type: none"><li>• Meet with your <b>W. P. Carey Career Coach</b>.</li><li>• Students select two specializations from the lists at the bottom of the major map and complete four courses from each. See lists for the requirements and options.</li></ul>
WPC 348: Junior Networking Foundations	0.25	C	
Specialization #2 Course	3	C	
Term hours subtotal:	6.25		

Term 5 - B 67.75 - 76.75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
ENG 302: Business Writing (L)	3	C	<ul style="list-style-type: none"><li>• Update your <b>resume</b>.</li></ul>
CIS 308: Advanced Excel in Business	3	C	

Upper Division Specialization #1 Course	3	C
★ Minimum 2.00 GPA ASU Cumulative.		
Term hours subtotal:	9	

- Students select two specializations from the lists at the bottom of the major map and complete four courses from each. See lists for the requirements and options.

Term 6 - A 76.75 - 85.75 Credit Hours	Hours	Minimum Grade	Notes
AGB 302: International Management and Agribusiness (G) OR MGT 302: Principles of International Business (G)	3	C	<ul style="list-style-type: none"> <li>• Complete informational interviews.</li> <li>• Students select two specializations from the lists at the bottom of the major map and complete four courses from each. See lists for the requirements and options.</li> </ul>
CIS 309: Business Process Management	3	C	
Upper Division Specialization #1 Course	3	C	
Term hours subtotal:	9		

Term 6 - B 85.75 - 91.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
ACC 382: Accounting and Financial Analysis	3	C	<ul style="list-style-type: none"> <li>• Complete an in-person or virtual practice interview with your <i>W. P. Carey Career Coach</i>.</li> <li>• Students select two specializations from the lists at the bottom of the major map and complete four courses from each. See lists for the requirements and options.</li> </ul>
Upper Division Specialization #2 Course	3	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s)	0		
★ Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	6		

Term 7 - A 91.75 - 100.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Specialization #2 Course	3	C	<ul style="list-style-type: none"> <li>• All Upper Division Business Foundation classes (ACC 382, FIN 380, MKT 390, MGT 380, SCM 380, and AGB 302 or MGT 302) must be completed before enrolling in WPC 460.</li> <li>• Students select two specializations from the lists at the bottom of the major map and complete four courses from each. See lists for the requirements and options.</li> </ul>
CIS 310: Business Data Visualization	3	C	
SCM 380: Supply Chain Management Foundations	3	C	
Term hours subtotal:	9		

Term 7 - B 100.75 - 107.00 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
FIN 380: Personal Financial Management	3	C	<ul style="list-style-type: none"> <li>• Attend <i>W. P. Carey</i> and <i>ASU</i> Career Fairs.</li> <li>• Gather professional references.</li> <li>• Update your resume.</li> <li>• Students with an internship or apprenticeship may use WPC 484 in place of electives. A max of 12 credits total can be earned through WPC 484 (three credits per term/class).</li> </ul>
WPC 448: Senior Career Transition Management	0.25	C	
Elective OR WPC 484: Internship	3		
★ Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	6.25		

Term 8 - A 107.00 - 113.00 Credit Hours	Hours	Minimum Grade	Notes
CIS 405: Business Intelligence	3	C	<ul style="list-style-type: none"> <li>• Apply for full-time career opportunities.</li> </ul>
Upper Division Specialization #1 Course	3	C	
Term hours subtotal:	6		

Term 8 - B 113.00 - 120.00 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ WPC 460: Business Capstone	1	C
Upper Division Specialization #2 Course	3	C
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3	
★ Minimum 2.00 GPA ASU Cumulative.		
Term hours subtotal:	7	

- Students select two specializations from the lists at the bottom of the major map and complete four courses from each. See lists for the requirements and options.
- If students select the Interdisciplinary Business Studies Specialization track, unique courses must be taken for their second track choice.

Hide Course List(s)/Track Group(s)

Communication Specialization (complete four courses)	Digital Business Innovation Specialization (complete four courses)	Food Industry Management Specialization (choose four courses)
COM 100: Introduction to Human Communication (SB)	CIS 235: Introduction to Information Systems	AGB 250: Economics of Resource Allocation: Food and Agriculture
COM 312: Communication, Conflict, and Negotiation	CIS 300: Web Design and Development	AGB 370: Food Retailing Strategy Development and Case Competition
COM 316: Gender and Communication (SB & C)	CIS 311: Business Agile Project Management	AGB 420: Food Advertising and Promotion
COM 430: Leadership in Group Communication	CIS 312: Business Mobile Commerce and Monetization	AGB 425: Food Supply Networks
		AGB 435: Commodity Futures and Options Markets
		AGB 445: Food Retailing
Global Management Specialization (one required course, choose three courses)	Health Care Innovation Specialization (complete four courses)	Human Resource Management Specialization (one required course, choose three courses)
<b>Required course:</b>	HCI 311: Health Innovation: Foundational Concepts	<b>Required:</b>
TGM 101: Principles of Global Management (G)	HCI 421: Health Care Policy: The Innovator's View	MGT 420: Human Resource Management
<b>Choose three courses:</b>	HCI 425: Facilitating Innovation to Achieve Outcomes	<b>Choose three other courses:</b>
TGM 312: Big Data in the Global Economy	HCI 428: Technology: A Tool to Advance Innovation in Health Care	MGT 421: Compensation in Organizations
TGM 460: Global Risk Assessment and Management		MGT 422: Staffing
TGM 468: States and Markets in a Global Economy (SB & G)		MGT 423: Training and Development in Organizations
TGM 478: Cross-Cultural Communication and Negotiation		MGT 424: Employment Law
		MGT 425: Global Human Resources
Human Systems Engineering Specialization (one required course, choose three courses)	Project Management Specialization (one required course, choose three courses)	Sales and Marketing Essentials Specialization (choose four courses)
<b>Required course:</b>	<b>Required course:</b>	MKT 391: Essentials of Selling
		MKT 392: Essentials of Business Marketing

HSE 101: Introduction to Human Systems Engineering (SB)	PMG 240: Introduction to Project Management	MKT 395: Essentials of Advertising and Marketing Communication
<b>Choose three courses:</b>	<b>Choose three courses:</b>	MKT 396: Essentials of Services Marketing
HSE 323: Perceptual Systems (SB)	PMG 321: Project Leadership, Strategy and Scope	MKT 397: Essentials of Global Marketing
HSE 324: Applied Cognitive Science (SB)	PMG 322: Project Schedule Management	MKT 398: Essentials of Sports Business
HSE 325: Human-Computer Interaction	PMG 324: Resources in Project Management	
HSE 422: Human Factors in Sport	PMG 326: Project Procurement Management	
HSE 423: Human Factors in Transportation	PMG 421: Project Risk Management	
HSE 424: Human Automation Interaction	PMG 422: Project Quality Management	
HSE 425: Human Factors in Medical Systems		
HSE 426: Training and Expertise		
HSE 427: Designing for Learning		
HSE 428: Judgment and Decision Making		
HSE 429: Product Design and Evaluation		
Supply Chain Management & Sustainability (complete four courses)	Technical Communication Specialization (choose four courses)	Technological Entrepreneurship and Management Specialization (choose four courses)
SCM 294: Society, the Supply Chain and You	TWC 301: Fundamentals of Writing for Digital Media (L)	TEM 200: My Technology Venture
SCM 385: Business and Sustainability I	TWC 401: Fundamentals of Technical Communication (L)	TEM 301: Applied Social Entrepreneurship II
SCM 463: Global Supply Chain Management (G)	TWC 411: Principles of Visual Communication (L)	TEM 400: Technology Entrepreneurship
SCM 485: Business and Sustainability II	TWC 422: Social Media in the Workplace	TEM 431: Innovation Management
	TWC 431: Principles of Technical Editing	TEM 450: Design for the Developing World
	TWC 435: Global Issues in Technical Communication (G)	TEM 455: Global Impact Entrepreneurship
		TMC 498: Pro-Seminar (L)
Tourism Specialization (one required course, choose three courses)	Interdisciplinary Business Studies Specialization (choose four courses)	
<b>Required:</b>	AGB 250: Economics of Resource Allocation: Food and Agriculture	
TDM 205: Introduction to Travel and Tourism (G)	AGB 370: Food Retailing Strategy Development and Case Competition	
<b>Choose three courses:</b>	AGB 420: Food Advertising and Promotion	
TDM 345: Meeting and Convention Planning	AGB 425: Food Supply Networks	
TDM 350: Tourism, Recreation and Sports Marketing	AGB 435: Commodity Futures and Options Markets	
TDM 386: Convention Sales and Management	AGB 445: Food Retailing	
TDM 448: Heritage and Cultural Tourism	CIS 235: Introduction to Information Systems	
TDM 458: International Tourism (G)	CIS 300: Web Design and Development	

TDM 475: Entrepreneurial Recreation and Tourism	CIS 311: Business Agile Project Management
TDM 480: Sustainable Tourism	CIS 312: Business Mobile Commerce and Monetization
TDM 483: Sports Tourism	COM 100: Introduction to Human Communication (SB)
	COM 312: Communication, Conflict, and Negotiation
	COM 400: Communication in Professions
	COM 430: Leadership in Group Communication
	COM 453: Communication Training and Development
	HCI 311: Health Innovation: Foundational Concepts
	HCI 421: Health Care Policy: The Innovator's View
	HCI 425: Facilitating Innovation to Achieve Outcomes
	HCI 428: Technology: A Tool to Advance Innovation in Health Care
	HSE 101: Introduction to Human Systems Engineering (SB)
	HSE 323: Perceptual Systems (SB)
	HSE 324: Applied Cognitive Science (SB)
	HSE 325: Human-Computer Interaction
	HSE 422: Human Factors in Sport
	HSE 423: Human Factors in Transportation
	HSE 424: Human Automation Interaction
	HSE 425: Human Factors in Medical Systems
	HSE 426: Training and Expertise
	HSE 427: Designing for Learning
	HSE 428: Judgment and Decision Making
	HSE 429: Product Design and Evaluation
	MGT 420: Human Resource Management
	MGT 421: Compensation in Organizations
	MGT 422: Staffing
	MGT 423: Training and Development in Organizations
	MGT 424: Employment Law
	MGT 425: Global Human Resources

MKT 391: Essentials of Selling

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MKT 392: Essentials of Business Marketing

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MKT 395: Essentials of Advertising and Marketing Communication

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MKT 396: Essentials of Services Marketing

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MKT 397: Essentials of Global Marketing

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MKT 398: Essentials of Sports Business

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PMG 320: Project Approaches

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PMG 321: Project Leadership, Strategy and Scope

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PMG 322: Project Schedule Management

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PMG 324: Resources in Project Management

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PMG 326: Project Procurement Management

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PMG 421: Project Risk Management

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PMG 422: Project Quality Management

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SCM 294: Society, the Supply Chain and You

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SCM 385: Business and Sustainability I

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SCM 463: Global Supply Chain Management (G)

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SCM 485: Business and Sustainability II

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TDM 205: Introduction to Travel and Tourism (G)

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TDM 345: Meeting and Convention Planning

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TDM 350: Tourism, Recreation and Sports Marketing

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TDM 386: Convention Sales and Management

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TDM 448: Heritage and Cultural Tourism

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TDM 458: International Tourism (G)

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TDM 475: Entrepreneurial Recreation and Tourism

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TDM 480: Sustainable Tourism

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TDM 483: Sports Tourism

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TEM 200: My Technology Venture

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TEM 301: Applied Social Entrepreneurship II

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TEM 400: Technology Entrepreneurship

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TEM 431: Innovation Management

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TEM 450: Design for the Developing World

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TEM 455: Global Impact Entrepreneurship

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TGM 101: Principles of Global Management (G)

TGM 312: Big Data in the Global Economy

TGM 460: Global Risk Assessment and Management

TGM 468: States and Markets in a Global Economy (SB & G)

TGM 478: Cross-Cultural Communication and Negotiation

TMC 498: Pro-Seminar (L)

TWC 301: Fundamentals of Writing for Digital Media (L)

TWC 401: Fundamentals of Technical Communication (L)

TWC 411: Principles of Visual Communication (L)

TWC 431: Principles of Technical Editing

TWC 435: Global Issues in Technical Communication (G)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map




### Business, BA


School/College: W. P. Carey School of Business

Location: Polytechnic, Tempe, West

BABUSBA

Term 1 0 - 16 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 WPC 101: Student Success in Business	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement</li> <li>Students must complete two math courses. Students will complete either MAT 117 and MAT 210 (MAT 117 Track) OR MAT 210 and MAT 211 or a quantitative course (MAT 210 Track)</li> <li>Students will be completing MAT 117 (MAT 117 Track) or MAT 210 (MAT 210 Track) in term 1</li> <li>Complete the <a href="#">me3</a> career interest tool</li> <li>Join a student <a href="#">club</a> or <a href="#">organization</a></li> </ul>
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
SOC course (SB)	3		
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	16		

Term 2 16 - 31.25 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
ECN 211: Macroeconomic Principles (SB)	3	C	<ul style="list-style-type: none"> <li>WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and instead will complete three hours of elective credit.</li> <li>Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.</li> <li>Students will be completing MAT 210 (MAT 117 Track) OR MAT 211 or a quantitative course (MAT 210 Track) in term 2</li> <li>Explore student <a href="#">leadership opportunities</a> in W. P. Carey</li> <li>Research <a href="#">study abroad opportunities</a> recommended for your major</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
PSY course (SB)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15.25		

Term 3 31.25 - 47.50 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	<ul style="list-style-type: none"> <li>Continuing first-year students will take WPC 248, after completing WPC 148</li> </ul>

COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3	
ECN 212: Microeconomic Principles (SB)	3	C
ECN 221: Business Statistics (CS)	3	C
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C
Natural Science - Quantitative (SQ)	4	
❖ Complete Mathematics (MA) requirement.		
❖ Milestone: Selection of a concentration		
Term hours subtotal:	16.25	

- New transfer students will take WPC 347
- Explore [career resources](#)
- Develop your [professional online presence](#)
- Meet with your [W. P. Carey Career Coach](#)
- Attend [W. P. Carey and ASU Career Fairs](#)
- Must declare concentration by end of term 3

- Not selectable as an ASU admission option.
- Change of major into this program is not allowed.
- Must declare concentration by the end of Term 3.

Hide Course List(s)/Track Group(s)

MAT 117 Track (dependent on the student's math placement)	MAT 210 Track (dependent on the student's math placement)
MAT 117: College Algebra (MA)	MAT 210: Brief Calculus (MA)
MAT 210: Brief Calculus (MA)	MAT 211: Mathematics for Business Analysis or ACO 100: All About Data: Design, Query, and Visualization (CS) or EDS 223: Design Thinking or EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 47.5

**Upper Division Hours:** 50 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.







## 2023 - 2024 Major Map

### Business (Business Administration), BA

School/College: W. P. Carey School of Business

Location: Polytechnic, West, ASU at Lake Havasu, ASU at The Gila Valley

BABUSBABA

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 WPC 101: Student Success in Business	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement. See academic advisor for appropriate Student Success course requirement if not a first-time freshman.</li> <li>Students must complete two math courses. Students will complete either MAT 117 and MAT 210 (MAT 117 Track) OR MAT 210 and MAT 211 or a quantitative course (MAT 210 Track).</li> <li>Students will complete MAT 117 (MAT 117 Track) or MAT 210 (MAT 210 Track) in Term 1.</li> <li>Join a student <b>club or organization</b>.</li> <li>Create your first college <b>resume</b>.</li> </ul>
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
SOC course (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	16		
Term 2 16 - 31.25 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ECN 211: Macroeconomic Principles (SB)	3	C	<ul style="list-style-type: none"> <li>Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your <b>academic advisor</b> for more information and options.</li> <li>Students will complete MAT 210 (MAT 117 Track) OR MAT 211 or a quantitative course (MAT 210 Track) in Term 2.</li> <li>WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit.</li> <li>Explore student <b>leadership opportunities</b> in W. P. Carey.</li> <li>Research <b>study abroad opportunities</b> recommended for your major.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
PSY course (SB)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15.25		
Term 3 31.25 - 47.50 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes

ACC 231: Uses of Accounting Information I	3	C
COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3	
ECN 212: Microeconomic Principles (SB)	3	C
ECN 221: Business Statistics (CS)	3	C
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C
Natural Science - Quantitative (SQ)	4	
🚩 Complete Mathematics (MA) requirement.		
Term hours subtotal:	16.25	

- Continuing first-year students will take WPC 248, after completing WPC 148
- New transfer students will take WPC 347
- Explore [career resources](#)
- Develop your [professional online presence](#)
- Meet with your [W. P. Carey Career Coach](#)
- Attend [W. P. Carey and ASU Career Fairs](#)

Term 4 47.50 - 62.50 Credit Hours <b>Critical course signified by</b> 🚩	Hours	Minimum Grade	Notes
ACC 241: Uses of Accounting Information II	3	C	<ul style="list-style-type: none"> <li>• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your <a href="#">academic advisor</a> for more information and options.</li> <li>• Attend <a href="#">W. P. Carey and ASU</a> career fairs.</li> <li>• Apply for <a href="#">internships</a> or <a href="#">create</a> one.</li> </ul>
Cultural Diversity in the U.S. (C)	3		
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Upper Division Elective	2		
🚩 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 5 62.50 - 77.75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ MGT 300: Principles of Management and Leadership	3	C	<ul style="list-style-type: none"> <li>• Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.</li> <li>• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your <a href="#">academic advisor</a> for more information and options.</li> <li>• Meet with your <a href="#">W. P. Carey Career Coach</a>.</li> <li>• Update your <a href="#">resume</a>.</li> </ul>
★ SCM 300: Global Supply Operations	3	C	
ENG 302: Business Writing (L)	3		
MKT 300: Marketing and Business Performance	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	15.25		

Term 6 77.75 - 92.75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ MGT 411: Leading Organizations	3	C	<ul style="list-style-type: none"> <li>• For the Upper Division Track Course requirement, students should choose one of the tracks below: Business Administration, Healthy Lifestyles Coaching, or Human Resources (Poly campus only). Students will eventually complete three courses (nine credit hours) from the same track.</li> <li>• Complete <a href="#">informational interviews</a>.</li> <li>• Complete an in person or virtual practice interview with your <a href="#">W. P. Carey Career Coach</a></li> </ul>
WPC 300: Problem Solving and Actionable Analytics	3	C	
Upper Division International Business Elective AND Global Awareness (G)	3	C	
Upper Division Track Course	3	C	
Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 92.75 - 107.75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
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★ BUS 384: Business Operations and Planning	3	C
FIN 300: Fundamentals of Finance	3	C
LES 305: Business Law and Ethics for Managers	3	C
Humanities, Arts and Design (HU)	3	
Upper Division Elective OR WPC 484: Internship	3	
Term hours subtotal:	15	

- All upper division Business Core classes (including International Business course) must be completed before enrolling in WPC 470
- Attend **W. P. Carey** and **ASU Career Fairs**
- Gather **professional references**
- Update your **resume**
- Meet with your academic advisor to discuss your internship course options

★ Term 8 107.75 - 120.00 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
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★ WPC 470: Business Administration Capstone	3	C
WPC 448: Senior Career Transition Management	0.25	C
Complete 2 courses:		
Upper Division Track Course	6	C
Elective	3	
Term hours subtotal:	12.25	

- Students should complete their remaining Track Courses from the track previously chosen in Term 6.
- Apply for **full-time career opportunities**.

- For the Upper Division Track Course requirement, students should choose one of the tracks below: Business Administration, Healthy Lifestyles Coaching, or Human Resources (offered only at the Poly campus). Students must complete three courses (nine credit hours) from the same track.

Hide Course List(s)/Track Group(s)

MAT 117 Track (dependent on the student's math placement)	MAT 210 Track (dependent on the student's math placement)	Upper Division International Business Course - select one
MAT 117: College Algebra (MA)	MAT 210: Brief Calculus (MA)	AGB 302: International Management and Agribusiness (G)
MAT 210: Brief Calculus (MA)	MAT 211: Mathematics for Business Analysis or ACO 100: All About Data: Design, Query, and Visualization (CS) or EDS 223: Design Thinking or EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	ECN 306: Survey of International Economics (SB & G)
		MGT 302: Principles of International Business (G)
		MKT 425: Global Marketing Management (G)
		SCM 463: Global Supply Chain Management (G)
Business Administration Track Courses	Healthy Lifestyles Coaching Track Courses	Human Resources Track Courses (offered at Poly campus only)
AGB 414: Food and Agribusiness Policy Issues (L)	CHS 300: An Exploration of Well-Being (SB)	<b>Required:</b>
AGB 420: Food Advertising and Promotion	CHS 340: Health Theory	MGT 420: Human Resource Management
AGB 425: Food Supply Networks	EXW 101: Foundations of Health and Fitness Science	<b>Choose two other courses:</b>
AGB 435: Commodity Futures and Options Markets	EXW 335: Physical Activity and Physiological Concepts	MGT 421: Compensation in Organizations
AGB 445: Food Retailing	EXW 400: Stress Management for Wellness	MGT 422: Staffing
	HEP 380: Body Image and Wellness	MGT 423: Training and Development in Organizations

AGB 452: Global Food and Agricultural Trade	HSC 355: Eating for Lifelong Health (SB)	MGT 424: Employment Law
AGB 456: Food Product Innovation and Development	HSC 440: Health Coaching Concepts and Skills	MGT 425: Global Human Resources
AGB 481: Strategic Pricing in Food Markets	NTR 100: Introduction to Nutrition Science	MGT 426: HR Consulting Projects
BUS 424: Sales and Negotiations	NTR 241: Human Nutrition	
BUS 434: Business Risk Management	SSP 320: Coaching Leadership, Performance Team and Facility Management	
COM 353: Professional Communication		
MGT 400: Cross-Cultural Management (C & G)		
MGT 420: Human Resource Management		
MGT 421: Compensation in Organizations		
MGT 422: Staffing		
MGT 423: Training and Development in Organizations		
MGT 424: Employment Law		
MGT 425: Global Human Resources		
MGT 426: HR Consulting Projects		
MGT 430: Negotiations		
PHI 360: Business and Professional Ethics (HU)		
PSY 304: Effective Thinking (L)		
SCM 354: Procurement of Services		
SCM 385: Business and Sustainability I		
TMC 320: Funding the Enterprise		
TWC 422: Social Media in the Workplace		

**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120  
**Upper Division Hours:** 50 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)



**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map

### Business (Business Administration), BA

School/College: [W. P. Carey School of Business](#)

Location: [Online ASU Local](#)

BABUSBABA

Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 WPC 101: Student Success in Business	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement.</li> <li>Create your first college <b>resume</b>.</li> </ul>
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 16 Credit Hours	Hours	Minimum Grade	Notes
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	<ul style="list-style-type: none"> <li>View ASU Online first-time freshmen registration information <a href="#">here</a>.</li> <li>Students must complete two math courses. Students will complete either MAT 117 and MAT 210 (MAT 117 Track) OR MAT 210 and MAT 211 or a quantitative course (MAT 210 Track).</li> <li>Students will complete MAT 117 (MAT 117 Track) or MAT 210 (MAT 210 Track) in Term 1B.</li> <li>Join a <b>student club or organization</b>.</li> </ul>
SOC course (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	9		

Term 2 - A 16 - 25.25 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>Students will complete MAT 210 (MAT 117 Track) OR MAT 211 or a quantitative course (MAT 210 Track) in Term 2A.</li> <li>WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will complete three hours of elective credit.</li> <li>Research <b>study abroad opportunities</b> recommended for your major.</li> </ul>
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
Term hours subtotal:	9.25		

Term 2 - B 25.25 - 31.25 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ECN 211: Macroeconomic Principles (SB)	3	C	

PSY course (SB) 3

❖ Complete ENG 101 OR ENG 105 OR ENG 107 course(s).

❖ Minimum 2.00 GPA ASU Cumulative.

Term hours subtotal: 6

Term 3 - A 31.25 - 40.25 Credit Hours	Hours	Minimum Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	<ul style="list-style-type: none"><li>• Explore <a href="#">career resources</a></li><li>• Meet with your <a href="#">W. P. Carey Career Coach</a></li><li>• Attend <a href="#">W. P. Carey</a> and <a href="#">ASU Career Fairs</a></li></ul>
COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3		
ECN 212: Microeconomic Principles (SB)	3	C	
Term hours subtotal:	9		

Term 3 - B 40.25 - 46.50 Credit Hours <b>Critical course signified by</b>	Hours	Minimum Grade	Notes
❖ ACC 241: Uses of Accounting Information II	3	C	<ul style="list-style-type: none"><li>• Continuing first-year students will take WPC 248, after completing WPC 148</li><li>• New transfer students will take WPC 347</li><li>• Develop your <a href="#">professional online presence</a></li></ul>
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C	
Elective	3		
❖ Complete Mathematics (MA) requirement.			
Term hours subtotal:	6.25		

Term 4 - A 46.50 - 55.50 Credit Hours	Hours	Minimum Grade	Notes
ECN 221: Business Statistics (CS)	3	C	<ul style="list-style-type: none"><li>• Attend <a href="#">W. P. Carey</a> and <a href="#">ASU</a> career fairs</li><li>• Apply for <a href="#">internships</a> or <a href="#">create one</a></li></ul>
Cultural Diversity in the U.S. (C)	3		
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	9		

Term 4 - B 55.50 - 62.50 Credit Hours <b>Critical course signified by</b>	Hours	Minimum Grade	Notes
❖ Natural Science - Quantitative (SQ)	4		
Elective	3		
❖ Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	7		

Term 5 - A 62.50 - 68.75 Credit Hours <b>Necessary course signified by</b>	Hours	Minimum Grade	Notes
★ SCM 300: Global Supply Operations	3	C	<ul style="list-style-type: none"><li>• Meet with your <a href="#">W. P. Carey Career Coach</a></li><li>• Update your <a href="#">resume</a></li></ul>
WPC 300: Problem Solving and Actionable Analytics	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
Term hours subtotal:	6.25		

Term 5 - B 68.75 - 77.75 Credit Hours <b>Necessary course signified by</b>	Hours	Minimum Grade	Notes
★ BUS 384: Business Operations and Planning	3	C	<ul style="list-style-type: none"><li>• Students pursuing concurrent degrees within <a href="#">W. P. Carey</a> cannot share coursework in the major. Major coursework must be unique to each degree program.</li></ul>
★ MGT 300: Principles of Management and Leadership	3	C	
ENG 302: Business Writing (L)	3		
Term hours subtotal:	9		

<b>Term 6 - A 77.75 - 84.75 Credit Hours Necessary course signified by</b> ★	<b>Hours</b>	<b>Minimum Grade</b>	<b>Notes</b>
★ MKT 300: Marketing and Business Performance	3	C	<ul style="list-style-type: none"> <li>• Complete informational interviews</li> </ul>
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	7		

<b>Term 6 - B 84.75 - 93.75 Credit Hours Necessary course signified by</b> ★	<b>Hours</b>	<b>Minimum Grade</b>	<b>Notes</b>
★ FIN 300: Fundamentals of Finance	3	C	<ul style="list-style-type: none"> <li>• Complete an in person or virtual practice interview with your <b>W. P. Carey Career Coach</b></li> </ul>
★ LES 305: Business Law and Ethics for Managers	3	C	
Upper Division International Business Elective AND Global Awareness (G)	3	C	
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	9		

<b>Term 7 - A 93.75 - 99.75 Credit Hours Necessary course signified by</b> ★	<b>Hours</b>	<b>Minimum Grade</b>	<b>Notes</b>
★ Upper Division Track Course	3	C	<ul style="list-style-type: none"> <li>• For the Upper Division Track Course requirement, students should choose from the Business Administration Track below.</li> <li>• Attend <b>W. P. Carey</b> and <b>ASU Career Fairs</b>.</li> </ul>
Upper Division Elective OR WPC 484: Internship	3		
Term hours subtotal:	6		

<b>Term 7 - B 99.75 - 107.75 Credit Hours Necessary course signified by</b> ★	<b>Hours</b>	<b>Minimum Grade</b>	<b>Notes</b>
★ MGT 411: Leading Organizations	3	C	<ul style="list-style-type: none"> <li>• Students should continue taking courses from the Business Administration Track.</li> <li>• Gather <b>professional references</b>.</li> <li>• Update your <b>resume</b>.</li> </ul>
★ Upper Division Track Course	3	C	
Upper Division Elective	2		
Term hours subtotal:	8		

<b>Term 8 - A 107.75 - 114.00 Credit Hours Necessary course signified by</b> ★	<b>Hours</b>	<b>Minimum Grade</b>	<b>Notes</b>
★ Upper Division Track Course	3	C	<ul style="list-style-type: none"> <li>• Apply for <b>full-time career opportunities</b></li> </ul>
WPC 448: Senior Career Transition Management	0.25	C	
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	6.25		

<b>Term 8 - B 114.00 - 120.00 Credit Hours Necessary course signified by</b> ★	<b>Hours</b>	<b>Minimum Grade</b>	<b>Notes</b>
★ WPC 470: Business Administration Capstone	3	C	<ul style="list-style-type: none"> <li>• All upper division business core classes (including International Business course) must be completed before enrolling in WPC 470.</li> </ul>
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	6		

- For the Upper Division Track Course requirement, students must complete three courses (nine credit hours) from the Business Administration Track.

Hide Course List(s)/Track Group(s)

MAT 117 Track (dependent on the student's math placement)	MAT 210 Track (dependent on the student's math placement)	Upper Division International Business Course - select one
MAT 117: College Algebra (MA)	MAT 210: Brief Calculus (MA)	AGB 302: International Management and Agribusiness (G)
MAT 210: Brief Calculus (MA)	MAT 211: Mathematics for Business Analysis or ACO 100: All About Data: Design, Query, and Visualization (CS) or EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	ECN 306: Survey of International Economics (SB & G)
		MGT 302: Principles of International Business (G)
		MKT 425: Global Marketing Management (G)
		SCM 463: Global Supply Chain Management (G)
<b>Business Administration Track Courses</b>		
AGB 420: Food Advertising and Promotion		
AGB 425: Food Supply Networks		
AGB 435: Commodity Futures and Options Markets		
AGB 445: Food Retailing		
AGB 456: Food Product Innovation and Development		
AGB 481: Strategic Pricing in Food Markets		
MGT 400: Cross-Cultural Management (C & G)		
MGT 420: Human Resource Management		
MGT 430: Negotiations		
PHI 360: Business and Professional Ethics (HU)		
SCM 354: Procurement of Services		
SCM 385: Business and Sustainability I		
TMC 320: Funding the Enterprise		
TWC 422: Social Media in the Workplace		

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 50 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map




### Business (Communication), BA


School/College: W. P. Carey School of Business

Location: Polytechnic, Tempe, West, ASU at Lake Havasu

BABUSCBA

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 WPC 101: Student Success in Business	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement.</li> <li>Students must complete two math courses. Students will complete either MAT 117 and MAT 210 (MAT 117 Track) OR MAT 210 and MAT 211 or a quantitative course (MAT 210 Track).</li> <li>Students will complete MAT 117 (MAT 117 Track) or MAT 210 (MAT 210 Track) in Term 1.</li> <li>Join a student <b>club or organization</b>.</li> <li>Create your first college <b>resume</b>.</li> </ul>
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
SOC course (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	16		

Term 2 16 - 31.25 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ECN 211: Macroeconomic Principles (SB)	3	C	<ul style="list-style-type: none"> <li>Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your <b>academic advisor</b> for more information and options.</li> <li>Students will complete MAT 210 (MAT 117 Track) OR MAT 211 or a quantitative course (MAT 210 Track) in Term 2.</li> <li>WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit.</li> <li>Explore student <b>leadership opportunities</b> in W. P. Carey.</li> <li>Research <b>study abroad opportunities</b> recommended for your major.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
PSY course (SB)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15.25		

Term 3 31.25 - 47.50 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	<ul style="list-style-type: none"> <li>Continuing first-year students will take WPC 248, after completing WPC 148</li> </ul>
COM 100: Introduction to Human Communication (SB)	3	C	

ECN 212: Microeconomic Principles (SB)	3	C
ECN 221: Business Statistics (CS)	3	C
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C
Natural Science - Quantitative (SQ)	4	
🔻 Complete Mathematics (MA) requirement.		
Term hours subtotal:		16.25

- New transfer students will take WPC 347
- Explore [career resources](#)
- Develop your [professional online presence](#)
- Meet with your [W. P. Carey Career Coach](#)
- Attend [W. P. Carey](#) and [ASU Career Fairs](#)

Term 4 47.50 - 63.50 Credit Hours <b>Critical course signified by</b> 🔻	Hours	Minimum Grade	Notes
ACC 241: Uses of Accounting Information II	3	C	
COM 230: Small Group Communication (SB)	3	C	
Cultural Diversity in the U.S. (C)	3		
Literacy and Critical Inquiry (L)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
🔻 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:		16	

- Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your [academic advisor](#) for more information and options.
- Attend [W. P. Carey](#) and [ASU career fairs](#)
- Apply for [internships](#) or [create one](#)

Term 5 63.50 - 78.75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ COM 259: Communication in Business and the Professions	3	C	
ENG 302: Business Writing (L)	3		
MKT 300: Marketing and Business Performance	3	C	
SCM 300: Global Supply Operations	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
Upper Division Elective	3		
Term hours subtotal:		15.25	

- Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.
- Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your [academic advisor](#) for more information and options.
- Meet with your [W. P. Carey Career Coach](#).
- Update your [resume](#).

Term 6 78.75 - 93.75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ COM 312: Communication, Conflict, and Negotiation	3	C	
COM 400: Communication in Professions OR COM 451: Communication and Work Relationships	3	C	
MGT 300: Principles of Management and Leadership	3	C	
WPC 300: Problem Solving and Actionable Analytics	3	C	
Upper Division International Business Course AND Global Awareness (G)	3	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:		15	

- Complete [informational interviews](#)
- Complete an in person or virtual practice interview with your [W. P. Carey Career Coach](#)
- COM 400 cannot be taken with "Communication Conflict and Negotiation" or "Conflict and Negotiation" titles

Term 7 93.75 - 107.75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ COM 430: Leadership in Group Communication	3	C	
FIN 300: Fundamentals of Finance	3	C	
Upper Division Elective OR WPC 484: Internship	3		
Upper Division Elective	2		

- Attend [W. P. Carey](#) and [ASU Career Fairs](#)
- Gather [professional references](#)
- Update your [resume](#)



Humanities, Arts and Design (HU)

3

Term hours subtotal: 14

- Meet with your **academic advisor** to discuss your internship course options

Term 8 107.75 - 120.00 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ COM 453: Communication Training and Development	3	C	<ul style="list-style-type: none"> <li>• Apply for full-time career opportunities</li> <li>• Meet with your <b>academic advisor</b> to discuss your internship course options</li> </ul>
LES 305: Business Law and Ethics for Managers	3	C	
WPC 448: Senior Career Transition Management	0.25	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Elective OR WPC 484: Internship	3		
Term hours subtotal:	12.25		

Hide Course List(s)/Track Group(s)

MAT 117 Track (dependent on the student's math placement)	MAT 210 Track (dependent on the student's math placement)	Upper Division International Business Course - select one
MAT 117: College Algebra (MA)	MAT 210: Brief Calculus (MA)	AGB 302: International Management and Agribusiness (G)
MAT 210: Brief Calculus (MA)	MAT 211: Mathematics for Business Analysis or ACO 100: All About Data: Design, Query, and Visualization (CS) or EDS 223: Design Thinking or EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	ECN 306: Survey of International Economics (SB & G)
		MGT 302: Principles of International Business (G)
		MKT 425: Global Marketing Management (G)
		SCM 463: Global Supply Chain Management (G)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 50 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

## 2023 - 2024 Major Map

### Business (Communication), BA



School/College: W. P. Carey School of Business

Location: Online ASU Local

BABUSCBA

### **FT** Fast Track Options: 3 Year




A student must speak with an advisor in order to be added to a fast track plan.

Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 WPC 101: Student Success in Business	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. W. P. Carey students take WPC 101 to fulfill this requirement</li> <li>Create your first college <a href="#">resume</a></li> </ul>
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Term hours subtotal:	7		



Term 1 - B 7 - 16 Credit Hours	Hours	Minimum Grade	Notes
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> <li>Students must complete two math courses. Students will complete either MAT 117 and MAT 210 (MAT 117 Track) OR MAT 210 and MAT 211 or a quantitative course (MAT 210 Track).</li> <li>Students will complete MAT 117 (MAT 117 Track) or MAT 210 (MAT 210 Track) in Term 1.</li> <li>Join a <a href="#">student club or organization</a>.</li> </ul>
SOC course (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	9		

Term 2 - A 16 - 25.25 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>Students will complete MAT 210 (MAT 117 Track) OR MAT 211 or a quantitative course (MAT 210 Track) in Term 2.</li> <li>WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit.</li> </ul>
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
Term hours subtotal:	9.25		

- Research study abroad opportunities recommended for your major.



Term 2 - B 25.25 - 31.25 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ECN 211: Macroeconomic Principles (SB)	3	C	
PSY course (SB)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	6		

Term 3 - A 31.25 - 40.25 Credit Hours	Hours	Minimum Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	
COM 100: Introduction to Human Communication (SB)	3	C	
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	9		<ul style="list-style-type: none"> <li>• Explore career resources</li> <li>• Meet with your W. P. Carey Career Coach</li> <li>• Attend W. P. Carey and ASU Career Fairs</li> </ul>

Term 3 - B 40.25 - 46.50 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ACC 241: Uses of Accounting Information II	3	C	
ECN 212: Microeconomic Principles (SB)	3	C	
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C	
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	6.25		<ul style="list-style-type: none"> <li>• Continuing first-year students will take WPC 248, after completing WPC 148</li> <li>• New transfer students will take WPC 347</li> <li>• Develop your professional online presence</li> </ul>

Term 4 - A 46.50 - 55.50 Credit Hours	Hours	Minimum Grade	Notes
COM 230: Small Group Communication (SB)	3	C	
ECN 221: Business Statistics (CS)	3	C	
Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	9		<ul style="list-style-type: none"> <li>• Attend W. P. Carey and ASU career fairs</li> <li>• Apply for internships or create one</li> </ul>

Term 4 - B 55.50 - 62.50 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ)	4		
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	7		

Term 5 - A 62.50 - 68.75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 COM 259: Communication in Business and the Professions	3	C	
MKT 300: Marketing and Business Performance	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
Term hours subtotal:	6.25		<ul style="list-style-type: none"> <li>• Meet with your W. P. Carey Career Coach</li> <li>• Update your resume</li> </ul>

Term 5 - B 68.75 - 77.75 Credit Hours	Hours	Minimum Grade	Notes
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ENG 302: Business Writing (L)	3	
MGT 300: Principles of Management and Leadership	3	C
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3	
Term hours subtotal:	9	

- Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.

<b>Term 6 - A 77.75 - 83.75 Credit Hours Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
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★ COM 312: Communication, Conflict, and Negotiation	3	C
SCM 300: Global Supply Operations	3	C
Term hours subtotal:	6	

- Complete informational interviews

<b>Term 6 - B 83.75 - 92.75 Credit Hours Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
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COM 400: Communication in Professions	3	C
LES 305: Business Law and Ethics for Managers	3	C
Upper Division International Business Course AND Global Awareness (G)	3	C
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
Term hours subtotal:	9	

- Complete an in person or virtual practice interview with your W. P. Carey Career Coach
- COM 400 cannot be "Communication Conflict and Negotiation" or "Conflict and Negotiation" titles

<b>Term 7 - A 92.75 - 99.75 Credit Hours</b>	Hours	Minimum Grade	Notes
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FIN 300: Fundamentals of Finance	3	C
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4	
Term hours subtotal:	7	

- Attend W. P. Carey and ASU Career Fairs

<b>Term 7 - B 99.75 - 107.75 Credit Hours Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
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★ COM 430: Leadership in Group Communication	3	C
WPC 300: Problem Solving and Actionable Analytics	3	C
Upper Division Elective	2	
Term hours subtotal:	8	

- Gather professional references
- Update your resume

<b>Term 8 - A 107.75 - 114.00 Credit Hours Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
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★ COM 453: Communication Training and Development	3	C
WPC 448: Senior Career Transition Management	0.25	C
Upper Division Elective OR WPC 484: Internship	3	
Term hours subtotal:	6.25	

- Apply for full-time career opportunities

<b>Term 8 - B 114.00 - 120.00 Credit Hours</b>	Hours	Minimum Grade	Notes
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Upper Division Elective OR WPC 484: Internship	3	
Upper Division Elective	3	
Term hours subtotal:	6	

Hide Course List(s)/Track Group(s)

MAT 117 Track (dependent on the student's math placement)	MAT 210 Track (dependent on the student's math placement)	Upper Division International Business Course - select one
MAT 117: College Algebra (MA)	MAT 210: Brief Calculus (MA)	AGB 302: International Management and Agribusiness (G)
MAT 210: Brief Calculus (MA)	MAT 211: Mathematics for Business Analysis or ACO 100: All About Data: Design, Query, and Visualization (CS) or EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	ECN 306: Survey of International Economics (SB & G)
		MGT 302: Principles of International Business (G)
		MKT 425: Global Marketing Management (G)
		SCM 463: Global Supply Chain Management (G)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 50 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map

### Business (Corporate Accounting), BA




School/College: [W. P. Carey School of Business](#)

Location: [Online ASU Local](#)



BABUSCABA

Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 WPC 101: Student Success in Business	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. ACC 101 is the W. P. Carey School course that meets this requirement</li> <li>Create your first college <a href="#">resume</a></li> </ul>
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		
Term 1 - B 7 - 16 Credit Hours	Hours	Minimum Grade	Notes
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	<ul style="list-style-type: none"> <li>View ASU Online first-time freshmen registration information <a href="#">here</a>.</li> <li>Students must complete two math courses. Students will complete either MAT 117 and MAT 210 (MAT 117 Track) OR MAT 210 and MAT 211 or a quantitative course (MAT 210 Track)</li> <li>Students will be completing MAT 117 (MAT 117 Track) or MAT 210 (MAT 210 Track) in term 1</li> <li>Join a <a href="#">student club or organization</a></li> </ul>
SOC course (SB)	3		
Elective	3		
Term hours subtotal:	9		
Term 2 - A 16 - 25.25 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>Students will be completing MAT 210 (MAT 117 Track) OR MAT 211 or a quantitative course (MAT 210 Track) in term 2</li> <li>WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit.</li> <li>Join the W. P. Carey <a href="#">mentorship programs</a></li> <li>Research <a href="#">study abroad opportunities</a> recommended for your major</li> </ul>
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
Term hours subtotal:	9.25		



Minimum



Term 2 - B 25.25 - 31.25 Credit Hours <b>Critical course signified by</b> 	Hours	Grade	Notes
COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3		
ECN 211: Macroeconomic Principles (SB)	3	C	
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	6		

Term 3 - A 31.25 - 40.25 Credit Hours	Hours	Minimum Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	
ECN 212: Microeconomic Principles (SB)	3	C	
PSY course (SB)	3		
Term hours subtotal:	9		<ul style="list-style-type: none"> <li>• Explore <b>career resources</b></li> <li>• Meet with your <b>W. P. Carey Career Coach</b></li> <li>• Attend <b>W. P. Carey and ASU Career Fairs</b></li> </ul>

Term 3 - B 40.25 - 46.50 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ACC 241: Uses of Accounting Information II	3	C	
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C	
Cultural Diversity in the U.S. (C)	3		
 Complete Mathematics (MA) requirement.			<ul style="list-style-type: none"> <li>• Continuing first-year students will take WPC 248, after completing WPC 148</li> <li>• New transfer students will take WPC 347</li> <li>• Develop your <b>professional online presence</b></li> </ul>
Term hours subtotal:	6.25		

Term 4 - A 46.50 - 55.50 Credit Hours	Hours	Minimum Grade	Notes
ECN 221: Business Statistics (CS)	3	C	
Historical Awareness (H)	3		
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	9		<ul style="list-style-type: none"> <li>• Attend <b>W. P. Carey and ASU Career Fairs</b></li> <li>• Apply for <b>internships</b> or <b>create one</b></li> </ul>

Term 4 - B 55.50 - 62.50 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ)	4		
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	7		

Term 5 - A 62.50 - 68.75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 ACC 310: Intermediate Accounting for Corporate Accountants	3	C	
SCM 300: Global Supply Operations	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
Term hours subtotal:	6.25		<ul style="list-style-type: none"> <li>• Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.</li> <li>• Meet with your <b>W. P. Carey Career Coach</b></li> <li>• Update your <b>resume</b></li> </ul>

Term 5 - B 68.75 - 77.75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
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★ ACC 320: Management Accounting for Corporate Accountants I	3	C
LES 305: Business Law and Ethics for Managers	3	C
Humanities, Arts and Design (HU)	3	
Term hours subtotal:	9	

★ Term 6 - A 77.75 - 86.75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
★ ACC 354: Governance, Risk, Compliance Internal Controls and Ethics	3	C	• Complete informational interviews
ENG 302: Business Writing (L)	3		
MKT 300: Marketing and Business Performance	3	C	
Term hours subtotal:	9		

★ Term 6 - B 86.75 - 92.75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
★ ACC 410: Financial Statement Analysis	3	C	• Complete an in person or virtual practice interview with your W. P. Carey Career Coach
Upper Division International Business Course AND Global Awareness (G)	3	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

★ Term 7 - A 92.75 - 98.75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
★ ACC 420: Management Accounting for Corporate Accountants II	3	C	• Attend W. P. Carey and ASU Career Fairs
FIN 300: Fundamentals of Finance	3	C	
Term hours subtotal:	6		

★ Term 7 - B 98.75 - 105.75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
★ ACC 454: Taxes for Corporate Accountants	3	C	• Gather professional references • Update your resume
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	7		

★ Term 8 - A 105.75 - 112.00 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
★ WPC 448: Senior Career Transition Management	0.25	C	• Apply for full-time career opportunities
WPC 300: Problem Solving and Actionable Analytics	3	C	
Upper Division Elective OR WPC 484: Internship	3		
Term hours subtotal:	6.25		

★ Term 8 - B 112.00 - 120.00 Credit Hours	Hours	Minimum Grade	Notes
MGT 300: Principles of Management and Leadership	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Elective	2		
Term hours subtotal:	8		

Hide Course List(s)/Track Group(s)

MAT 117 Track (dependent on the student's math placement)	MAT 210 Track (dependent on the student's math placement)	Upper Division International Business Course - select one course (3 credit hours)
MAT 117: College Algebra (MA)	MAT 210: Brief Calculus (MA)	AGB 302: International Management and Agribusiness (G)
MAT 210: Brief Calculus (MA)	MAT 211: Mathematics for Business Analysis or ACO 100: All About Data: Design, Query, and Visualization (CS) or EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	ECN 306: Survey of International Economics (SB & G)
		MGT 302: Principles of International Business (G)
		MKT 425: Global Marketing Management (G)
		SCM 463: Global Supply Chain Management (G)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120  
**Upper Division Hours:** 50 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map




### Business (Financial Planning), BA

School/College: W. P. Carey School of Business

Location: Tempe

BABUSFPBA

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 WPC 101: Student Success in Business	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement</li> <li>Students must complete two math courses. Students will complete either MAT 117 and MAT 210 (MAT 117 Track) OR MAT 210 and MAT 211 or a quantitative course (MAT 210 Track)</li> <li>Students will be completing MAT 117 (MAT 117 Track) or MAT 210 (MAT 210 Track) in term 1</li> <li>Join a student <b>club or organization</b></li> <li>Create your first college <b>resume</b></li> </ul>
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
SOC course (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	16		

Term 2 16 - 31.25 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3		<ul style="list-style-type: none"> <li>Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your <b>academic advisor</b> for more information and options.</li> <li>Students will be completing MAT 210 (MAT 117 Track) OR MAT 211 or a quantitative course (MAT 210 Track) in term 2</li> <li>WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit.</li> <li>Explore student <b>leadership opportunities</b> in W. P. Carey</li> <li>Research <b>study abroad opportunities</b> recommended for your major</li> </ul>
ECN 211: Macroeconomic Principles (SB)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15.25		

Term 3 31.25 - 46.50 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
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ACC 231: Uses of Accounting Information I	3	C
ECN 212: Microeconomic Principles (SB)	3	C
ECN 221: Business Statistics (CS)	3	C
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C
PSY course (SB)	3	
Elective	3	
♦ Complete Mathematics (MA) requirement.		
Term hours subtotal:	15.25	

- Continuing first-year students will take WPC 248, after completing WPC 148
- New transfer students will take WPC 347
- Explore [career resources](#)
- Develop your [professional online presence](#)
- Meet with your [W. P. Carey Career Coach](#)
- Attend [W. P. Carey](#) and [ASU Career Fairs](#)

Term 4 46.50 - 62.50 Credit Hours <b>Critical course signified by</b> ♦	Hours	Minimum Grade	Notes
ACC 241: Uses of Accounting Information II	3	C	
Cultural Diversity in the U.S. (C)	3		
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ)	4		
Elective	3		
♦ Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

- Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your [academic advisor](#) for more information and options.
- Attend [W. P. Carey](#) and [ASU career fairs](#)
- Apply for [internships](#) or [create one](#)

Term 5 62.50 - 77.75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ FIN 300: Fundamentals of Finance	3	C	
★ FIN 380: Personal Financial Management	3	C	
ENG 302: Business Writing (L)	3		
MKT 300: Marketing and Business Performance	3	C	
SCM 300: Global Supply Operations	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
Term hours subtotal:	15.25		

- Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your [academic advisor](#) for more information and options.
- Meet with your [W. P. Carey Career Coach](#)
- Update your [resume](#)

Term 6 77.75 - 92.75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ FIN 385: Personal Insurance Planning	3	C	
★ FIN 386: Estate Planning Strategies	3	C	
LES 305: Business Law and Ethics for Managers	3	C	
Upper Division International Business Course AND Global Awareness (G)	3	C	
Humanities, Arts and Design (HU)	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

- Complete [informational interviews](#)
- Complete an in person or virtual practice interview with your [W. P. Carey Career Coach](#)



Term 7 92.75 - 106.75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ ACC 435: Personal Tax Management and Planning	3	C	
★ FIN 420: Personal Portfolio Management	3	C	
MGT 300: Principles of Management and Leadership	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		

- Attend [W. P. Carey](#) and [ASU Career Fairs](#)
- Gather [professional references](#)
- Update your [resume](#)

Upper Division Elective

2

Term hours subtotal: 14

Term 8 106.75 - 120.00 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
 FIN 460: Personal Finance Cases and Modeling	3	C	• Apply for full-time career opportunities
WPC 300: Problem Solving and Actionable Analytics	3	C	
WPC 448: Senior Career Transition Management	0.25	C	
WPC 484: Internships & Applied Academics OR Upper Division Elective	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:		13.25	

- Students cannot share the Upper Division International Business Elective with concentration course requirements.

Hide Course List(s)/Track Group(s)

MAT 117 Track (dependent on the student's math placement)	MAT 210 Track (dependent on the student's math placement)	Upper Division International Business Course - select one course (3 credit hours)
MAT 117: College Algebra (MA)	MAT 210: Brief Calculus (MA)	AGB 302: International Management and Agribusiness (G)
MAT 210: Brief Calculus (MA)	MAT 211: Mathematics for Business Analysis or ACO 100: All About Data: Design, Query, and Visualization (CS) or EDS 223: Design Thinking or EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	ECN 306: Survey of International Economics (SB & G) MGT 302: Principles of International Business (G) MKT 425: Global Marketing Management (G) SCM 463: Global Supply Chain Management (G)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)

- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map

### Business (Financial Planning), BA

School/College: [W. P. Carey School of Business](#)

Location: [Online ASU Local](#)




BABUSFPBA

Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 WPC 101: Student Success in Business	1		<ul style="list-style-type: none"> <li>• Create your first college <a href="#">resume</a></li> </ul>
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		



Term 1 - B 7 - 16 Credit Hours	Hours	Minimum Grade	Notes
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	<ul style="list-style-type: none"> <li>• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement</li> <li>• View ASU Online first-time freshmen registration information <a href="#">here</a>.</li> <li>• Students must complete two math courses. Students will complete either MAT 117 and MAT 210 (MAT 117 Track) OR MAT 210 and MAT 211 or a quantitative course (MAT 210 Track)</li> <li>• Students will be completing MAT 117 (MAT 117 Track) or MAT 210 (MAT 210 Track) in term 1</li> <li>• Join a <a href="#">student club or organization</a></li> </ul>
SOC course (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	9		

Term 2 - A 16 - 25.25 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>• Students will be completing MAT 210 (MAT 117 Track) OR MAT 211 or a quantitative course (MAT 210 Track) in term 2</li> <li>• WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit.</li> </ul>
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
Term hours subtotal:	9.25		



- Research study abroad opportunities recommended for your major



Term 2 - B 25.25 - 31.25 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3		
ECN 211: Macroeconomic Principles (SB)	3	C	
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	6		

Term 3 - A 31.25 - 40.25 Credit Hours	Hours	Minimum Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	
ECN 212: Microeconomic Principles (SB)	3	C	
PSY course (SB)	3		
Term hours subtotal:	9		<ul style="list-style-type: none"> <li>• Explore career resources</li> <li>• Meet with your W. P. Carey Career Coach</li> <li>• Attend W. P. Carey and ASU Career Fairs</li> </ul>

Term 3 - B 40.25 - 46.50 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ACC 241: Uses of Accounting Information II	3	C	
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C	
Humanities, Arts and Design (HU)	3		
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	6.25		<ul style="list-style-type: none"> <li>• Continuing first-year students will take WPC 248, after completing WPC 148</li> <li>• New transfer students will take WPC 347</li> <li>• Develop your professional online presence</li> </ul>



Term 4 - A 46.50 - 53.50 Credit Hours	Hours	Minimum Grade	Notes
ECN 221: Business Statistics (CS)	3	C	
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	7		<ul style="list-style-type: none"> <li>• Attend W. P. Carey and ASU career fairs</li> <li>• Apply for internships or create one</li> </ul>



Term 4 - B 53.50 - 60.50 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
Cultural Diversity in the U.S. (C)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	7		




Term 5 - A 60.50 - 66.75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 FIN 300: Fundamentals of Finance	3	C	
ENG 302: Business Writing (L)	3		
WPC 348: Junior Networking Foundations	0.25	C	
Term hours subtotal:	6.25		<ul style="list-style-type: none"> <li>• Meet with your W. P. Carey Career Coach</li> <li>• Update your resume</li> </ul>

Term 5 - B 66.75 - 75.75 Credit Hours <b>Necessary course signified</b>	Minimum
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by 	Hours	Grade	Notes
 FIN 380: Personal Financial Management	3	C	<ul style="list-style-type: none"> <li>Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.</li> </ul>
SCM 300: Global Supply Operations	3	C	
WPC 300: Problem Solving and Actionable Analytics	3	C	
Term hours subtotal:	9		



Term 6 - A 75.75 - 81.75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 FIN 385: Personal Insurance Planning	3	C	<ul style="list-style-type: none"> <li>Complete informational interviews</li> </ul>
MKT 300: Marketing and Business Performance	3	C	
Term hours subtotal:	6		

Term 6 - B 81.75 - 90.75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 FIN 386: Estate Planning Strategies	3	C	<ul style="list-style-type: none"> <li>Complete an in person or virtual practice interview with your W. P. Carey Career Coach</li> </ul>
LES 305: Business Law and Ethics for Managers	3	C	
Upper Division International Business Course AND Global Awareness (G)	3	C	
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	9		

Term 7 - A 90.75 - 96.75 Credit Hours	Hours	Minimum Grade	Notes
MGT 300: Principles of Management and Leadership	3	C	<ul style="list-style-type: none"> <li>Attend W. P. Carey and ASU Career Fairs</li> </ul>
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	6		

Term 7 - B 96.75 - 105.75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 FIN 420: Personal Portfolio Management	3	C	<ul style="list-style-type: none"> <li>Gather professional references</li> <li>Update your resume</li> </ul>
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Elective	3		
Term hours subtotal:	9		

Term 8 - A 105.75 - 112.00 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 ACC 435: Personal Tax Management and Planning	3	C	<ul style="list-style-type: none"> <li>Apply for full-time career opportunities</li> </ul>
WPC 448: Senior Career Transition Management	0.25	C	
Upper Division Elective OR WPC 484: Internships & Applied Academics	3		
Term hours subtotal:	6.25		

Term 8 - B 112.00 - 120.00 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 FIN 460: Personal Finance Cases and Modeling	3	C	
Upper Division Elective	2		
Elective	3		

Term hours subtotal: 8

- Students cannot share the Upper Division International Business Elective with concentration course requirements.

Hide Course List(s)/Track Group(s)

MAT 117 Track (dependent on the student's math placement)	MAT 210 Track (dependent on the student's math placement)	Upper Division International Business Course - select one course (3 credit hours)
MAT 117: College Algebra (MA)	MAT 210: Brief Calculus (MA)	AGB 302: International Management and Agribusiness (G)
MAT 210: Brief Calculus (MA)	MAT 211: Mathematics for Business Analysis or ACO 100: All About Data: Design, Query, and Visualization (CS) or EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	ECN 306: Survey of International Economics (SB & G)
		MGT 302: Principles of International Business (G)
		MKT 425: Global Marketing Management (G)
		SCM 463: Global Supply Chain Management (G)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map




### Business (Food Industry Management), BA


School/College: W. P. Carey School of Business

Location: Polytechnic

BABUSFIMBA

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 WPC 101: Student Success in Business	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement</li> <li>Students must complete two math courses. Students will complete either MAT 117 and MAT 210 (MAT 117 Track) OR MAT 210 and MAT 211 or a quantitative course (MAT 210 Track)</li> <li>Students will be completing MAT 117 (MAT 117 Track) or MAT 210 (MAT 210 Track) in term 1</li> <li>Join a student <b>club or organization</b></li> <li>Create your first college <b>resume</b></li> </ul>
AGB 100: Introduction to Agribusiness	3	C	
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
SOC course (SB)	3		
Term hours subtotal:	16		

Term 2 16 - 31.25 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ECN 211: Macroeconomic Principles (SB)	3	C	<ul style="list-style-type: none"> <li>Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your <b>academic advisor</b> for more information and options.</li> <li>Students will be completing MAT 210 (MAT 117 Track) OR MAT 211 or a quantitative course (MAT 210 Track) in term 2</li> <li>WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit.</li> <li>Explore student <b>leadership opportunities</b> in W. P. Carey</li> <li>Research <b>study abroad opportunities</b> recommended for your major</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
PSY course (SB)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15.25		

Term 3 31.25 - 47.50 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	<ul style="list-style-type: none"> <li>Continuing first-year students will take WPC 248, after completing WPC 148</li> </ul>

COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3	
ECN 212: Microeconomic Principles (SB)	3	C
ECN 221: Business Statistics (CS)	3	C
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C
Natural Science - Quantitative (SQ)	4	
🚩 Complete Mathematics (MA) requirement.		
Term hours subtotal:	16.25	

- New transfer students will take WPC 347
- Explore [career resources](#)
- Develop your [professional online presence](#)
- Meet with your [W. P. Carey Career Coach](#)
- Attend [W. P. Carey and ASU Career Fairs](#)

Term 4 47.50 - 63.50 Credit Hours <b>Critical course signified by</b> 🚩	Hours	Minimum Grade	Notes
ACC 241: Uses of Accounting Information II	3	C	
AGB 250: Economics of Resource Allocation: Food and Agriculture	3	C	
Cultural Diversity in the U.S. (C)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
🚩 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

- Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your [academic advisor](#) for more information and options.
- Attend [W. P. Carey and ASU career fairs](#)
- Apply for [internships](#) or [create one](#)

Term 5 63.50 - 78.75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ FIN 300: Fundamentals of Finance	3	C	
★ MKT 300: Marketing and Business Performance	3	C	
ENG 302: Business Writing (L)	3		
SCM 300: Global Supply Operations	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	15.25		

- Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.
- Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your [academic advisor](#) for more information and options.
- Meet with your [W. P. Carey Career Coach](#)
- Update your [resume](#)
- Meet with your [academic advisor](#) to discuss your internship course options

Term 6 78.75 - 93.75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ AGB 420: Food Advertising and Promotion	3	C	
★ AGB 425: Food Supply Networks	3	C	
MGT 300: Principles of Management and Leadership	3	C	
Upper Division International Business Course AND Global Awareness (G) (AGB 302 recommended)	3	C	
Literacy and Critical Inquiry (L)	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

- Complete [informational interviews](#)
- Complete an in person or virtual practice interview with your [W. P. Carey Career Coach](#)

Term 7 93.75 - 107.75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
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★ AGB 435: Commodity Futures and Options Markets	3	C
★ AGB 456: Food Product Innovation and Development	3	C
WPC 300: Problem Solving and Actionable Analytics	3	C
Upper Division Elective OR AGB 484: Internship OR WPC 484: Internship	3	
Upper Division Elective	2	
Term hours subtotal:	14	

- Attend *W. P. Carey* and ASU Career Fairs
- Gather *professional references*
- Update your *resume*
- Meet with your academic advisor to discuss your internship course options

Term 8 107.75 - 120.00 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ AGB 445: Food Retailing	3	C	• Apply for full-time career opportunities
★ AGB 481: Strategic Pricing in Food Markets	3	C	
LES 305: Business Law and Ethics for Managers	3	C	
WPC 448: Senior Career Transition Management	0.25	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	12.25		

Hide Course List(s)/Track Group(s)

MAT 117 Track (dependent on the student's math placement)	MAT 210 Track (dependent on the student's math placement)	Upper Division International Business Course - select one course (3 credit hours)
MAT 117: College Algebra (MA)	MAT 210: Brief Calculus (MA)	AGB 302: International Management and Agribusiness (G)
MAT 210: Brief Calculus (MA)	MAT 211: Mathematics for Business Analysis or ACO 100: All About Data: Design, Query, and Visualization (CS) or EDS 223: Design Thinking or EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	ECN 306: Survey of International Economics (SB & G)
		MGT 302: Principles of International Business (G)
		MKT 425: Global Marketing Management (G)
		SCM 463: Global Supply Chain Management (G)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120  
**Upper Division Hours:** 50 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map

### Business (Food Industry Management), BA

School/College: [W. P. Carey School of Business](#)

Location: [Online](#) [ASU Local](#)

BABUSFIMBA

Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 WPC 101: Student Success in Business	1		<ul style="list-style-type: none"> <li>ASU 101 or college specific First Year Seminar is required for all first-year students. W. P. Carey students take WPC 101 to fulfill this requirement</li> <li>Create your first college <a href="#">resume</a></li> </ul>
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 16 Credit Hours	Hours	Minimum Grade	Notes
AGB 100: Introduction to Agribusiness	3	C	<ul style="list-style-type: none"> <li>View ASU Online first-time freshmen registration information <a href="#">here</a>.</li> <li>Students must complete two math courses. Students will complete either MAT 117 and MAT 210 (MAT 117 Track) OR MAT 210 and MAT 211 or a quantitative course (MAT 210 Track)</li> <li>Students will be completing MAT 117 (MAT 117 Track) or MAT 210 (MAT 210 Track) in term 1</li> <li>Join a <a href="#">student club or organization</a></li> </ul>
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	9		

Term 2 - A 16 - 25.25 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>Students will be completing MAT 210 (MAT 117 Track) OR MAT 211 or a quantitative course (MAT 210 Track) in term 2</li> <li>WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit.</li> <li>Research <a href="#">study abroad opportunities</a> recommended for your major</li> </ul>
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
Term hours subtotal:	9.25		

Term 2 - B 25.25 - 31.25 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
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COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions 3

ECN 211: Macroeconomic Principles (SB) 3 C

❗ Complete ENG 101 OR ENG 105 OR ENG 107 course(s).

❗ Minimum 2.00 GPA ASU Cumulative.

Term hours subtotal: 6

Term 3 - A 31.25 - 40.25 Credit Hours	Hours	Minimum Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	<ul style="list-style-type: none"> <li>• Explore career resources</li> <li>• Meet with your W. P. Carey Career Coach</li> <li>• Attend W. P. Carey and ASU Career Fairs</li> </ul>
PSY course (SB)	3		
Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	9		

Term 3 - B 40.25 - 47.50 Credit Hours Critical course signified by ❗	Hours	Minimum Grade	Notes
ECN 212: Microeconomic Principles (SB)	3	C	<ul style="list-style-type: none"> <li>• Continuing first-year students will take WPC 248, after completing WPC 148</li> <li>• New transfer students will take WPC 347</li> <li>• Develop your professional online presence</li> </ul>
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C	
Natural Science - Quantitative (SQ)	4		
❗ Complete Mathematics (MA) requirement.			
Term hours subtotal:	7.25		

Term 4 - A 47.50 - 53.50 Credit Hours	Hours	Minimum Grade	Notes
AGB 250: Economics of Resource Allocation: Food and Agriculture	3	C	<ul style="list-style-type: none"> <li>• Attend W. P. Carey and ASU career fairs</li> <li>• Apply for internships or create one</li> </ul>
ECN 221: Business Statistics (CS)	3	C	
Term hours subtotal:	6		

Term 4 - B 53.50 - 60.50 Credit Hours Critical course signified by ❗	Hours	Minimum Grade	Notes
ACC 241: Uses of Accounting Information II	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
❗ Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	7		

Term 5 - A 60.50 - 66.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MKT 300: Marketing and Business Performance	3	C	<ul style="list-style-type: none"> <li>• Meet with your W. P. Carey Career Coach</li> <li>• Update your resume</li> </ul>
★ SCM 300: Global Supply Operations	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
Term hours subtotal:	6.25		

Term 5 - B 66.75 - 75.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MGT 300: Principles of Management and Leadership	3	C	
ENG 302: Business Writing (L)	3		



SOC course (SB)

3

Term hours subtotal:

9

- Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.

Term 6 - A 75.75 - 80.75 Credit Hours	Hours	Minimum Grade	Notes
WPC 300: Problem Solving and Actionable Analytics	3	C	• Complete informational interviews
Upper Division Elective	2		
Term hours subtotal:	5		

Term 6 - B 80.75 - 89.75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ AGB 420: Food Advertising and Promotion	3	C	• Complete an in person or virtual practice interview with your W. P. Carey Career Coach
★ FIN 300: Fundamentals of Finance	3	C	
★ Upper Division International Business Course AND Global Awareness (G)	3	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	9		

Term 7 - A 89.75 - 98.75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ AGB 456: Food Product Innovation and Development	3	C	• Attend W. P. Carey and ASU Career Fairs
Humanities, Arts and Design (HU)	3		
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	9		

Term 7 - B 98.75 - 104.75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ AGB 435: Commodity Futures and Options Markets	3	C	• Gather professional references • Update your resume
LES 305: Business Law and Ethics for Managers	3	C	
Term hours subtotal:	6		

Term 8 - A 104.75 - 114.00 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ AGB 445: Food Retailing	3	C	• Apply for full-time career opportunities
★ AGB 481: Strategic Pricing in Food Markets	3	C	
WPC 448: Senior Career Transition Management	0.25	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	9.25		

Term 8 - B 114.00 - 120.00 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ AGB 425: Food Supply Networks	3	C	
Upper Division Elective OR AGB 484: Internship OR WPC 484: Internship	3		
Term hours subtotal:	6		

Hide Course List(s)/Track Group(s)

MAT 117 Track (dependent on the student's math placement)	MAT 210 Track (dependent on the student's math placement)	Upper Division International Business Course-select one course (3 credit hours)
MAT 117: College Algebra (MA)	MAT 210: Brief Calculus (MA)	AGB 302: International Management and Agribusiness (G)
MAT 210: Brief Calculus (MA)	MAT 211: Mathematics for Business Analysis or ACO 100: All About Data: Design, Query, and Visualization (CS) or EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	ECN 306: Survey of International Economics (SB & G)
		MGT 302: Principles of International Business (G)
		MKT 425: Global Marketing Management (G)
		SCM 463: Global Supply Chain Management (G)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120  
**Upper Division Hours:** 50 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map




### Business (Global Agribusiness), BA


School/College: W. P. Carey School of Business

Location: Polytechnic

BABUSGAGBA

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 WPC 101: Student Success in Business	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement.</li> <li>Students must complete two math courses. Students will complete either MAT 117 and MAT 210 (MAT 117 Track) OR MAT 210 and MAT 211 or a quantitative course (MAT 210 Track).</li> <li>Students will be completing MAT 117 (MAT 117 Track) or MAT 210 (MAT 210 Track) in term 1.</li> <li>Join a student <b>club or organization</b>.</li> <li>Create your first college <b>resume</b>.</li> </ul>
AGB 100: Introduction to Agribusiness	3	C	
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
SOC course (SB)	3		
Term hours subtotal:	16		

Term 2 16 - 31.25 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ECN 211: Macroeconomic Principles (SB)	3	C	<ul style="list-style-type: none"> <li>Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your <b>academic advisor</b> for more information and options.</li> <li>Students will be completing MAT 210 (MAT 117 Track) OR MAT 211 or a quantitative course (MAT 210 Track) in term 2.</li> <li>WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit.</li> <li>Explore student <b>leadership opportunities</b> in W. P. Carey.</li> <li>Research <b>study abroad opportunities</b> recommended for your major.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
PSY course (SB)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15.25		

Term 3 31.25 - 47.50 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	<ul style="list-style-type: none"> <li>Continuing first-year students will take WPC 248, after completing WPC 148.</li> </ul>
ECN 212: Microeconomic Principles (SB)	3	C	

ECN 221: Business Statistics (CS)	3	C
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3	
Natural Science - Quantitative (SQ) ( BIO 100 recommended)	4	
🚩 Complete Mathematics (MA) requirement.		
Term hours subtotal:	16.25	

- New transfer students will take WPC 347,
- Explore [career resources](#).
- Develop your [professional online presence](#)
- Meet with your [W. P. Carey Career Coach](#)
- Attend [W. P. Carey](#) and [ASU Career Fairs](#).

Term 4 47.50 - 62.50 Credit Hours <b>Critical course signified by</b> 🚩	Hours	Minimum Grade	Notes
ACC 241: Uses of Accounting Information II	3	C	
AGB 250: Economics of Resource Allocation: Food and Agriculture	3	C	
COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3		
Cultural Diversity in the U.S. (C)	3		
Humanities, Arts and Design (HU)	3		
🚩 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15		

- Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your [academic advisor](#) for more information and options.
- Attend [W. P. Carey](#) and [ASU career fairs](#)
- Apply for [internships](#) or [create one](#)

Term 5 62.50 - 78.75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ FIN 300: Fundamentals of Finance	3	C	
ENG 302: Business Writing (L)	3		
MKT 300: Marketing and Business Performance	3	C	
SCM 300: Global Supply Operations	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	16.25		

- Students pursuing concurrent degrees within [W. P. Carey](#) cannot share coursework in the major. Major coursework must be unique to each degree program.
- Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your [academic advisor](#) for more information and options.
- Meet with your [W. P. Carey Career Coach](#)
- Update your [resume](#)

Term 6 78.75 - 93.75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ AGB 321: Agribusiness Marketing	3	C	
★ BUS 434: Business Risk Management OR AGB 333: Agribusiness Finance	3	C	
WPC 300: Problem Solving and Actionable Analytics	3	C	
Upper Division International Business Course AND Global Awareness (G) ( AGB 302 recommended)	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

- Complete an in person or virtual practice interview with your [W. P. Carey Career Coach](#)

Term 7 93.75 - 107.75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ AGB 410: Agribusiness Management	3	C	
★ AGB 435: Commodity Futures and Options Markets	3	C	

- Attend [W. P. Carey](#) and [ASU Career Fairs](#)

★ AGB 452: Global Food and Agricultural Trade	3	C
LES 305: Business Law and Ethics for Managers	3	C
Upper Division Elective	2	
Term hours subtotal:	14	

- Gather professional references
- Update your resume

Term 8 107.75 - 120.00 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ AGB 414: Food and Agribusiness Policy Issues (L)	3	C	<ul style="list-style-type: none"> <li>• Apply for full-time career opportunities</li> <li>• Meet with your academic advisor to discuss your internship course options</li> </ul>
MGT 300: Principles of Management and Leadership	3	C	
WPC 448: Senior Career Transition Management	0.25	C	
Upper Division Elective OR AGB 484: Internship OR WPC 484: Internship	3		
Elective	3		
Term hours subtotal:	12.25		

Hide Course List(s)/Track Group(s)

MAT 117 Track (dependent on the student's math placement)	MAT 210 Track (dependent on the student's math placement)	Upper Division International Business Course - select one
MAT 117: College Algebra (MA)	MAT 210: Brief Calculus (MA)	AGB 302: International Management and Agribusiness (G)
MAT 210: Brief Calculus (MA)	MAT 211: Mathematics for Business Analysis or ACO 100: All About Data: Design, Query, and Visualization (CS) or EDS 223: Design Thinking or EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	ECN 306: Survey of International Economics (SB & G)
		MGT 302: Principles of International Business (G)
		MKT 425: Global Marketing Management (G)
		SCM 463: Global Supply Chain Management (G)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120  
**Upper Division Hours:** 50 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)

- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.




## 2023 - 2024 Major Map

### Business (Global Leadership), BA

School/College: [W. P. Carey School of Business](#)

Location: [Online ASU Local](#)

BABUSGBA

Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 WPC 101: Student Success in Business	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement.</li> <li>Join a <a href="#">student club or organization</a></li> </ul>
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		
Term 1 - B 7 - 16 Credit Hours	Hours	Minimum Grade	Notes
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a></li> <li>Students must complete two math courses. Students will complete either MAT 117 and MAT 210 (MAT 117 Track) OR MAT 210 and MAT 211 or a quantitative course (MAT 210 Track)</li> <li>Students will be completing MAT 117 (MAT 117 Track) or MAT 210 (MAT 210 Track) in term 1</li> <li>Join a <a href="#">student club or organization</a></li> </ul>
SOC course (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	9		
Term 2 - A 16 - 25.25 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>Students will be completing MAT 210 (MAT 117 Track) OR MAT 211 or a quantitative course (MAT 210 Track) in term 2</li> <li>WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit.</li> <li>Research <a href="#">study abroad opportunities</a> recommended for your major</li> </ul>
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
Term hours subtotal:	9.25		
Term 2 - B 25.25 - 31.25 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes

COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions 3

ECN 211: Macroeconomic Principles (SB) 3 C

❗ Complete ENG 101 OR ENG 105 OR ENG 107 course(s).

❗ Minimum 2.00 GPA ASU Cumulative.

Term hours subtotal: 6

Term 3 - A 31.25 - 40.25 Credit Hours	Hours	Minimum Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	<ul style="list-style-type: none"> <li>• Explore <b>career resources</b></li> <li>• Meet with your <b>W. P. Carey Career Coach</b></li> <li>• Attend <b>W. P. Carey and ASU Career Fairs</b></li> </ul>
PSY course (SB)	3		
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	9		

Term 3 - B 40.25 - 46.50 Credit Hours <b>Critical course signified by</b>	Hours	Minimum Grade	Notes
❗ ACC 241: Uses of Accounting Information II	3	C	<ul style="list-style-type: none"> <li>• Continuing first-year students will take WPC 248, after completing WPC 148</li> <li>• New transfer students will take WPC 347</li> <li>• Develop your <b>professional online presence</b></li> </ul>
ECN 212: Microeconomic Principles (SB)	3	C	
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C	
❗ Complete Mathematics (MA) requirement.			
Term hours subtotal:	6.25		

Term 4 - A 46.50 - 52.50 Credit Hours	Hours	Minimum Grade	Notes
ECN 221: Business Statistics (CS)	3	C	<ul style="list-style-type: none"> <li>• Attend <b>W. P. Carey and ASU career fairs</b></li> <li>• Apply for <b>internships</b> or <b>create one</b></li> </ul>
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	6		

Term 4 - B 52.50 - 59.50 Credit Hours <b>Critical course signified by</b>	Hours	Minimum Grade	Notes
❗ Natural Science - Quantitative (SQ)	4		
Elective	3		
❗ Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	7		

Term 5 - A 59.50 - 65.75 Credit Hours	Hours	Minimum Grade	Notes
MKT 300: Marketing and Business Performance	3	C	<ul style="list-style-type: none"> <li>• Meet with your <b>W. P. Carey Career Coach</b></li> <li>• Update your <b>resume</b></li> </ul>
SCM 300: Global Supply Operations	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
Term hours subtotal:	6.25		

Term 5 - B 65.75 - 74.75 Credit Hours <b>Necessary course signified by</b>	Hours	Minimum Grade	Notes
★ MGT 300: Principles of Management and Leadership	3	C	<ul style="list-style-type: none"> <li>• Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.</li> </ul>
ENG 302: Business Writing (L)	3		
Elective	3		
Term hours subtotal:	9		



Term 6 - A 74.75 - 80.75 Credit Hours	Hours	Minimum Grade	Notes
POS 486: International Political Economy (SB & G) OR POS 350: Comparative Politics (SB & G)	3	C	<ul style="list-style-type: none"> <li>• Complete an in person or virtual <b>practice interview</b></li> </ul>
WPC 300: Problem Solving and Actionable Analytics	3	C	
Term hours subtotal:	6		

Term 6 - B 80.75 - 88.75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Upper Division International Business Course AND Global Awareness (G)	3	C	<ul style="list-style-type: none"> <li>• Cannot share Upper Division International Business Elective with concentration course requirements.</li> <li>• Complete an in person or virtual practice interview with your <b>W. P. Carey Career Coach</b></li> </ul>
FIN 300: Fundamentals of Finance	3	C	
Upper Division Elective	2		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	8		

Term 7 - A 88.75 - 95.75 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Global Leadership Elective	3	C	<ul style="list-style-type: none"> <li>• Attend <b>W. P. Carey</b> and <b>ASU Career Fairs</b></li> </ul>
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	7		

Term 7 - B 95.75 - 104.75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ MGT 411: Leading Organizations	3	C	<ul style="list-style-type: none"> <li>• Gather <b>professional references</b></li> <li>• Update your <b>resume</b></li> </ul>
LES 305: Business Law and Ethics for Managers	3	C	
Upper Division Elective OR WPC 484: Internship	3		
Term hours subtotal:	9		

Term 8 - A 104.75 - 111.00 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ MGT 430: Negotiations OR SCM 463: Global Supply Chain Management (G)	3	C	<ul style="list-style-type: none"> <li>• SCM 463 cannot count as both International Business course requirement and major course. If SCM 463 is taken here, select another course to fulfill International Business course requirement.</li> <li>• Apply for <b>full-time career opportunities</b></li> </ul>
WPC 448: Senior Career Transition Management	0.25	C	
Upper Division Global Leadership Elective	3	C	
Term hours subtotal:	6.25		

Term 8 - B 111.00 - 120.00 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ MGT 400: Cross-Cultural Management (C & G)	3	C	
Upper Division Elective OR WPC 484: Internship	3		
Elective	3		
Term hours subtotal:	9		

Hide Course List(s)/Track Group(s)

MAT 117 Track (dependent on the student's math placement)	MAT 210 Track (dependent on the student's math placement)	Global Leadership Electives - select two courses (6 credit hours)
MAT 117: College Algebra (MA)	MAT 210: Brief Calculus (MA)	AGB 302: International Management and Agribusiness (G)
MAT 210: Brief Calculus (MA)	MAT 211: Mathematics for Business Analysis or ACO 100: All About Data: Design, Query, and Visualization (CS) or EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	ECN 306: Survey of International Economics (SB & G)
		HST 327: Women in U.S. History, 1600 to 1880 ((HU or SB) & C & H)
		JUS 350: Immigration and Justice (SB & C)
		MGT 302: Principles of International Business (G)
		MKT 425: Global Marketing Management (G)
		POS 350: Comparative Politics (SB & G)
		POS 360: World Politics (SB & G)
		POS 486: International Political Economy (SB & G)
		SCM 463: Global Supply Chain Management (G)
		SOC 352: Social Change (SB & G & H)
Upper Division International Business Course - select one course (3 credit hours)		
AGB 302: International Management and Agribusiness (G)		
ECN 306: Survey of International Economics (SB & G)		
MGT 302: Principles of International Business (G)		
MKT 425: Global Marketing Management (G)		
SCM 463: Global Supply Chain Management (G)		

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120  
**Upper Division Hours:** 50 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum

**General University Requirements Legend**

- General Studies Core Requirements:
- Literacy and Critical Inquiry (L)
  - Mathematical Studies (MA)

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map




### Business (Global Logistics Management), BA


School/College: W. P. Carey School of Business

Location: West

BABUSGLBA

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 WPC 101: Student Success in Business	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement</li> <li>Students must complete two math courses. Students will complete either MAT 117 and MAT 210 (MAT 117 Track) OR MAT 210 and MAT 211 or a quantitative course (MAT 210 Track)</li> <li>Students will be completing MAT 117 (MAT 117 Track) or MAT 210 (MAT 210 Track) in term 1</li> <li>Join a student <b>club or organization</b></li> <li>Create your first college <b>resume</b></li> </ul>
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
SOC course (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	16		

Term 2 16 - 31.25 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ECN 211: Macroeconomic Principles (SB)	3	C	<ul style="list-style-type: none"> <li>Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your <b>academic advisor</b> for more information and options.</li> <li>Students will be completing MAT 210 (MAT 117 Track) OR MAT 211 or a quantitative course (MAT 210 Track) in term 2</li> <li>WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit.</li> <li>Explore student <b>leadership opportunities</b> in W. P. Carey</li> <li>Research <b>study abroad opportunities</b> recommended for your major</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
PSY course (SB)	3	C	
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15.25		

Term 3 31.25 - 47.50 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	<ul style="list-style-type: none"> <li>Continuing first-year students will take WPC 248, after completing WPC 148</li> </ul>

COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3	
ECN 212: Microeconomic Principles (SB)	3	C
ECN 221: Business Statistics (CS)	3	C
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C
Natural Science - Quantitative (SQ)	4	
🚩 Complete Mathematics (MA) requirement.		
Term hours subtotal:	16.25	

- New transfer students will take WPC 347
- Explore [career resources](#)
- Develop your [professional online presence](#)
- Meet with your [W. P. Carey Career Coach](#)
- Attend [W. P. Carey and ASU Career Fairs](#)

Term 4 47.50 - 63.50 Credit Hours <b>Critical course signified by</b> 🚩	Hours	Minimum Grade	Notes
ACC 241: Uses of Accounting Information II	3	C	
Cultural Diversity in the U.S. (C)	3		
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	3		
🚩 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

- Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your [academic advisor](#) for more information and options.
- Attend [W. P. Carey and ASU career fairs](#)
- Apply for [internships](#) or [create one](#)

Term 5 63.50 - 78.75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ SCM 300: Global Supply Operations	3	C	
ENG 302: Business Writing (L)	3		
FIN 300: Fundamentals of Finance	3	C	
MKT 300: Marketing and Business Performance	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	15.25		

- Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.
- Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your [academic advisor](#) for more information and options.
- Meet with your [W. P. Carey Career Coach](#)
- Update your [resume](#)

Term 6 78.75 - 93.75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ SCM 354: Procurement of Services	3	C	
MGT 300: Principles of Management and Leadership	3	C	
Upper Division International Business Course AND Global Awareness (G)	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

- Complete an in person or virtual practice interview with your [W. P. Carey Career Coach](#)
- Complete [informational interviews](#)

Term 7 93.75 - 107.75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ SCM 314: Analytics for Logistics	3	C	

- Attend [W. P. Carey and ASU Career Fairs](#)

★ SCM 344: Applied Logistics Management	3	C
★ SCM 385: Business and Sustainability I	3	C
LES 305: Business Law and Ethics for Managers	3	C
Upper Division Elective	2	
Term hours subtotal:	14	

- Gather professional references
- Update your resume
- Meet with your academic advisor to discuss your internship course options

★ Term 8 107.75 - 120.00 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
★ MGT 411: Leading Organizations	3	C	• Apply for full-time career opportunities
★ SCM 445: Advanced Logistics Management	3	C	
WPC 300: Problem Solving and Actionable Analytics	3	C	
WPC 448: Senior Career Transition Management	0.25	C	
Upper Division Elective OR WPC 484: Internship	3		
Term hours subtotal:	12.25		

Hide Course List(s)/Track Group(s)

MAT 117 Track (dependent on the student's math placement)	MAT 210 Track (dependent on the student's math placement)	Upper Division International Business Course-select one course (3 credit hours)
MAT 117: College Algebra (MA)	MAT 210: Brief Calculus (MA)	AGB 302: International Management and Agribusiness (G)
MAT 210: Brief Calculus (MA)	MAT 211: Mathematics for Business Analysis or ACO 100: All About Data: Design, Query, and Visualization (CS) or EDS 223: Design Thinking or EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	ECN 306: Survey of International Economics (SB & G)
		MGT 302: Principles of International Business (G)
		MKT 425: Global Marketing Management (G)
		SCM 463: Global Supply Chain Management (G)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120  
**Upper Division Hours:** 50 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)

- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map

### Business (Global Logistics Management), BA

School/College: [W. P. Carey School of Business](#)

Location: [Online](#) [ASU Local](#)

BABUSGLBA

Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 WPC 101: Student Success in Business	1		<ul style="list-style-type: none"> <li>ASU 101 or College specific equivalent First Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement</li> <li>Create your first college <a href="#">resume</a></li> </ul>
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 16 Credit Hours	Hours	Minimum Grade	Notes
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	<ul style="list-style-type: none"> <li>View ASU Online first-time freshmen registration information <a href="#">here</a>.</li> <li>Students must complete two math courses. Students will complete either MAT 117 and MAT 210 (MAT 117 Track) OR MAT 210 and MAT 211 or a quantitative course (MAT 210 Track)</li> <li>Students will be completing MAT 117 (MAT 117 Track) or MAT 210 (MAT 210 Track) in term 1</li> <li>Join a <a href="#">student club or organization</a></li> </ul>
SOC course (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	9		

Term 2 - A 16 - 25.25 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>Students will be completing MAT 210 (MAT 117 Track) OR MAT 211 or a quantitative course (MAT 210 Track) in term 2</li> <li>WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit.</li> <li>Research <a href="#">study abroad opportunities</a> recommended for your major</li> </ul>
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
Term hours subtotal:	9.25		

Term 2 - B 25.25 - 31.25 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
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COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions 3

ECN 211: Macroeconomic Principles (SB) 3 C

❗ Complete ENG 101 OR ENG 105 OR ENG 107 course(s).

❗ Minimum 2.00 GPA ASU Cumulative.

Term hours subtotal: 6

Term 3 - A 31.25 - 40.25 Credit Hours	Hours	Minimum Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	<ul style="list-style-type: none"> <li>• Explore <b>career resources</b></li> <li>• Meet with your <b>W. P. Carey Career Coach</b></li> <li>• Attend <b>W. P. Carey and ASU Career Fairs</b></li> </ul>
ECN 212: Microeconomic Principles (SB)	3	C	
PSY course (SB)	3		
Term hours subtotal:	9		

Term 3 - B 40.25 - 46.50 Credit Hours <b>Critical course signified by</b>	Hours	Minimum Grade	Notes
❗ ACC 241: Uses of Accounting Information II	3	C	<ul style="list-style-type: none"> <li>• Continuing first-year students will take WPC 248, after completing WPC 148</li> <li>• New transfer students will take WPC 347</li> <li>• Develop your <b>professional online presence</b></li> </ul>
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C	
Elective	3		
❗ Complete Mathematics (MA) requirement.			
Term hours subtotal:	6.25		

Term 4 - A 46.50 - 53.50 Credit Hours	Hours	Minimum Grade	Notes
ECN 221: Business Statistics (CS)	3	C	<ul style="list-style-type: none"> <li>• Attend <b>W. P. Carey and ASU career fairs</b></li> <li>• Apply for <b>internships</b> or <b>create one</b></li> </ul>
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	7		

Term 4 - B 53.50 - 59.50 Credit Hours <b>Critical course signified by</b>	Hours	Minimum Grade	Notes
❗ Cultural Diversity in the U.S. (C)	3		
Elective	3		
❗ Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	6		

Term 5 - A 59.50 - 65.75 Credit Hours <b>Necessary course signified by</b>	Hours	Minimum Grade	Notes
★ SCM 300: Global Supply Operations	3	C	<ul style="list-style-type: none"> <li>• Meet with your <b>W. P. Carey Career Coach</b></li> <li>• Update your <b>resume</b></li> </ul>
MKT 300: Marketing and Business Performance	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
Term hours subtotal:	6.25		

Term 5 - B 65.75 - 74.75 Credit Hours <b>Necessary course signified by</b>	Hours	Minimum Grade	Notes
★ MGT 300: Principles of Management and Leadership	3	C	<ul style="list-style-type: none"> <li>• Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.</li> </ul>
ENG 302: Business Writing (L)	3		
WPC 300: Problem Solving and Actionable Analytics	3	C	

Term hours subtotal: 9

<b>Term 6 - A 74.75 - 81.75 Credit Hours Necessary course signified by</b> ★	<b>Hours</b>	<b>Minimum Grade</b>	<b>Notes</b>
★ SCM 354: Procurement of Services	3	C	• Complete informational interviews
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	7		

<b>Term 6 - B 81.75 - 90.75 Credit Hours Necessary course signified by</b> ★	<b>Hours</b>	<b>Minimum Grade</b>	<b>Notes</b>
★ FIN 300: Fundamentals of Finance	3	C	• Complete an in person or virtual practice interview with your W. P. Carey Career Coach
Upper Division International Business Course AND Global Awareness (G)	3	C	
Humanities, Arts and Design (HU)	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	9		

<b>Term 7 - A 90.75 - 96.75 Credit Hours Necessary course signified by</b> ★	<b>Hours</b>	<b>Minimum Grade</b>	<b>Notes</b>
★ SCM 314: Analytics for Logistics	3	C	• Attend W. P. Carey and ASU Career Fairs
★ SCM 385: Business and Sustainability I	3	C	
Term hours subtotal:	6		

<b>Term 7 - B 96.75 - 105.75 Credit Hours Necessary course signified by</b> ★	<b>Hours</b>	<b>Minimum Grade</b>	<b>Notes</b>
★ MGT 411: Leading Organizations	3	C	• Gather professional references • Update your resume
★ SCM 344: Applied Logistics Management	3	C	
LES 305: Business Law and Ethics for Managers	3	C	
Term hours subtotal:	9		

<b>Term 8 - A 105.75 - 114.00 Credit Hours Necessary course signified by</b> ★	<b>Hours</b>	<b>Minimum Grade</b>	<b>Notes</b>
★ SCM 445: Advanced Logistics Management	3	C	• Apply for full-time career opportunities
WPC 448: Senior Career Transition Management	0.25	C	
Upper Division Elective OR WPC 484: Internship	3		
Upper Division Elective	2		
Term hours subtotal:	8.25		

<b>Term 8 - B 114.00 - 120.00 Credit Hours</b>	<b>Hours</b>	<b>Minimum Grade</b>	<b>Notes</b>
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	6		

- Students cannot share Upper Division International Business Elective with concentration course requirements.

Hide Course List(s)/Track Group(s)

MAT 117 Track (dependent on the student's math placement)	MAT 210 Track (dependent on the student's math placement)	Upper Division International Business Course-select one course (3 credit hours)
MAT 117: College Algebra (MA)	MAT 210: Brief Calculus (MA)	AGB 302: International Management and Agribusiness (G)
MAT 210: Brief Calculus (MA)	MAT 211: Mathematics for Business Analysis or ACO 100: All About Data: Design, Query, and Visualization (CS) or EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	ECN 306: Survey of International Economics (SB & G)
		MGT 302: Principles of International Business (G)
		MKT 425: Global Marketing Management (G)
		SCM 463: Global Supply Chain Management (G)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 50 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map




### Business (Global Politics), BA


School/College: W. P. Carey School of Business

Location: Tempe

BABUSGPBA

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 WPC 101: Student Success in Business	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement</li> <li>Students must complete two math courses. Students will complete either MAT 117 and MAT 210 (MAT 117 Track) OR MAT 210 and MAT 211 or a quantitative course (MAT 210 Track)</li> <li>Students will be completing MAT 117 (MAT 117 Track) or MAT 210 (MAT 210 Track) in term 1</li> <li>Join a student <b>club or organization</b></li> <li>Create your first college <b>resume</b></li> </ul>
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
SOC course (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	16		

Term 2 16 - 31.25 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ECN 211: Macroeconomic Principles (SB)	3	C	<ul style="list-style-type: none"> <li>Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your <b>academic advisor</b> for more information and options.</li> <li>Students will be completing MAT 210 (MAT 117 Track) OR MAT 211 or a quantitative course (MAT 210 Track) in term 2</li> <li>WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit..</li> <li>Explore student <b>leadership opportunities</b> in W. P. Carey</li> <li>Research <b>study abroad opportunities</b> recommended for your major</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
PSY course (SB)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15.25		

Term 3 31.25 - 47.50 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	<ul style="list-style-type: none"> <li>Continuing first-year students will take WPC 248, after completing WPC 148</li> </ul>

COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3	
ECN 212: Microeconomic Principles (SB)	3	C
ECN 221: Business Statistics (CS)	3	C
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C
Natural Science - Quantitative (SQ)	4	
🚩 Complete Mathematics (MA) requirement.		
Term hours subtotal:	16.25	

- New transfer students will take WPC 347
- Explore [career resources](#)
- Develop your [professional online presence](#)
- Meet with your [W. P. Carey Career Coach](#)
- Attend [W. P. Carey](#) and [ASU Career Fairs](#)

Term 4 47.50 - 62.50 Credit Hours <b>Critical course signified by</b> 🚩	Hours	Minimum Grade	Notes
ACC 241: Uses of Accounting Information II	3	C	
Global Politics Concentration Course - Comparative Politics	3	C	
Humanities, Arts and Design (HU)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Upper Division Elective	2		
🚩 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15		

- Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your [academic advisor](#) for more information and options.
- Attend [W. P. Carey](#) and [ASU](#) career fairs
- Apply for [internships](#) or [create one](#)

Term 5 62.50 - 77.75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Upper Division Global Politics Concentration Course - Global Issues and Problems	3	C	
ENG 302: Business Writing (L)	3		
FIN 300: Fundamentals of Finance	3	C	
MKT 300: Marketing and Business Performance	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
Upper Division Elective	3		
Term hours subtotal:	15.25		

- Students pursuing concurrent degrees within [W. P. Carey](#) cannot share coursework in the major. Major coursework must be unique to each degree program.
- Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your [academic advisor](#) for more information and options.
- Meet with your [W. P. Carey Career Coach](#)
- Update your [resume](#)

Term 6 77.75 - 92.75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Global Politics Concentration Course - World Politics	3	C	
★ POS 350: Comparative Politics (SB & G)	3	C	
WPC 300: Problem Solving and Actionable Analytics	3	C	
Upper Division International Business Course AND Global Awareness (G)	3	C	
Upper Division Elective OR POS 484: Internship OR WPC 484: Internship	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		



- Complete an in person or virtual practice interview with your [W. P. Carey Career Coach](#)
- Meet with your academic advisor to discuss your internship course options

Term 7 92.75 - 107.75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ POS 360: World Politics (SB & G)	3	C	

- Attend [W. P. Carey](#) and [ASU Career Fairs](#)

MGT 300: Principles of Management and Leadership	3	C
SCM 300: Global Supply Operations	3	C
Cultural Diversity in the U.S. (C)	3	
Upper Division Elective OR POS 484: Internship OR WPC 484: Internship	3	
Term hours subtotal:	15	

- Gather professional references
- Update your resume
- Meet with your academic advisor to discuss your internship course options

Term 8 107.75 - 120.00 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
 Upper Division Global Politics Concentration Course - Global Issues and Problems	3	C	<ul style="list-style-type: none"> <li>• Apply for full-time career opportunities</li> <li>• Meet with your academic advisor to discuss your internship course options</li> </ul>
LES 305: Business Law and Ethics for Managers	3	C	
WPC 448: Senior Career Transition Management	0.25	C	
Literacy and Critical Inquiry (L)	3		
Upper Division Elective OR POS 484: Internship OR WPC 484: Internship	3		
Term hours subtotal:	12.25		

Hide Course List(s)/Track Group(s)

MAT 117 Track (dependent on the student's math placement)	MAT 210 Track (dependent on the student's math placement)	Global Politics Concentration (Comparative Politics) - select one course (3 credit hours)
MAT 117: College Algebra (MA)	MAT 210: Brief Calculus (MA)	CEL 320: Modern Political Thought: Origins and Debates about Modern Liberty
MAT 210: Brief Calculus (MA)	MAT 211: Mathematics for Business Analysis or ACO 100: All About Data: Design, Query, and Visualization (CS) or EDS 223: Design Thinking or EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	CEL 494: Political Leadership and Statesmanship
		POS 150: Comparative Government (SB & G)
		POS 210: Political Ideologies (SB)
		POS 341: History of Political Philosophy II (HU & H)
		POS 352: European Democracies
		POS 358: Southeast Asia (SB & G)
		POS 442: American Political Thought (HU)
		POS 452: China (SB & G)
		POS 453: Latin America (SB & G)
Global Politics Concentration (Global Issues and Problems) - select two courses (6 credit hours)	Global Politics Concentration (World Politics) - select one course (3 credit hours)	Upper Division International Business Course - select one course (3 credit hours)
CEL 394: Left and Right Around the World	POS 300: Contemporary Global Controversies (SB & G)	AGB 302: International Management and Agribusiness (G)
CEL 494: Political Thought: Islam, Hinduism, Confucianism	POS 346: Problems of Democracy (HU)	ECN 306: Survey of International Economics (SB & G)
POS 351: Democratization (SB & G)	POS 348: Do You Want to Build a Nation? (L)	MGT 302: Principles of International Business (G)
POS 361: American Foreign Policy (SB & G)	POS 443: Topics in Contemporary Political Theory (HU)	MKT 425: Global Marketing Management (G)

POS 364: National Security, Intelligence, and Terrorism (SB)	POS 470: Law and the Political Order (SB)	SCM 463: Global Supply Chain Management (G)
POS 367: World Politics and Global Inequalities (G)	POS 475: Morality and Politics	
	POS 486: International Political Economy (SB & G)	
	SGS 101: Thinking Globally (SB & G) or SGS 301: Principles of Global Studies (G)	
	SGS 350: Economic Development and Globalization	

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 50 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.







## 2023 - 2024 Major Map

### Business (Health Care), BA

School/College: W. P. Carey School of Business

Location: West

BABUSHCBA

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 WPC 101: Student Success in Business	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement</li> <li>Students must complete two math courses. Students will complete either MAT 117 and MAT 210 (MAT 117 Track) OR MAT 210 and MAT 211 or a quantitative course (MAT 210 Track)</li> <li>Students will be completing MAT 117 (MAT 117 Track) or MAT 210 (MAT 210 Track) in term 1</li> <li>Join a student <b>club or organization</b></li> <li>Create your first college <b>resume</b></li> </ul>
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
SOC course (SB)	3		
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	16		
Term 2 16 - 31.25 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ECN 211: Macroeconomic Principles (SB)	3	C	<ul style="list-style-type: none"> <li>Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your <b>academic advisor</b> for more information and options.</li> <li>Students will be completing MAT 210 (MAT 117 Track) OR MAT 211 or a quantitative course (MAT 210 Track) in term 2</li> <li>WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit.</li> <li>Explore student <b>leadership opportunities</b> in W. P. Carey</li> <li>Research <b>study abroad opportunities</b> recommended for your major</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
PSY course (SB)	3	C	
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15.25		
Term 3 31.25 - 47.50 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	<ul style="list-style-type: none"> <li>Continuing first-year students will take WPC 248, after completing WPC 148</li> </ul>





COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3	
ECN 212: Microeconomic Principles (SB)	3	C
ECN 221: Business Statistics (CS)	3	C
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C
Natural Science - Quantitative (SQ)	4	
🚩 Complete Mathematics (MA) requirement.		
Term hours subtotal:	16.25	



- New transfer students will take WPC 347
- Explore [career resources](#)
- Develop your [professional online presence](#)
- Meet with your [W. P. Carey Career Coach](#)
- Attend [W. P. Carey and ASU Career Fairs](#)

Term 4 47.50 - 63.50 Credit Hours <b>Critical course signified by</b> 🚩	Hours	Minimum Grade	Notes
ACC 241: Uses of Accounting Information II	3	C	
HCR 220: Introduction to Health Professions and the U.S. Health Care System (H)	3	C	<ul style="list-style-type: none"> <li>• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your <a href="#">academic advisor</a> for more information and options.</li> <li>• Attend <a href="#">W. P. Carey and ASU career fairs</a></li> <li>• Apply for <a href="#">internships</a> or <a href="#">create one</a></li> </ul>
Cultural Diversity in the U.S. (C)	3		
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
🚩 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 5 63.50 - 78.75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ MGT 300: Principles of Management and Leadership	3	C	<ul style="list-style-type: none"> <li>• Choose one of the available five Health Care tracks and within that track, complete at least four courses (12 credit hours).</li> <li>• Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.</li> <li>• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your <a href="#">academic advisor</a> for more information and options.</li> <li>• Meet with your <a href="#">W. P. Carey Career Coach</a></li> <li>• Update your <a href="#">resume</a></li> </ul>
★ SCM 300: Global Supply Operations	3	C	
ENG 302: Business Writing (L)	3		
MKT 300: Marketing and Business Performance	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
Business Health Care Track Course	3	C	
Term hours subtotal:	15.25		

Term 6 78.75 - 93.75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Upper Division Business Health Care Track Course	3	C	<ul style="list-style-type: none"> <li>• Complete <a href="#">informational interviews</a></li> <li>• Complete an in person or virtual practice interview with your <a href="#">W. P. Carey Career Coach</a></li> </ul>
WPC 300: Problem Solving and Actionable Analytics	3	C	
Upper Division International Business Elective AND Global Awareness (G)	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93.75 - 107.75 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
 Upper Division Business Health Care Track Course	3	C	<ul style="list-style-type: none"> <li>All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 470</li> <li>Attend <b>W. P. Carey</b> and ASU Career Fairs</li> <li>Gather <b>professional references</b></li> <li>Update your <b>resume</b></li> <li>Meet with your academic advisor to discuss your internship course options</li> </ul>
FIN 300: Fundamentals of Finance	3	C	
LES 305: Business Law and Ethics for Managers	3	C	
Upper Division Elective OR WPC 484: Internship	3		
Upper Division Elective	2		
Term hours subtotal:	14		

Term 8 107.75 - 120.00 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
 WPC 470: Business Administration Capstone	3	C	<ul style="list-style-type: none"> <li>Apply for <b>full-time career opportunities</b></li> </ul>
WPC 448: Senior Career Transition Management	0.25	C	
Upper Division Business Health Care Track Course	3	C	
Humanities, Arts and Design (HU)	3		
Upper Division Elective	3		
Term hours subtotal:	12.25		

Hide Course List(s)/Track Group(s)

MAT 117 Track (dependent on the student's math placement)	MAT 210 Track (dependent on the student's math placement)	Health Care Analytics - 4 courses (12 credit hours)
MAT 117: College Algebra (MA)	MAT 210: Brief Calculus (MA)	CIS 235: Introduction to Information Systems
MAT 210: Brief Calculus (MA)	MAT 211: Mathematics for Business Analysis or ACO 100: All About Data: Design, Query, and Visualization (CS) or EDS 223: Design Thinking or EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	CIS 308: Advanced Excel in Business CIS 310: Business Data Visualization CIS 405: Business Intelligence
Health Care Community - 4 courses (12 credit hours)	Health Care Coordination - 4 courses (12 credit hours)	Health Care Delivery - 4 courses (12 credit hours)
HCR 231: Fundamentals of Community Health	HCR 302: Social Determinants of Health	HCD 302: Health Care Management
HCR 335: Program Development and Management for Community Health	HCR 321: Advanced Concepts for Health Care Coordination	HCD 303: Global Health Care Systems (G) HCD 304: Health Care Finance
HCR 430: Foundation to Health Care Systems	HCR 420: Professional Role Development: Health Care Coordination	HCD 330: Health Care Systems in the U.S.
HCR 435: Leaders in Community Health	HCR 422: Policy and Financial Principles in Health Care Coordination	HCD 401: Leadership and Professionalism HCD 402: Health Economics HCD 403: Process Engineering
Health Care Innovation - 4 courses (12 credit hours)	Upper Division International Business Course - one course (3 credit hours)	

HCI 311: Health Innovation: Foundational Concepts	AGB 302: International Management and Agribusiness (G)
HCI 421: Health Care Policy: The Innovator's View	ECN 306: Survey of International Economics (SB & G)
HCI 425: Facilitating Innovation to Achieve Outcomes	MGT 302: Principles of International Business (G)
HCI 428: Technology: A Tool to Advance Innovation in Health Care	MKT 425: Global Marketing Management (G) SCM 463: Global Supply Chain Management (G)

**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 50 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map




### Business (Human Resources), BA

School/College: W. P. Carey School of Business

Location: Polytechnic

BABUSHRBA

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 WPC 101: Student Success in Business	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement</li> <li>Students must complete two math courses. Students will complete either MAT 117 and MAT 210 (MAT 117 Track) OR MAT 210 and MAT 211 or a quantitative course (MAT 210 Track)</li> <li>Students will be completing MAT 117 (MAT 117 Track) or MAT 210 (MAT 210 Track) in term 1</li> <li>Join a student <b>club or organization</b></li> <li>Create your first college <b>resume</b></li> </ul>
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
SOC course (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	16		

Term 2 16 - 31.25 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3		<ul style="list-style-type: none"> <li>Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your <b>academic advisor</b> for more information and options.</li> <li>Students will be completing MAT 210 (MAT 117 Track) OR MAT 211 or a quantitative course (MAT 210 Track) in term 2</li> <li>WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit.</li> <li>Explore student <b>leadership opportunities</b> in W. P. Carey</li> <li>Research <b>study abroad opportunities</b> recommended for your major</li> </ul>
ECN 211: Macroeconomic Principles (SB)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15.25		

Term 3 31.25 - 47.50 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
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ACC 231: Uses of Accounting Information I	3	C
ECN 212: Microeconomic Principles (SB)	3	C
ECN 221: Business Statistics (CS)	3	C
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C
PSY course (SB)	3	
Natural Science - Quantitative (SQ)	4	
◆ Complete Mathematics (MA) requirement.		
Term hours subtotal:	16.25	

- Continuing first-year students will take WPC 248, after completing WPC 148
- New transfer students will take WPC 347
- Explore [career resources](#)
- Develop your [professional online presence](#)
- Meet with your [W. P. Carey Career Coach](#)
- Attend [W. P. Carey](#) and [ASU Career Fairs](#)

Term 4 47.50 - 63.50 Credit Hours <b>Critical course signified by</b> ◆	Hours	Minimum Grade	Notes
ACC 241: Uses of Accounting Information II	3	C	
Cultural Diversity in the U.S. (C)	3		
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	3		
◆ Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

- Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your [academic advisor](#) for more information and options.
- Attend [W. P. Carey](#) and [ASU career fairs](#)
- Apply for [internships](#) or [create one](#)

Term 5 63.50 - 78.75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ MGT 300: Principles of Management and Leadership	3	C	
ENG 302: Business Writing (L)	3		
MKT 300: Marketing and Business Performance	3	C	
SCM 300: Global Supply Operations	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	15.25		

- Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your [academic advisor](#) for more information and options.
- Meet with your [W. P. Carey Career Coach](#)
- Update your [resume](#)

Term 6 78.75 - 93.75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ MGT 420: Human Resource Management	3	C	
LES 305: Business Law and Ethics for Managers	3	C	
WPC 300: Problem Solving and Actionable Analytics	3	C	
Upper Division International Business Course AND Global Awareness (G)	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

- Complete [informational interviews](#)
- Complete an in person or virtual practice interview with your [W. P. Carey Career Coach](#)

Term 7 93.75 - 107.75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ MGT 421: Compensation in Organizations	3	C	
★ MGT 423: Training and Development in Organizations	3	C	
★ MGT 425: Global Human Resources	3	C	

- Attend [W. P. Carey](#) and [ASU Career Fairs](#)
- Gather [professional references](#)
- Update your [resume](#)

Upper Division Elective OR MGT 484: Internship	3
Upper Division Elective	2
Term hours subtotal:	14

- Meet with your academic advisor to discuss your internship course options

Term 8 107.75 - 120.00 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ MGT 422: Staffing	3	C	• Apply for full-time career opportunities
★ MGT 424: Employment Law	3	C	
FIN 300: Fundamentals of Finance	3	C	
WPC 448: Senior Career Transition Management	0.25	C	
Elective	3		
Term hours subtotal:	12.25		

Hide Course List(s)/Track Group(s)

MAT 117 Track (dependent on the student's math placement)	MAT 210 Track (dependent on the student's math placement)	Upper Division International Business Course-select one course (3 credit hours)
MAT 117: College Algebra (MA)	MAT 210: Brief Calculus (MA)	AGB 302: International Management and Agribusiness (G)
MAT 210: Brief Calculus (MA)	MAT 211: Mathematics for Business Analysis or ACO 100: All About Data: Design, Query, and Visualization (CS) or EDS 223: Design Thinking or EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	ECN 306: Survey of International Economics (SB & G)
		MGT 302: Principles of International Business (G)
		MKT 425: Global Marketing Management (G)
		SCM 463: Global Supply Chain Management (G)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120  
**Upper Division Hours:** 50 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.




## 2023 - 2024 Major Map

### Business (Human Resources), BA

School/College: W. P. Carey School of Business

Location: Online ASU Local

BABUSHRBA

Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 WPC 101: Student Success in Business	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement.</li> <li>Join a <b>student club or organization</b>.</li> </ul>
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		
Term 1 - B 7 - 16 Credit Hours	Hours	Minimum Grade	Notes
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> <li>Students must complete two math courses. Students will complete either MAT 117 and MAT 210 (MAT 117 Track) OR MAT 210 and MAT 211 or a quantitative course (MAT 210 Track).</li> <li>Students will complete MAT 117 (MAT 117 Track) or MAT 210 (MAT 210 Track) in Term 1.</li> </ul>
SOC course (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	9		
Term 2 - A 16 - 25.25 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>Students will complete MAT 210 (MAT 117 Track) OR MAT 211 or a quantitative course (MAT 210 Track) in Term 2.</li> <li>WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit.</li> <li>Research <b>study abroad opportunities</b> recommended for your major.</li> </ul>
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
Term hours subtotal:	9.25		
Term 2 - B 25.25 - 31.25 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes



COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions 3

ECN 211: Macroeconomic Principles (SB) 3 C

❗ Complete ENG 101 OR ENG 105 OR ENG 107 course(s).

❗ Minimum 2.00 GPA ASU Cumulative.

Term hours subtotal: 6

Term 3 - A 31.25 - 40.25 Credit Hours	Hours	Minimum Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	<ul style="list-style-type: none"> <li>• Explore career resources</li> <li>• Meet with your W. P. Carey Career Coach</li> <li>• Attend W. P. Carey and ASU Career Fairs</li> </ul>
PSY course (SB)	3		
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	9		

Term 3 - B 40.25 - 46.50 Credit Hours <b>Critical course signified by</b>	Hours	Minimum Grade	Notes
❗ ACC 241: Uses of Accounting Information II	3	C	<ul style="list-style-type: none"> <li>• Continuing first-year students will take WPC 248, after completing WPC 148.</li> <li>• New transfer students will take WPC 347.</li> <li>• Develop your professional online presence</li> </ul>
ECN 212: Microeconomic Principles (SB)	3	C	
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C	
❗ Complete Mathematics (MA) requirement.			
Term hours subtotal:	6.25		

Term 4 - A 46.50 - 55.50 Credit Hours	Hours	Minimum Grade	Notes
ECN 221: Business Statistics (CS)	3	C	<ul style="list-style-type: none"> <li>• Attend W. P. Carey and ASU career fairs.</li> <li>• Apply for internships or create one.</li> </ul>
Literacy and Critical Inquiry (L)	3		
Elective	3		
Term hours subtotal:	9		



Term 4 - B 55.50 - 62.50 Credit Hours <b>Critical course signified by</b>	Hours	Minimum Grade	Notes
❗ Cultural Diversity in the U.S. (C)	3		<ul style="list-style-type: none"> <li>• Meet with your W. P. Carey Career Coach.</li> <li>• Update your resume.</li> </ul>
Natural Science - Quantitative (SQ)	4		
❗ Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	7		

Term 5 - A 62.50 - 68.75 Credit Hours	Hours	Minimum Grade	Notes
MKT 300: Marketing and Business Performance	3	C	<ul style="list-style-type: none"> <li>• Meet with your W. P. Carey Career Coach.</li> <li>• Update your resume.</li> </ul>
SCM 300: Global Supply Operations	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
Term hours subtotal:	6.25		



Term 5 - B 68.75 - 77.75 Credit Hours <b>Necessary course signified by</b>	Hours	Minimum Grade	Notes
★ MGT 300: Principles of Management and Leadership	3	C	
ENG 302: Business Writing (L)	3		
Elective	3		




Term hours subtotal: 9



- Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.



Term 6 - A 77.75 - 85.75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 MGT 420: Human Resource Management	3	C	<ul style="list-style-type: none"> <li>• Complete an in person or virtual <b>practice interview</b>.</li> </ul>
WPC 300: Problem Solving and Actionable Analytics	3	C	
Upper Division Elective	2		
Term hours subtotal:	8		

Term 6 - B 85.75 - 91.75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 Upper Division International Business Course AND Global Awareness (G)	3	C	<ul style="list-style-type: none"> <li>• Cannot share Upper Division International Business Elective with concentration course requirements.</li> <li>• Complete an in person or virtual practice interview with your <b>W. P. Carey Career Coach</b>.</li> </ul>
FIN 300: Fundamentals of Finance	3	C	
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 91.75 - 101.75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 MGT 421: Compensation in Organizations	3	C	<ul style="list-style-type: none"> <li>• Attend <b>W. P. Carey and ASU Career Fairs</b>.</li> </ul>
LES 305: Business Law and Ethics for Managers	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	10		

Term 7 - B 101.75 - 107.75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 MGT 423: Training and Development in Organizations	3	C	<ul style="list-style-type: none"> <li>• Gather <b>professional references</b>.</li> <li>• Update your <b>resume</b>.</li> </ul>
 MGT 425: Global Human Resources	3	C	
Term hours subtotal:	6		

Term 8 - A 107.75 - 114.00 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 MGT 422: Staffing	3	C	<ul style="list-style-type: none"> <li>• Apply for <b>full-time career opportunities</b>.</li> </ul>
WPC 448: Senior Career Transition Management	0.25	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	6.25		

Term 8 - B 114.00 - 120.00 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 MGT 424: Employment Law	3	C	
Upper Division Elective OR WPC 484: Internships & Applied Academics	3		
Term hours subtotal:	6		

Hide Course List(s)/Track Group(s)

MAT 117 Track (dependent on the student's math placement)	MAT 210 Track (dependent on the student's math placement)	Upper Division International Business Course - select one course (3 credit hours)
MAT 117: College Algebra (MA)	MAT 210: Brief Calculus (MA)	AGB 302: International Management and Agribusiness (G)
MAT 210: Brief Calculus (MA)	MAT 211: Mathematics for Business Analysis or ACO 100: All About Data: Design, Query, and Visualization (CS) or EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	ECN 306: Survey of International Economics (SB & G)
		MGT 302: Principles of International Business (G)
		MKT 425: Global Marketing Management (G)
		SCM 463: Global Supply Chain Management (G)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map




### Business (Information Security), BA


School/College: W. P. Carey School of Business

Location: West

BABUSISBA

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 WPC 101: Student Success in Business	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement</li> <li>Students must complete two math courses. Students will complete either MAT 117 and MAT 210 (MAT 117 Track) OR MAT 210 and MAT 211 or a quantitative course (MAT 210 Track)</li> <li>Students will be completing MAT 117 (MAT 117 Track) or MAT 210 (MAT 210 Track) in term 1</li> <li>Join a student <b>club or organization</b></li> <li>Create your first college <b>resume</b></li> </ul>
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
SOC course (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	16		

Term 2 16 - 31.25 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ECN 211: Macroeconomic Principles (SB)	3	C	<ul style="list-style-type: none"> <li>Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your <b>academic advisor</b> for more information and options.</li> <li>Students will be completing MAT 210 (MAT 117 Track) OR MAT 211 or a quantitative course (MAT 210 Track) in term 2</li> <li>WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit.</li> <li>Explore student <b>leadership opportunities</b> in W. P. Carey</li> <li>Research <b>study abroad opportunities</b> recommended for your major</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
PSY course (SB)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15.25		

Term 3 31.25 - 47.50 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	<ul style="list-style-type: none"> <li>Continuing first-year students will take WPC 248, after completing WPC 148</li> </ul>

COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3	
ECN 212: Microeconomic Principles (SB)	3	C
ECN 221: Business Statistics (CS)	3	C
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C
Natural Science - Quantitative (SQ)	4	
❗ Complete Mathematics (MA) requirement.		
Term hours subtotal:	16.25	

- New transfer students will take WPC 347
- Explore [career resources](#)
- Develop your [professional online presence](#)
- Meet with your [W. P. Carey Career Coach](#)
- Attend [W. P. Carey and ASU Career Fairs](#)

Term 4 47.50 - 63.50 Credit Hours <b>Critical course signified by</b> ❗	Hours	Minimum Grade	Notes
ACC 241: Uses of Accounting Information II	3	C	<ul style="list-style-type: none"> <li>• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your <a href="#">academic advisor</a> for more information and options.</li> <li>• Attend <a href="#">W. P. Carey and ASU career fairs</a></li> <li>• Apply for <a href="#">internships</a> or <a href="#">create one</a></li> </ul>
CIS 235: Introduction to Information Systems	3	C	
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	3		
❗ Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 5 63.50 - 78.75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ CIS 325: Fundamental Techniques for Business Data Analytics	3	C	<ul style="list-style-type: none"> <li>• Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.</li> <li>• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your <a href="#">academic advisor</a> for more information and options.</li> <li>• Meet with your <a href="#">W. P. Carey Career Coach</a></li> <li>• Update your <a href="#">resume</a></li> </ul>
★ CIS 360: Business Database Concepts	3	C	
ENG 302: Business Writing (L)	3		
MKT 300: Marketing and Business Performance	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	15.25		

Term 6 78.75 - 93.75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ ACO 351: Governance, Risk and Compliance OR ACO 402: Privacy, Ethics and Compliance Issues or CIS 402: Privacy, Ethics and Compliance Issues	3	C	<ul style="list-style-type: none"> <li>• Complete <a href="#">informational interviews</a></li> <li>• Complete an in person or virtual practice interview with your <a href="#">W. P. Carey Career Coach</a></li> </ul>
★ CIS 401: Managing Cyber Risks in Enterprise Business Processes	3	C	
WPC 300: Problem Solving and Actionable Analytics	3	C	
Upper Division International Business Elective AND Global Awareness (G)	3	C	
Humanities, Arts and Design (HU)	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93.75 - 107.75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
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★ ACO 330: Computer Networks	3	C
FIN 300: Fundamentals of Finance	3	C
SCM 300: Global Supply Operations	3	C
Upper Division Elective OR WPC 484: Internship	3	
Upper Division Elective	2	
Term hours subtotal:	14	

- Attend W. P. Carey and ASU Career Fairs
- Gather professional references
- Update your resume
- Meet with your academic advisor to discuss your internship course options

Term 8 107.75 - 120.00 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ FOR 350: Computer Forensics	3	C	• Apply for full-time career opportunities
LES 305: Business Law and Ethics for Managers	3	C	
MGT 300: Principles of Management and Leadership	3	C	
WPC 448: Senior Career Transition Management	0.25	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	12.25		

- ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.

Hide Course List(s)/Track Group(s)

MAT 117 Track (dependent on the student's math placement)	MAT 210 Track (dependent on the student's math placement)	Upper Division International Business Course-select one course (3 credit hours)
MAT 117: College Algebra (MA)	MAT 210: Brief Calculus (MA)	AGB 302: International Management and Agribusiness (G)
MAT 210: Brief Calculus (MA)	MAT 211: Mathematics for Business Analysis or ACO 100: All About Data: Design, Query, and Visualization (CS) or EDS 223: Design Thinking or EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	ECN 306: Survey of International Economics (SB & G)
		MGT 302: Principles of International Business (G)
		MKT 425: Global Marketing Management (G)
		SCM 463: Global Supply Chain Management (G)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120  
**Upper Division Hours:** 50 minimum  
**Major GPA:** 2.00 minimum

**General University Requirements Legend**  
 General Studies Core Requirements:

**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for**  
**Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.




## 2023 - 2024 Major Map

### Business (Information Security), BA

School/College: [W. P. Carey School of Business](#)

Location: [Online ASU Local](#)

BABUSISBA

Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 WPC 101: Student Success in Business	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement</li> <li>Create your first college <a href="#">resume</a></li> </ul>
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		
Term 1 - B 7 - 16 Credit Hours	Hours	Minimum Grade	Notes
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	<ul style="list-style-type: none"> <li>View ASU Online first-time freshmen registration information <a href="#">here</a>.</li> <li>Students must complete two math courses. Students will complete either MAT 117 and MAT 210 (MAT 117 Track) OR MAT 210 and MAT 211 or a quantitative course (MAT 210 Track)</li> <li>Students will be completing MAT 117 (MAT 117 Track) or MAT 210 (MAT 210 Track) in term 1</li> <li>Join a <a href="#">student club or organization</a></li> </ul>
SOC course (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	9		
Term 2 - A 16 - 25.25 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>Students will be completing MAT 210 (MAT 117 Track) OR MAT 211 or a quantitative course (MAT 210 Track) in term 2</li> <li>WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit.</li> <li>Research <a href="#">study abroad opportunities</a> recommended for your major</li> </ul>
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
Term hours subtotal:	9.25		
Term 2 - B 25.25 - 31.25 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes



COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions 3

ECN 211: Macroeconomic Principles (SB) 3 C

❗ Complete ENG 101 OR ENG 105 OR ENG 107 course(s).

❗ Minimum 2.00 GPA ASU Cumulative.

Term hours subtotal: 6

Term 3 - A 31.25 - 40.25 Credit Hours	Hours	Minimum Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	<ul style="list-style-type: none"> <li>• Explore <b>career resources</b></li> <li>• Meet with your <b>W. P. Carey Career Coach</b></li> <li>• Attend <b>W. P. Carey and ASU Career Fairs</b></li> </ul>
ECN 212: Microeconomic Principles (SB)	3	C	
PSY course (SB)	3		
Term hours subtotal:	9		

Term 3 - B 40.25 - 46.50 Credit Hours <b>Critical course signified by</b> ❗	Hours	Minimum Grade	Notes
ACC 241: Uses of Accounting Information II	3	C	<ul style="list-style-type: none"> <li>• Continuing first-year students will take WPC 248, after completing WPC 148</li> <li>• New transfer students will take WPC 347</li> <li>• Develop your <b>professional online presence</b></li> </ul>
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C	
Elective	3		
❗ Complete Mathematics (MA) requirement.			
Term hours subtotal:	6.25		

Term 4 - A 46.50 - 55.50 Credit Hours	Hours	Minimum Grade	Notes
ECN 221: Business Statistics (CS)	3	C	<ul style="list-style-type: none"> <li>• Attend <b>W. P. Carey and ASU career fairs</b></li> <li>• Apply for <b>internships</b> or <b>create one</b></li> </ul>
Natural Science - Quantitative (SQ)	4		
Upper Division Elective	2		
Term hours subtotal:	9		

Term 4 - B 55.50 - 61.50 Credit Hours <b>Critical course signified by</b> ❗	Hours	Minimum Grade	Notes
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Cultural Diversity in the U.S. (C)	3		
❗ Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	6		

Term 5 - A 61.50 - 67.75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ CIS 235: Introduction to Information Systems	3	C	<ul style="list-style-type: none"> <li>• Meet with your <b>W. P. Carey Career Coach</b></li> <li>• Update your <b>resume</b></li> </ul>
MKT 300: Marketing and Business Performance	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
Term hours subtotal:	6.25		

Term 5 - B 67.75 - 76.75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ CIS 325: Fundamental Techniques for Business Data Analytics	3	C	<ul style="list-style-type: none"> <li>• Students pursuing concurrent degrees within <b>W. P. Carey</b> cannot share coursework in the</li> </ul>

★ CIS 401: Managing Cyber Risks in Enterprise Business Processes	3	C
WPC 300: Problem Solving and Actionable Analytics	3	C
Term hours subtotal:	9	

major. Major coursework must be unique to each degree program.

Term 6 - A 76.75 - 85.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CIS 402: Privacy, Ethics and Compliance Issues	3	C	<ul style="list-style-type: none"> <li>• Complete informational interviews</li> </ul>
ENG 302: Business Writing (L)	3		
SCM 300: Global Supply Operations	3	C	
Term hours subtotal:	9		

Term 6 - B 85.75 - 91.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CIS 360: Business Database Concepts	3	C	<ul style="list-style-type: none"> <li>• Complete an in person or virtual practice interview with your W. P. Carey Career Coach</li> </ul>
Upper Division International Business Course AND Global Awareness (G)	3	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 91.75 - 100.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ACO 330: Computer Networks	3	C	<ul style="list-style-type: none"> <li>• Attend W. P. Carey and ASU Career Fairs</li> </ul>
FIN 300: Fundamentals of Finance	3	C	
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	9		

Term 7 - B 100.75 - 107.75 Credit Hours	Hours	Minimum Grade	Notes
MGT 300: Principles of Management and Leadership	3	C	<ul style="list-style-type: none"> <li>• Gather professional references</li> <li>• Update your resume</li> </ul>
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	7		

Term 8 - A 107.75 - 114.00 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ FOR 350: Computer Forensics	3	C	<ul style="list-style-type: none"> <li>• Apply for full-time career opportunities</li> </ul>
WPC 448: Senior Career Transition Management	0.25	C	
Upper Division Elective OR WPC 484: Internship	3		
Term hours subtotal:	6.25		

Term 8 - B 114.00 - 120.00 Credit Hours	Hours	Minimum Grade	Notes
LES 305: Business Law and Ethics for Managers	3	C	
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	6		

- Students cannot share Upper Division International Business Elective with concentration course requirements.

Hide Course List(s)/Track Group(s)

MAT 117 Track (dependent on the student's math placement)	MAT 210 Track (dependent on the student's math placement)	Upper Division International Business Course-select one course (3 credit hours)
MAT 117: College Algebra (MA)	MAT 210: Brief Calculus (MA)	AGB 302: International Management and Agribusiness (G)
MAT 210: Brief Calculus (MA)	MAT 211: Mathematics for Business Analysis or ACO 100: All About Data: Design, Query, and Visualization (CS) or EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	ECN 306: Survey of International Economics (SB & G)
		MGT 302: Principles of International Business (G)
		MKT 425: Global Marketing Management (G)
		SCM 463: Global Supply Chain Management (G)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map




### Business (Language and Culture), BA

School/College: W. P. Carey School of Business



Location: Tempe, West

BABSLACUBA



Term 1 0 - 14 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 WPC 101: Student Success in Business	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement.</li> <li>Students must complete two math courses. Students will complete either MAT 117 and MAT 210 (MAT 117 Track) OR MAT 210 and MAT 211 or a quantitative course (MAT 210 Track)</li> <li>Students will be completing MAT 117 (MAT 117 Track) or MAT 210 (MAT 210 Track) in term 1</li> <li><b>ASU Language Placement:</b> Only true beginners are eligible for 101-level language courses. Students with previous experience in the language are required to take a language placement exam.</li> <li>Dependent upon your language proficiency, some language tracks may require more than 120 credit hours to complete this degree.</li> <li>Students choose one track option: Chinese, French, Italian, or Spanish. View track groups below for course options.</li> </ul>
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Language and Culture Track Course	4-8	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
Term hours subtotal:	14-18		

Term 2 14 - 30.25 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ECN 211: Macroeconomic Principles (SB)	3	C	<ul style="list-style-type: none"> <li>Explore student <b>leadership opportunities</b> in W. P. Carey</li> <li>Research <b>study abroad opportunities</b> recommended for your major</li> <li>Students choose one track option: Chinese, French, Italian, or Spanish. View track groups below for course options.</li> <li><b>WPC 150</b> is required of all first-year business students. Transfer students will not be required to complete WPC 150.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
Language and Culture Track Course	4-5	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Minimum 2.00 GPA ASU Cumulative.			



Term hours subtotal: 16.25-17.25




Term 3 30.25 - 45.50 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	<ul style="list-style-type: none"> <li>Continuing first-year students will take WPC 248, after completing WPC 148</li> <li>New transfer students will take WPC 347</li> <li>Explore <a href="#">career resources</a></li> <li>Develop your <a href="#">professional online presence</a></li> <li>Meet with your <a href="#">W. P. Carey Career Coach</a></li> <li>Attend <a href="#">W. P. Carey</a> and <a href="#">ASU Career Fairs</a></li> </ul>
ECN 212: Microeconomic Principles (SB)	3	C	
ECN 221: Business Statistics (CS)	3	C	
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C	
Language and Culture Track Course	3-5	C	
Humanities, Arts and Design (HU)	3		
 Complete Mathematics (MA) requirement.			

Term hours subtotal: 15.25-17.25

Term 4 45.50 - 61.50 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ACC 241: Uses of Accounting Information II	3	C	<ul style="list-style-type: none"> <li>Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your academic advisor for more information and options.</li> <li>Attend <a href="#">W. P. Carey</a> and <a href="#">ASU career fairs</a></li> <li>Apply for <a href="#">internships</a> or <a href="#">create one</a></li> </ul>
COM 263: Elements of Intercultural Communication (SB & C & G)	3		
Language and Culture Track Course	3-5	C	
Historical Awareness (H)	3		
Natural Science - Quantitative (SQ)	4		
 Minimum 2.00 GPA ASU Cumulative.			

Term hours subtotal: 16-18

Term 5 61.50 - 77.75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 Upper Division Language and Culture Track Course AND Upper Division Humanities, Arts and Design (HU) or Upper Division Social-Behavioral Sciences (SB)	3	C	<ul style="list-style-type: none"> <li>Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.</li> <li>Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your <a href="#">academic advisor</a> for more information and options.</li> <li>Meet with your <a href="#">W. P. Carey Career Coach</a></li> <li>Update your <a href="#">resume</a></li> </ul>
ENG 302: Business Writing (L)	3	C	
FIN 300: Fundamentals of Finance	3	C	
MGT 300: Principles of Management and Leadership	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	16.25		

Term 6 77.75 - 92.75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 Upper Division Language and Culture Track Course	3	C	<ul style="list-style-type: none"> <li>Complete <a href="#">informational interviews</a></li> <li>Complete an in person or virtual practice interview with your <a href="#">W. P. Carey Career Coach</a></li> </ul>
MKT 300: Marketing and Business Performance	3	C	
SCM 300: Global Supply Operations	3	C	
Upper Division Language and Culture Track Course AND Literacy and Critical Inquiry (L)	3	C	
Humanities, Arts and Design (HU)	3		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 92.75 - 107.75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
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★ <i>Complete 2 courses:</i>			
Upper Division Language and Culture Track Course	6	C	<ul style="list-style-type: none"> <li>• Attend <b>W. P. Carey</b> and ASU Career Fairs</li> <li>• Gather <b>professional references</b></li> <li>• Update your <b>resume</b></li> </ul>
MGT 302: Principles of International Business (G) OR ECN 306: Survey of International Economics (SB & G)	3	C	
WPC 300: Problem Solving and Actionable Analytics	3	C	
Elective OR WPC 484: Internship	3		
Term hours subtotal:		15	

★ Term 8 107.75 - 120.00 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
★ Upper Division Language and Culture Track Course	3	C	<ul style="list-style-type: none"> <li>• Apply for <b>full-time career opportunities</b></li> <li>• Meet with your <b>academic advisor</b> to discuss your internship course options</li> </ul>
LES 305: Business Law and Ethics for Managers	3	C	
MGT 459: International Management (G)	3	C	
WPC 448: Senior Career Transition Management	0.25	C	
Upper Division International Business Elective AND Global Awareness (G)	3	C	
Term hours subtotal:		12.25	

- Students choose one track option: Chinese, French, Italian, or Spanish. View track groups below for course options.
- The Spanish track is available on the Tempe and West campuses.
- The Chinese, French, and Italian tracks are only available at the Tempe campus.
- Dependent upon your language proficiency, some language tracks may require more than 120 credit hours to complete this degree.

Hide Course List(s)/Track Group(s)

MAT 117 Track (dependent on the student's math placement)	MAT 210 Track (dependent on the student's math placement)	Upper Division International Business Elective - select one course (3 credit hours)
MAT 117: College Algebra (MA)	MAT 210: Brief Calculus (MA)	AGB 302: International Management and Agribusiness (G)
MAT 210: Brief Calculus (MA)	MAT 211: Mathematics for Business Analysis or ACO 100: All About Data: Design, Query, and Visualization (CS) or EDS 223: Design Thinking or EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	ECN 306: Survey of International Economics (SB & G)
		ECN 335: South Asia and the World Economy (SB & G)
		ECN 360: Economic Development (SB & G)
		ECN 436: International Trade Theory (SB & G)
		ECN 438: International Monetary Economics (SB & G)
		MGT 302: Principles of International Business (G)
		MGT 400: Cross-Cultural Management (C & G)
		MKT 425: Global Marketing Management (G)

SCM 463: Global Supply Chain Management (G)

Language and Culture - Chinese Track	Language and Culture - Chinese Native Speaker Track	Language and Culture - French Track
CHI 120: Introduction to Chinese Culture (L or HU)	<b>Complete all four courses below:</b>	FRE 201: Intermediate French I (G) or FRE 110: Intensive French I (G)
CHI 201: Second-Year Chinese I (G) or CHI 110: Intensive Chinese I	CHI 307: Introduction to Literary Chinese I (HU)	FRE 202: Intermediate French II (G) or FRE 210: Intensive French II (G)
CHI 202: Second-Year Chinese II (G) or CHI 210: Intensive Chinese II	CHI 308: Introduction to Literary Chinese II (HU)	FRE 305: Readings in French Literature (G)
CHI 301: Third-Year Chinese I (G)	CHI 321: Chinese Literature (HU)	FRE 311: Oral and Written Expression I (G)
CHI 302: Third-Year Chinese II (G)	CHI 322: Chinese Literature (HU & G)	FRE 312: Oral and Written Expression II (G)
CHI 333: China (SB & H) or CHI 336: Interpreting China's Classics ((L or HU) & H) or CHI 343: Daoism ((L or HU) & G & H)	<b>Choose six courses from the list below:</b>	FRE 319: Business French (G)
CHI 338: Daode Jing: Way to the West (L or HU) or CHI 451: Chinese Cultural History I ((HU or SB) & H)	CHI 333: China (SB & H)	FRE 321: French Cultural Masterpieces I ((L or HU) & H)
CHI 401: Fourth-Year Chinese I (G)	CHI 336: Interpreting China's Classics ((L or HU) & H)	FRE 411: Advanced Spoken French (G)
CHI 402: Fourth-Year Chinese II (G)	CHI 338: Daode Jing: Way to the West (L or HU)	FRE 412: Advanced Written French (G)
CHI 407: Chinese for Academic and Professional Purposes I (G)	CHI 343: Daoism ((L or HU) & G & H)	FRE 416: French Civilization II (HU & G)
	CHI 345: Chinese Film and Civilization	
	CHI 451: Chinese Cultural History I ((HU or SB) & H)	
	CHI 452: Chinese Cultural History II (SB & G & H)	
	CHI 470: Modern Chinese Literature and Culture	
Language and Culture - Italian Track	Language and Culture - Spanish Track	
ITA 201: Intermediate Italian I (G) or ITA 110: Intensive Italian I (G)	SPA 201: Intermediate Spanish (G) or SPA 203: Intermediate Spanish I for Bilinguals (C & G) or SPA 110: Intensive Spanish I (G)	
ITA 202: Intermediate Italian II (G) or ITA 210: Intensive Italian II (G)	SPA 202: Intermediate Spanish (G) or SPA 204: Intermediate Spanish II for Bilinguals (C & G) or SPA 210: Intensive Spanish II (G)	
ITA 311: Speak Italy: Language, People, Culture (G)	SPA 313: Spanish Conversation and Composition (G) or SPA 315: Advanced Spanish I for Bilinguals (C)	
ITA 312: Write Italy: Language, People, Culture (L & G)	SPA 314: Spanish Conversation and Composition (G) or SPA 316: Advanced Spanish II for Bilinguals (L & C)	
ITA 315: Italian Culture: The Good, The Bad and The Ugly (HU & G)	SPA 319: Business Correspondence and Communication (G)	
ITA 319: Italian for Professions	SPA 325: Introduction to Hispanic Literature (HU)	
ITA 321: Italian Renaissance Culture: Politicians, Merchants, Artists and Courtesans (H)	SPA 4** Elective ( SPA 472 recommended)	

ITA 322: Modern Italian Culture: Explorers, Scientists, Musicians and Revolutionaries (HU)

ITA 413: Advanced Italian (G)

ITA 414: French and Italian Popular Culture ((L or HU) & G) or ITA 420: Italian Cinema (L & G)

SPA 402: Written Communication for the Professions (C) or SPA 405: Latino Cultural Perspectives for the Professions ((L or HU) & C & G)

SPA 412: Advanced Conversation and Composition (G)

SPA course (L) Upper Division

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.









## 2023 - 2024 Major Map

### Business (Law), BA

School/College: W. P. Carey School of Business

Location: Tempe

BABUSLBA

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 WPC 101: Student Success in Business	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement</li> <li>Students must complete two math courses. Students will complete either MAT 117 and MAT 210 (MAT 117 Track) OR MAT 210 and MAT 211 or a quantitative course (MAT 210 Track)</li> <li>Students will be completing MAT 117 (MAT 117 Track) or MAT 210 (MAT 210 Track) in term 1</li> <li>Join a student <b>club or organization</b></li> <li>Create your first college <b>resume</b></li> </ul>
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
SOC course (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	16		
Term 2 16 - 31.25 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ECN 211: Macroeconomic Principles (SB)	3	C	<ul style="list-style-type: none"> <li>Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your <b>academic advisor</b> for more information and options.</li> <li>Students will be completing MAT 210 (MAT 117 Track) OR MAT 211 or a quantitative course (MAT 210 Track) in term 2</li> <li>WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit.</li> <li>Explore student <b>leadership opportunities</b> in W. P. Carey</li> <li>Research <b>study abroad opportunities</b> recommended for your major</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
PSY course (SB)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15.25		
Term 3 31.25 - 47.50 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	

COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3	
ECN 212: Microeconomic Principles (SB)	3	C
ECN 221: Business Statistics (CS)	3	C
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C
Natural Science - Quantitative (SQ)	4	
❗ Complete Mathematics (MA) requirement.		
Term hours subtotal:	16.25	

- Continuing first-year students will take WPC 248, after completing WPC 148
- New transfer students will take WPC 347
- Explore [career resources](#)
- Develop your [professional online presence](#)
- Meet with your [W. P. Carey Career Coach](#)
- Attend [W. P. Carey](#) and [ASU Career Fairs](#)

Term 4 47.50 - 63.50 Credit Hours <b>Critical course signified by</b> ❗	Hours	Minimum Grade	Notes
ACC 241: Uses of Accounting Information II	3	C	
LAW 210: Introduction to American Legal System and Business Law	3	C	<ul style="list-style-type: none"> <li>• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your <a href="#">academic advisor</a> for more information and options.</li> <li>• Attend <a href="#">W. P. Carey</a> and <a href="#">ASU</a> career fairs</li> <li>• Apply for <a href="#">internships</a> or <a href="#">create one</a></li> </ul>
Cultural Diversity in the U.S. (C)	3		
Humanities, Arts and Design (HU)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
❗ Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 5 63.50 - 78.75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Law Concentration Elective	3	C	<ul style="list-style-type: none"> <li>• LAW 394/494 Special Topic courses will be available every semester as LAW concentration elective options. See <a href="#">class search</a> for the topics available.</li> <li>• Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.</li> <li>• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your <a href="#">academic advisor</a> for more information and options.</li> <li>• Meet with your <a href="#">W. P. Carey Career Coach</a></li> <li>• Update your <a href="#">resume</a></li> </ul>
ENG 302: Business Writing (L)	3		
LES 305: Business Law and Ethics for Managers	3	C	
SCM 300: Global Supply Operations	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
Upper Division Elective	3		
Term hours subtotal:	15.25		

Term 6 78.75 - 93.75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Upper Division Law Concentration Elective	3	C	<ul style="list-style-type: none"> <li>• LAW 394/494 Special Topic courses will be available every semester as LAW concentration elective options. See <a href="#">class search</a> for the topics available.</li> <li>• Complete <a href="#">informational interviews</a></li> <li>• Meet with your academic advisor to discuss your internship course options</li> </ul>
MKT 300: Marketing and Business Performance	3	C	
WPC 300: Problem Solving and Actionable Analytics	3	C	
Upper Division International Business Course AND Global Awareness (G)	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93.75 - 107.75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Complete 2 courses: Upper Division Law Concentration Elective	6	C	<ul style="list-style-type: none"> <li>• LAW 394/494 Special Topic courses will be available every semester as LAW concentration elective options. See <a href="#">class search</a> for the topics available.</li> <li>• Attend <a href="#">W. P. Carey</a> and <a href="#">ASU Career Fairs</a></li> <li>• Gather <a href="#">professional references</a></li> <li>• Update your <a href="#">resume</a></li> </ul>
MGT 300: Principles of Management and Leadership	3	C	
Complete 2 courses: Upper Division Elective	5		
Term hours subtotal:	14		

Term 8 107.75 - 120.00 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ LAW 480: Business Law	3	C	<ul style="list-style-type: none"> <li>• Apply for <a href="#">full-time career opportunities</a></li> <li>• Meet with your academic advisor to discuss your internship course options</li> </ul>
FIN 300: Fundamentals of Finance	3	C	
WPC 448: Senior Career Transition Management	0.25	C	
Literacy and Critical Inquiry (L)	3		
Upper Division Elective OR WPC 484: Internship	3		
Term hours subtotal:	12.25		

- Students cannot share Upper Division International Business Elective with concentration course requirements.
- LAW 394 "Law School Foundation" is not accepted as a Law Concentration Elective.

Hide Course List(s)/Track Group(s)

MAT 117 Track (dependent on the student's math placement)	MAT 210 Track (dependent on the student's math placement)	Law Concentration Electives - select four courses (12 credit hours)
MAT 117: College Algebra (MA)	MAT 210: Brief Calculus (MA)	AGB 414: Food and Agribusiness Policy Issues (L)
MAT 210: Brief Calculus (MA)	MAT 211: Mathematics for Business Analysis or ACO 100: All About Data: Design, Query, and Visualization (CS) or EDS 223: Design Thinking or EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	COM 222: Argumentation (L)
		COM 326: Court Room Oratory
		ENG 216: Persuasive Writing on Public Issues (L)
		ENG 472: Rhetorical Studies
		HST 322: Constitutional History of the United States Since 1865 (H)
		LAW 394: Special Topics
		LAW 494: Special Topics
		LES 380: Consumer Perspective of Business Law
		MGT 420: Human Resource Management
		MGT 424: Employment Law
		MGT 430: Negotiations

PHI 103: Principles of Sound Reasoning (L or HU)

PHI 307: Philosophy of Law (HU)

POS 325: Public Policy Development (SB)

POS 465: International Organization and Law (SB & G)

POS 471: Constitutional Law I (SB)

POS 472: Constitutional Law II (SB)

POS 484: Internship

(Maximum three credit hours of POS 484 may be applied toward the major.)

REA 411: Real Estate Law

TWC 451: Copyright and Intellectual Property in the Electronic Age

Upper Division International Business Course  
- select one course (3 credit hours)

AGB 302: International Management and Agribusiness (G)

ECN 306: Survey of International Economics (SB & G)

MGT 302: Principles of International Business (G)

MKT 425: Global Marketing Management (G)

SCM 463: Global Supply Chain Management (G)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 50 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map

### Business (Law), BA

School/College: W. P. Carey School of Business

Location: Online ASU Local

BABUSLBA

Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 WPC 101: Student Success in Business	1		<ul style="list-style-type: none"> <li>ASU 101 or College specific equivalent First Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement</li> <li>Create your first college <b>resume</b></li> </ul>
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 16 Credit Hours	Hours	Minimum Grade	Notes
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	<ul style="list-style-type: none"> <li>View ASU Online first-time freshmen registration information <a href="#">here</a>.</li> <li>Students must complete two math courses. Students will complete either MAT 117 and MAT 210 (MAT 117 Track) OR MAT 210 and MAT 211 or a quantitative course (MAT 210 Track) Students will be completing MAT 117 (MAT 117 Track) or MAT 210 (MAT 210 Track) in term 1</li> <li>Join a <b>student club or organization</b></li> </ul>
SOC course (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	9		

Term 2 - A 16 - 25.25 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>Students will be completing MAT 210 (MAT 117 Track) OR MAT 211 or a quantitative course (MAT 210 Track) in term 2</li> <li>WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit.</li> <li>Research <b>study abroad opportunities</b> recommended for your major</li> </ul>
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
Term hours subtotal:	9.25		

Term 2 - B 25.25 - 31.25 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
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ECN 211: Macroeconomic Principles (SB)	3	C
PSY course (SB)	3	
❗ Complete ENG 101 OR ENG 105 OR ENG 107 course(s).		
❗ Minimum 2.00 GPA ASU Cumulative.		
Term hours subtotal:	6	

Term 3 - A 31.25 - 40.25 Credit Hours	Hours	Minimum Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	<ul style="list-style-type: none"> <li>• Explore <a href="#">career resources</a>.</li> <li>• Meet with your <a href="#">W. P. Carey Career Coach</a></li> <li>• Attend <a href="#">W. P. Carey and ASU Career Fairs</a></li> </ul>
COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3		
ECN 212: Microeconomic Principles (SB)	3	C	
Term hours subtotal:	9		

Term 3 - B 40.25 - 46.50 Credit Hours <b>Critical course signified by</b>	Hours	Minimum Grade	Notes
❗ ACC 241: Uses of Accounting Information II	3	C	<ul style="list-style-type: none"> <li>• Continuing first-year students will take WPC 248, after completing WPC 148</li> <li>• New transfer students will take WPC 347</li> <li>• Develop your <a href="#">professional online presence</a></li> </ul>
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C	
Upper Division Elective	3		
❗ Complete Mathematics (MA) requirement.			
Term hours subtotal:	6.25		

Term 4 - A 46.50 - 53.50 Credit Hours	Hours	Minimum Grade	Notes
ECN 221: Business Statistics (CS)	3	C	<ul style="list-style-type: none"> <li>• Attend <a href="#">W. P. Carey and ASU career fairs</a></li> <li>• Apply for <a href="#">internships</a> or <a href="#">create one</a></li> </ul>
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	7		

Term 4 - B 53.50 - 61.50 Credit Hours <b>Critical course signified by</b>	Hours	Minimum Grade	Notes
❗ Cultural Diversity in the U.S. (C)	3		
Humanities, Arts and Design (HU)	3		
Upper Division Elective	2		
❗ Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	8		

Term 5 - A 61.50 - 67.75 Credit Hours <b>Necessary course signified by</b>	Hours	Minimum Grade	Notes
★ LAW 210: Introduction to American Legal System and Business Law	3	C	<ul style="list-style-type: none"> <li>• Meet with your <a href="#">W. P. Carey Career Coach</a></li> <li>• Update your <a href="#">resume</a></li> </ul>
MKT 300: Marketing and Business Performance	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
Term hours subtotal:	6.25		

Term 5 - B 67.75 - 76.75 Credit Hours	Hours	Minimum Grade	Notes
ENG 302: Business Writing (L)	3		<ul style="list-style-type: none"> <li>• Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.</li> </ul>
SCM 300: Global Supply Operations	3	C	
WPC 300: Problem Solving and Actionable Analytics	3	C	
Term hours subtotal:	9		

<b>Term 6 - A 76.75 - 83.75 Credit Hours Necessary course signified by</b> ★	<b>Hours</b>	<b>Minimum Grade</b>	<b>Notes</b>
★ Law Concentration Elective	3	C	• Complete informational interviews
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	7		

<b>Term 6 - B 83.75 - 92.75 Credit Hours Necessary course signified by</b> ★	<b>Hours</b>	<b>Minimum Grade</b>	<b>Notes</b>
★ Upper Division Law Concentration Elective	3	C	• Complete an in person or virtual practice interview with your W. P. Carey Career Coach
LES 305: Business Law and Ethics for Managers	3	C	
Upper Division International Business Course AND Global Awareness (G)	3	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	9		

<b>Term 7 - A 92.75 - 101.75 Credit Hours Necessary course signified by</b> ★	<b>Hours</b>	<b>Minimum Grade</b>	<b>Notes</b>
★ Upper Division Law Concentration Elective	3	C	• Attend W. P. Carey and ASU Career Fairs
FIN 300: Fundamentals of Finance	3	C	
Upper Division Elective	3		
Term hours subtotal:	9		

<b>Term 7 - B 101.75 - 107.75 Credit Hours Necessary course signified by</b> ★	<b>Hours</b>	<b>Minimum Grade</b>	<b>Notes</b>
★ Upper Division Law Concentration Elective	3	C	• Gather professional references • Update your resume
MGT 300: Principles of Management and Leadership	3	C	
Term hours subtotal:	6		

<b>Term 8 - A 107.75 - 114.00 Credit Hours Necessary course signified by</b> ★	<b>Hours</b>	<b>Minimum Grade</b>	<b>Notes</b>
★ LAW 480: Business Law	3	C	• Apply for full-time career opportunities
WPC 448: Senior Career Transition Management	0.25	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	6.25		

<b>Term 8 - B 114.00 - 120.00 Credit Hours</b>	<b>Hours</b>	<b>Minimum Grade</b>	<b>Notes</b>
Literacy and Critical Inquiry (L)	3		
Upper Division Elective OR WPC 484: Internship	3		
Term hours subtotal:	6		

- Students cannot share Upper Division International Business Elective with concentration course requirements.
- LAW 394 "Law School Foundation" is not accepted as a Law Concentration Elective.



Hide Course List(s)/Track Group(s)

MAT 117 Track (dependent on the student's math placement)	MAT 210 Track (dependent on the student's math placement)	Law Concentration Electives - select four courses (12 credit hours)
MAT 117: College Algebra (MA)	MAT 210: Brief Calculus (MA)	ENG 216: Persuasive Writing on Public Issues (L)
MAT 210: Brief Calculus (MA)	MAT 211: Mathematics for Business Analysis or ACO 100: All About Data: Design, Query, and Visualization (CS) or EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	LAW 394: Special Topics
		LAW 494: Special Topics
		MGT 420: Human Resource Management
		MGT 430: Negotiations
		PHI 103: Principles of Sound Reasoning (L or HU)
		PHI 307: Philosophy of Law (HU)
		POS 325: Public Policy Development (SB)
		POS 484: Internship
		(Maximum three credit hours of POS 484 may be applied toward the major.)
		TWC 451: Copyright and Intellectual Property in the Electronic Age
Upper Division International Business Course - select one course (3 credit hours)		
AGB 302: International Management and Agribusiness (G)		
ECN 306: Survey of International Economics (SB & G)		
MGT 302: Principles of International Business (G)		
MKT 425: Global Marketing Management (G)		
SCM 463: Global Supply Chain Management (G)		

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
  - Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.







## 2023 - 2024 Major Map

### Business (Public Service and Public Policy), BA

School/College: W. P. Carey School of Business

Location: Tempe

BABUSPBA

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 WPC 101: Student Success in Business	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement</li> <li>Students must complete two math courses. Students will complete either MAT 117 and MAT 210 (MAT 117 Track) OR MAT 210 and MAT 211 or a quantitative course (MAT 210 Track)</li> <li>Students will be completing MAT 117 (MAT 117 Track) or MAT 210 (MAT 210 Track) in term 1</li> <li>Join a student <b>club or organization</b></li> <li>Create your first college <b>resume</b></li> </ul>
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
SOC course (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	16		
Term 2 16 - 31.25 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ECN 211: Macroeconomic Principles (SB)	3	C	<ul style="list-style-type: none"> <li>Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your <b>academic advisor</b> for more information and options.</li> <li>Students will be completing MAT 210 (MAT 117 Track) OR MAT 211 or a quantitative course (MAT 210 Track) in term 2</li> <li>WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit.</li> <li>Explore student <b>leadership opportunities</b> in W. P. Carey</li> <li>Research <b>study abroad opportunities</b> recommended for your major</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
PSY course (SB)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15.25		
Term 3 31.25 - 47.50 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	<ul style="list-style-type: none"> <li>Continuing first-year students will take WPC 248, after completing WPC 148</li> </ul>

COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3	
ECN 212: Microeconomic Principles (SB)	3	C
ECN 221: Business Statistics (CS)	3	C
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C
Natural Science - Quantitative (SQ)	4	
❗ Complete Mathematics (MA) requirement.		
Term hours subtotal:	16.25	

- New transfer students will take WPC 347
- Explore [career resources](#)
- Develop your [professional online presence](#)
- Meet with your [W. P. Carey Career Coach](#)
- Attend [W. P. Carey and ASU Career Fairs](#)

Term 4 47.50 - 63.50 Credit Hours <b>Critical course signified by</b> ❗	Hours	Minimum Grade	Notes
ACC 241: Uses of Accounting Information II	3	C	<ul style="list-style-type: none"> <li>• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your <a href="#">academic advisor</a> for more information and options.</li> <li>• Attend <a href="#">W. P. Carey and ASU</a> career fairs</li> <li>• Apply for <a href="#">internships</a> or <a href="#">create one</a></li> </ul>
PAF 200: Public Service and Policy in the 21st Century	3	C	
Humanities, Arts and Design (HU)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	3		
❗ Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 5 63.50 - 78.75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ PAF 300: Public Management and Administration	3	C	<ul style="list-style-type: none"> <li>• Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.</li> <li>• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your <a href="#">academic advisor</a> for more information and options.</li> <li>• Meet with your <a href="#">W. P. Carey Career Coach</a></li> <li>• Update your <a href="#">resume</a></li> <li>• Meet with your academic advisor to discuss your internship course options</li> </ul>
ENG 302: Business Writing (L)	3		
MKT 300: Marketing and Business Performance	3	C	
SCM 300: Global Supply Operations	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	15.25		

Term 6 78.75 - 93.75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ PAF 340: Contemporary Policy Challenges	3	C	<ul style="list-style-type: none"> <li>• Complete <a href="#">informational interviews</a></li> <li>• Complete an in person or virtual practice interview with your <a href="#">W. P. Carey Career Coach</a></li> </ul>
FIN 300: Fundamentals of Finance	3	C	
Upper Division International Business Course AND Global Awareness (G)	3	C	
Literacy and Critical Inquiry (L)	3		
Upper Division Elective OR PAF 484: Internship OR WPC 484: Internship	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93.75 - 107.75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★			

★ PAF 311: Leadership and Change (SB)	3	C
WPC 300: Problem Solving and Actionable Analytics	3	C
Upper Division Upper Division Public Service and Public Policy Course	3	C
Upper Division Elective OR PAF 484: Internship OR WPC 484: Internship	3	
Upper Division Elective	2	
Term hours subtotal:	14	

- Attend **W. P. Carey** and ASU Career Fairs
- Gather **professional references**
- Update your **resume**
- Meet with your academic advisor to discuss your internship course options

★ Term 8 107.75 - 120.00 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
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★ Upper Division Upper Division Public Service and Public Policy Course	3	C
LES 305: Business Law and Ethics for Managers	3	C
MGT 300: Principles of Management and Leadership	3	C
WPC 448: Senior Career Transition Management	0.25	C
Upper Division Elective OR PAF 484: Internship OR WPC 484: Internship	3	
Term hours subtotal:	12.25	

- Apply for **full-time career opportunities**
- Meet with your academic advisor to discuss your internship course options

Hide Course List(s)/Track Group(s)

MAT 117 Track (dependent on the student's math placement)	MAT 210 Track (dependent on the student's math placement)	Public Service and Public Policy Courses - select two
MAT 117: College Algebra (MA)	MAT 210: Brief Calculus (MA)	CEL 394: Liberalism and Conservatism in America
MAT 210: Brief Calculus (MA)	MAT 211: Mathematics for Business Analysis or ACO 100: All About Data: Design, Query, and Visualization (CS) or EDS 223: Design Thinking or EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	CEL 494: Adam Smith and Classical Political Economy
		PAF 302: Public Service Research Methods
		PAF 410: Building Leadership Skills (SB)
		PAF 460: Public Service Ethics
		PAF 470: Topics in Public Economics and Financial Management
		PAF 471: Public Policy Analysis
Upper Division International Business Course - select one course (3 credit hours)		
AGB 302: International Management and Agribusiness (G)		
ECN 306: Survey of International Economics (SB & G)		
MGT 302: Principles of International Business (G)		
MKT 425: Global Marketing Management (G)		

**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 50 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.




## 2023 - 2024 Major Map

### Business (Retail Management), BA

School/College: [W. P. Carey School of Business](#)

Location: [Online ASU Local](#)

BABUSRBA

Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 WPC 101: Student Success in Business	1		<ul style="list-style-type: none"> <li>ASU 101 or College specific equivalent First Year Seminar required of all first-year students. W. P. Carey students take WPC 101 to fulfill this requirement</li> <li>Create your first college <a href="#">resume</a></li> </ul>
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		
Term 1 - B 7 - 16 Credit Hours	Hours	Minimum Grade	Notes
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	<ul style="list-style-type: none"> <li>View ASU Online first-time freshmen registration information <a href="#">here</a>.</li> <li>Students must complete two math courses. Students will complete either MAT 117 and MAT 210 (MAT 117 Track) OR MAT 210 and MAT 211 or a quantitative course (MAT 210 Track)</li> <li>Students will be completing MAT 117 (MAT 117 Track) or MAT 210 (MAT 210 Track) in term 1</li> <li>Join a <a href="#">student club or organization</a></li> </ul>
SOC course (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	9		
Term 2 - A 16 - 25.25 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>Students will be completing MAT 210 (MAT 117 Track) OR MAT 211 or a quantitative course (MAT 210 Track) in term 2</li> <li>WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit.</li> <li>Research <a href="#">study abroad opportunities</a> recommended for your major</li> </ul>
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
Term hours subtotal:	9.25		
Term 2 - B 25.25 - 31.25 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes

ECN 211: Macroeconomic Principles (SB)	3	C
PSY course (SB)	3	
❖ Complete ENG 101 OR ENG 105 OR ENG 107 course(s).		
❖ Minimum 2.00 GPA ASU Cumulative.		
Term hours subtotal:	6	

Term 3 - A 31.25 - 40.25 Credit Hours	Hours	Minimum Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	<ul style="list-style-type: none"> <li>• Explore <a href="#">career resources</a>.</li> <li>• Meet with your <a href="#">W. P. Carey Career Coach</a></li> <li>• Attend <a href="#">W. P. Carey and ASU Career Fairs</a></li> </ul>
COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3		
ECN 212: Microeconomic Principles (SB)	3	C	
Term hours subtotal:	9		

Term 3 - B 40.25 - 46.50 Credit Hours <b>Critical course signified by</b>	Hours	Minimum Grade	Notes
❖ ACC 241: Uses of Accounting Information II	3	C	<ul style="list-style-type: none"> <li>• Continuing first-year students will take WPC 248, after completing WPC 148</li> <li>• New transfer students will take WPC 347</li> <li>• Develop your <a href="#">professional online presence</a></li> </ul>
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C	
Cultural Diversity in the U.S. (C)	3		
❖ Complete Mathematics (MA) requirement.			
Term hours subtotal:	6.25		

Term 4 - A 46.50 - 53.50 Credit Hours	Hours	Minimum Grade	Notes
ECN 221: Business Statistics (CS)	3	C	<ul style="list-style-type: none"> <li>• Attend <a href="#">W. P. Carey and ASU career fairs</a></li> <li>• Apply for <a href="#">internships</a> or <a href="#">create one</a></li> </ul>
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	7		

Term 4 - B 53.50 - 59.50 Credit Hours <b>Critical course signified by</b>	Hours	Minimum Grade	Notes
❖ Literacy and Critical Inquiry (L)	3		
Elective	3		
❖ Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	6		

Term 5 - A 59.50 - 65.75 Credit Hours <b>Necessary course signified by</b>	Hours	Minimum Grade	Notes
★ MKT 300: Marketing and Business Performance	3	C	<ul style="list-style-type: none"> <li>• Meet with your <a href="#">W. P. Carey Career Coach</a></li> <li>• Update your <a href="#">resume</a></li> </ul>
★ SCM 300: Global Supply Operations	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
Term hours subtotal:	6.25		

Term 5 - B 65.75 - 74.75 Credit Hours <b>Necessary course signified by</b>	Hours	Minimum Grade	Notes
★ MGT 300: Principles of Management and Leadership	3	C	<ul style="list-style-type: none"> <li>• Students pursuing concurrent degrees within <a href="#">W. P. Carey</a> cannot share coursework in the major. Major coursework must be unique to each degree program.</li> </ul>
ENG 302: Business Writing (L)	3		
WPC 300: Problem Solving and Actionable Analytics	3	C	
Term hours subtotal:	9		



<b>Term 6 - A 74.75 - 81.75 Credit Hours Necessary course signified by</b> ★	<b>Hours</b>	<b>Minimum Grade</b>	<b>Notes</b>
★ SCM 440: Quality Management/Measurement	3	C	• Complete informational interviews
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	7		

<b>Term 6 - B 81.75 - 90.75 Credit Hours Necessary course signified by</b> ★	<b>Hours</b>	<b>Minimum Grade</b>	<b>Notes</b>
★ FIN 300: Fundamentals of Finance	3	C	• Complete an in person or virtual practice interview with your W. P. Carey Career Coach
★ LES 305: Business Law and Ethics for Managers	3	C	
Upper Division International Business Course AND Global Awareness (G)	3	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	9		

<b>Term 7 - A 90.75 - 96.75 Credit Hours Necessary course signified by</b> ★	<b>Hours</b>	<b>Minimum Grade</b>	<b>Notes</b>
★ SCM 385: Business and Sustainability I	3	C	• Attend W. P. Carey and ASU Career Fairs
Elective	3		
Term hours subtotal:	6		

<b>Term 7 - B 96.75 - 105.75 Credit Hours Necessary course signified by</b> ★	<b>Hours</b>	<b>Minimum Grade</b>	<b>Notes</b>
★ MGT 411: Leading Organizations	3	C	• Gather professional references • Update your resume
Humanities, Arts and Design (HU)	3		
Upper Division Elective OR WPC 484: Internship	3		
Term hours subtotal:	9		

<b>Term 8 - A 105.75 - 114.00 Credit Hours Necessary course signified by</b> ★	<b>Hours</b>	<b>Minimum Grade</b>	<b>Notes</b>
★ AGB 445: Food Retailing	3	C	• Apply for full-time career opportunities
MKT 396: Essentials of Services Marketing	3	C	
WPC 448: Senior Career Transition Management	0.25	C	
Upper Division Elective	2		
Term hours subtotal:	8.25		

<b>Term 8 - B 114.00 - 120.00 Credit Hours Necessary course signified by</b> ★	<b>Hours</b>	<b>Minimum Grade</b>	<b>Notes</b>
★ MKT 420: Retail Management	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	6		

Hide Course List(s)/Track Group(s)

MAT 117 Track (dependent on the student's math placement)	MAT 210 Track (dependent on the student's math placement)	Upper Division International Business Course-select one course (3 credit hours)
MAT 117: College Algebra (MA)	MAT 210: Brief Calculus (MA)	AGB 302: International Management and Agribusiness (G)
MAT 210: Brief Calculus (MA)	MAT 211: Mathematics for Business Analysis or ACO 100: All About Data: Design, Query, and Visualization (CS) or EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	ECN 306: Survey of International Economics (SB & G)
		MGT 302: Principles of International Business (G)
		MKT 425: Global Marketing Management (G)
		SCM 463: Global Supply Chain Management (G)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 50 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map




### Business (Sports Business), BA


School/College: W. P. Carey School of Business

Location: Tempe, West

BABUSMSBA

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 WPC 101: Student Success in Business	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement</li> <li>Students must complete two math courses. Students will complete either MAT 117 and MAT 210 (MAT 117 Track) OR MAT 210 and MAT 211 or a quantitative course (MAT 210 Track)</li> <li>Students will be completing MAT 117 (MAT 117 Track) or MAT 210 (MAT 210 Track) in term 1</li> <li>Join a student <b>club or organization</b></li> <li>Create your first college <b>resume</b></li> </ul>
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
SOC course (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	16		

Term 2 16 - 31.25 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ECN 211: Macroeconomic Principles (SB)	3	C	<ul style="list-style-type: none"> <li>Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your <b>academic advisor</b> for more information and options.</li> <li>Students will be completing MAT 210 (MAT 117 Track) OR MAT 211 or a quantitative course (MAT 210 Track) in term 2</li> <li>WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit.</li> <li>Explore student <b>leadership opportunities</b> in W. P. Carey</li> <li>Research <b>study abroad opportunities</b> recommended for your major</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
PSY course (SB)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15.25		

Term 3 31.25 - 47.50 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	<ul style="list-style-type: none"> <li>Continuing first-year students will take WPC 248, after completing WPC 148</li> </ul>

COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3	
ECN 212: Microeconomic Principles (SB)	3	C
ECN 221: Business Statistics (CS)	3	C
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C
Natural Science - Quantitative (SQ)	4	
🚩 Complete Mathematics (MA) requirement.		
Term hours subtotal:	16.25	

- New transfer students will take WPC 347
- Explore [career resources](#)
- Develop your [professional online presence](#)
- Meet with your [W. P. Carey Career Coach](#)
- Attend [W. P. Carey and ASU Career Fairs](#)

Term 4 47.50 - 63.50 Credit Hours <b>Critical course signified by</b> 🚩	Hours	Minimum Grade	Notes
ACC 241: Uses of Accounting Information II	3	C	<ul style="list-style-type: none"> <li>• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your <a href="#">academic advisor</a> for more information and options.</li> <li>• Attend <a href="#">W. P. Carey and ASU career fairs</a></li> <li>• Apply for <a href="#">internships</a> or <a href="#">create one</a></li> </ul>
Cultural Diversity in the U.S. (C)	3		
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	3		
🚩 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 5 63.50 - 78.75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ MKT 300: Marketing and Business Performance	3	C	<ul style="list-style-type: none"> <li>• Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.</li> <li>• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your <a href="#">academic advisor</a> for more information and options.</li> <li>• Meet with your <a href="#">W. P. Carey Career Coach</a></li> <li>• Update your <a href="#">resume</a></li> </ul>
★ MKT 311: Sports Business	3	C	
ENG 302: Business Writing (L)	3		
SCM 300: Global Supply Operations	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
Elective	3		
Term hours subtotal:	15.25		

Term 6 78.75 - 93.75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ MKT 421: Fan Behavior and Sports Marketing	3	C	<ul style="list-style-type: none"> <li>• Complete <a href="#">informational interviews</a></li> <li>• Complete an in person or virtual practice interview with your <a href="#">W. P. Carey Career Coach</a></li> </ul>
MGT 300: Principles of Management and Leadership	3	C	
WPC 300: Problem Solving and Actionable Analytics	3	C	
Upper Division International Business Course AND Global Awareness (G)	3	C	
Humanities, Arts and Design (HU)	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93.75 - 107.75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Complete 2 courses: Upper Division Sports Business Elective	6	C	<ul style="list-style-type: none"> <li>• Attend <a href="#">W. P. Carey and ASU Career Fairs</a></li> <li>• Gather <a href="#">professional references</a></li> </ul>

LES 305: Business Law and Ethics for Managers	3	C
Upper Division Elective OR MKT 484: Internship OR WPC 484: Internship	3	
Upper Division Elective	2	
Term hours subtotal:	14	

- Update your resume
- Meet with your academic advisor to discuss your internship course options

Term 8 107.75 - 120.00 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MCO 465: Sports and Media	3	C	• Apply for full-time career opportunities
FIN 300: Fundamentals of Finance	3	C	
WPC 448: Senior Career Transition Management	0.25	C	
Upper Division Sports Business Elective	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	12.25		

Hide Course List(s)/Track Group(s)

MAT 117 Track (dependent on the student's math placement)	MAT 210 Track (dependent on the student's math placement)	Upper Division Sports Business Electives - select 3 courses (9 credit hours, MKT 494 must be sports related)
MAT 117: College Algebra (MA)	MAT 210: Brief Calculus (MA)	AFR 375: Race, Gender and Sport (SB & C)
MAT 210: Brief Calculus (MA)	MAT 211: Mathematics for Business Analysis or ACO 100: All About Data: Design, Query, and Visualization (CS) or EDS 223: Design Thinking or EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	MCO 420: Strategic Sports Communication
		MKT 431: Sports Experiences
		MKT 441: Sports Revenue Generation
		MKT 451: Sports Business Analytics
		MKT 465: Projects in Sports Business
		MKT 484: Internship
		MKT 493: Honors Thesis (L)
		MKT 494: Special Topics
Upper Division International Business Course - select one course (3 credit hours)		
AGB 302: International Management and Agribusiness (G)		
ECN 306: Survey of International Economics (SB & G)		
MGT 302: Principles of International Business (G)		
MKT 425: Global Marketing Management (G)		
SCM 463: Global Supply Chain Management (G)		

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 50 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

### General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map

### Business (Sports Business), BA

School/College: [W. P. Carey School of Business](#)

Location: [Online ASU Local](#)

BABUSMSBA

Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 WPC 101: Student Success in Business	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement</li> <li>Create your first college <a href="#">resume</a></li> </ul>
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 16 Credit Hours	Hours	Minimum Grade	Notes
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	<ul style="list-style-type: none"> <li>View ASU Online first-time freshmen registration information <a href="#">here</a>.</li> <li>Students must complete two math courses. Students will complete either MAT 117 and MAT 210 (MAT 117 Track) OR MAT 210 and MAT 211 or a quantitative course (MAT 210 Track)</li> <li>Students will be completing MAT 117 (MAT 117 Track) or MAT 210 (MAT 210 Track) in term 1</li> <li>Join a <a href="#">student club or organization</a></li> </ul>
SOC course (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	9		

Term 2 - A 16 - 25.25 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>Students will be completing MAT 210 (MAT 117 Track) OR MAT 211 or a quantitative course (MAT 210 Track) in term 2</li> <li>WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit.</li> <li>Research <a href="#">study abroad opportunities</a> recommended for your major</li> </ul>
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
Term hours subtotal:	9.25		

Term 2 - B 25.25 - 31.25 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
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ECN 211: Macroeconomic Principles (SB)	3	C
PSY course (SB)	3	
❖ Complete ENG 101 OR ENG 105 OR ENG 107 course(s).		
❖ Minimum 2.00 GPA ASU Cumulative.		
Term hours subtotal:	6	

Term 3 - A 31.25 - 40.25 Credit Hours	Hours	Minimum Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	<ul style="list-style-type: none"> <li>• Explore <a href="#">career resources</a>.</li> <li>• Meet with your <a href="#">W. P. Carey Career Coach</a></li> <li>• Attend <a href="#">W. P. Carey and ASU Career Fairs</a></li> </ul>
COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3		
ECN 212: Microeconomic Principles (SB)	3	C	
Term hours subtotal:	9		

Term 3 - B 40.25 - 46.50 Credit Hours <b>Critical course signified by</b>	Hours	Minimum Grade	Notes
❖ ACC 241: Uses of Accounting Information II	3	C	<ul style="list-style-type: none"> <li>• Continuing first-year students will take WPC 248, after completing WPC 148</li> <li>• New transfer students will take WPC 347</li> <li>• Develop your <a href="#">professional online presence</a></li> </ul>
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C	
Cultural Diversity in the U.S. (C)	3		
❖ Complete Mathematics (MA) requirement.			
Term hours subtotal:	6.25		

Term 4 - A 46.50 - 53.50 Credit Hours	Hours	Minimum Grade	Notes
ECN 221: Business Statistics (CS)	3	C	<ul style="list-style-type: none"> <li>• Attend <a href="#">W. P. Carey and ASU career fairs</a></li> <li>• Apply for <a href="#">internships</a> or <a href="#">create one</a></li> </ul>
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	7		




Term 4 - B 53.50 - 59.50 Credit Hours <b>Critical course signified by</b>	Hours	Minimum Grade	Notes
❖ Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Elective	3		
❖ Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	6		



Term 5 - A 59.50 - 65.75 Credit Hours	Hours	Minimum Grade	Notes
MKT 300: Marketing and Business Performance	3	C	<ul style="list-style-type: none"> <li>• Meet with your <a href="#">W. P. Carey Career Coach</a></li> <li>• Update your <a href="#">resume</a></li> </ul>
SCM 300: Global Supply Operations	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
Term hours subtotal:	6.25		

Term 5 - B 65.75 - 74.75 Credit Hours <b>Necessary course signified by</b>	Hours	Minimum Grade	Notes
★ MKT 311: Sports Business	3	C	<ul style="list-style-type: none"> <li>• Students pursuing concurrent degrees within <a href="#">W. P. Carey</a> cannot share coursework in the major. Major coursework must be unique to each degree program.</li> </ul>
ENG 302: Business Writing (L)	3		
WPC 300: Problem Solving and Actionable Analytics	3	C	
Term hours subtotal:	9		





Term 6 - A 74.75 - 81.75 Credit Hours	Hours	Minimum Grade	Notes
LES 305: Business Law and Ethics for Managers	3	C	• Complete informational interviews
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	7		

Term 6 - B 81.75 - 90.75 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
 MKT 421: Fan Behavior and Sports Marketing	3	C	• Complete an in person or virtual practice interview with your W. P. Carey Career Coach
Upper Division International Business Course AND Global Awareness (G)	3	C	
Humanities, Arts and Design (HU)	3		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	9		

Term 7 - A 90.75 - 99.75 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
 Upper Division Sports Business Elective	3	C	• Attend W. P. Carey and ASU Career Fairs
MGT 300: Principles of Management and Leadership	3	C	
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	9		

Term 7 - B 99.75 - 105.75 Credit Hours	Hours	Minimum Grade	Notes
FIN 300: Fundamentals of Finance	3	C	• Gather professional references • Update your resume
Upper Division Sports Business Elective	3	C	
Term hours subtotal:	6		

Term 8 - A 105.75 - 114.00 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
 MCO 465: Sports and Media	3	C	• Apply for full-time career opportunities
WPC 448: Senior Career Transition Management	0.25	C	
Upper Division Elective OR MKT 484: Internship OR WPC 484: Internship	3		
Upper Division Elective	2		
Term hours subtotal:	8.25		

Term 8 - B 114.00 - 120.00 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Sports Business Elective	3	C	
Elective	3		
Term hours subtotal:	6		

- Students cannot share Upper Division International Business Elective with concentration course requirements.

Hide Course List(s)/Track Group(s)

MAT 117 Track (dependent on the student's math placement)	MAT 210 Track (dependent on the student's math placement)	Upper Division Sports Business Electives - select 3 courses (9 credit hours, MKT 494 must be sports related)
MAT 117: College Algebra (MA)	MAT 210: Brief Calculus (MA)	AFR 375: Race, Gender and Sport (SB & C)
MAT 210: Brief Calculus (MA)	MAT 211: Mathematics for Business Analysis or ACO 100: All About Data: Design, Query, and Visualization (CS) or EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	MKT 441: Sports Revenue Generation
		MKT 451: Sports Business Analytics
		MKT 484: Internship
		MKT 494: Special Topics
Upper Division International Business Course- select one course (3 credit hours)		
AGB 302: International Management and Agribusiness (G)		
ECN 306: Survey of International Economics (SB & G)		
MGT 302: Principles of International Business (G)		
MKT 425: Global Marketing Management (G)		
SCM 463: Global Supply Chain Management (G)		

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

## First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map




### Business (Statistics), BA


School/College: W. P. Carey School of Business

Location: West

BABUSTABA

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 WPC 101: Student Success in Business	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement</li> <li>Students must complete two math courses. Students will complete either MAT 117 and MAT 210 (MAT 117 Track) OR MAT 210 and MAT 211 or a quantitative course (MAT 210 Track)</li> <li>Students will be completing MAT 117 (MAT 117 Track) or MAT 210 (MAT 210 Track) in term 1</li> <li>Join a student <b>club or organization</b></li> <li>Create your first college <b>resume</b></li> </ul>
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
SOC course (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	16		

Term 2 16 - 31.25 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ECN 211: Macroeconomic Principles (SB)	3	C	<ul style="list-style-type: none"> <li>Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your <b>academic advisor</b> for more information and options.</li> <li>Students will be completing MAT 210 (MAT 117 Track) OR MAT 211 or a quantitative course (MAT 210 Track) in term 2</li> <li>WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit.</li> <li>Explore student <b>leadership opportunities</b> in W. P. Carey</li> <li>Research <b>study abroad opportunities</b> recommended for your major</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
PSY course (SB)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15.25		

Term 3 31.25 - 47.50 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	<ul style="list-style-type: none"> <li>Continuing first-year students will take WPC 248, after completing WPC 148</li> </ul>

COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3	
ECN 212: Microeconomic Principles (SB)	3	C
ECN 221: Business Statistics (CS)	3	C
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C
Natural Science - Quantitative (SQ)	4	
🚩 Complete Mathematics (MA) requirement.		
Term hours subtotal:	16.25	

- New transfer students will take WPC 347
- Explore [career resources](#)
- Develop your [professional online presence](#)
- Meet with your [W. P. Carey Career Coach](#)
- Attend [W. P. Carey and ASU Career Fairs](#)

Term 4 47.50 - 63.50 Credit Hours <b>Critical course signified by</b> 🚩	Hours	Minimum Grade	Notes
ACC 241: Uses of Accounting Information II	3	C	
Cultural Diversity in the U.S. (C)	3		
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	3		
🚩 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

- Business Statistics students are encouraged to take [STP 420](#) early, if you are considering taking additional statistics courses
- Attend [W. P. Carey and ASU career fairs](#)
- Apply for [internships](#) or [create one](#)

Term 5 63.50 - 78.75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ SCM 300: Global Supply Operations	3	C	
ENG 302: Business Writing (L)	3		
LES 305: Business Law and Ethics for Managers	3	C	
MKT 300: Marketing and Business Performance	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	15.25		

- Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.
- Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your [academic advisor](#) for more information and options.
- Meet with your [W. P. Carey Career Coach](#)

Term 6 78.75 - 93.75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ CIS 310: Business Data Visualization	3	C	
★ STP 420: Introductory Applied Statistics (CS)	3	C	
FIN 300: Fundamentals of Finance	3	C	
Upper Division International Business Course AND Global Awareness (G)	3	C	
Humanities, Arts and Design (HU)	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		




- Complete [informational interviews](#)
- Complete an in person or virtual practice interview with your [W. P. Carey Career Coach](#)

Term 7 93.75 - 107.75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ STP 310: Design and Analysis of Experiments	3	C	
★ STP 311: Regression and Time Series Analyses	3	C	

- Attend [W. P. Carey and ASU Career Fairs](#)
- Gather [professional references](#)
- Update your [resume](#)

MGT 300: Principles of Management and Leadership	3	C
Upper Division Elective	2	
Elective	3	
Term hours subtotal:	14	

- Meet with your academic advisor to discuss your internship course options

Term 8 107.75 - 120.00 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
 CIS 405: Business Intelligence	3	C	<ul style="list-style-type: none"> <li>• Apply for full-time career opportunities</li> <li>• Meet with your academic advisor to discuss your internship course options</li> </ul>
 STP 315: Statistical Computing	3	C	
WPC 300: Problem Solving and Actionable Analytics	3	C	
WPC 448: Senior Career Transition Management	0.25	C	
Upper Division Elective OR STP 484: Internship OR WPC 484: Internship	3		
Term hours subtotal:	12.25		

Hide Course List(s)/Track Group(s)

MAT 117 Track (dependent on the student's math placement)	MAT 210 Track (dependent on the student's math placement)	Upper Division International Business Course - select one course (3 credit hours)
MAT 117: College Algebra (MA)	MAT 210: Brief Calculus (MA)	AGB 302: International Management and Agribusiness (G)
MAT 210: Brief Calculus (MA)	MAT 211: Mathematics for Business Analysis or ACO 100: All About Data: Design, Query, and Visualization (CS) or EDS 223: Design Thinking or EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	ECN 306: Survey of International Economics (SB & G)
		MGT 302: Principles of International Business (G)
		MKT 425: Global Marketing Management (G)
		SCM 463: Global Supply Chain Management (G)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)

- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map




### Business (Sustainability), BA


School/College: W. P. Carey School of Business

Location: Polytechnic, Tempe, West


BABUSSBA

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 WPC 101: Student Success in Business	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement</li> <li>Students must complete two math courses. Students will complete either MAT 117 and MAT 210 (MAT 117 Track) OR MAT 210 and MAT 211 or a quantitative course (MAT 210 Track)</li> <li>Students will be completing MAT 117 (MAT 117 Track) or MAT 210 (MAT 210 Track) in term 1</li> <li>Join a student <b>club or organization</b></li> <li>Create your first college <b>resume</b></li> </ul>
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
SOC course (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	16		



Term 2 16 - 31.25 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ECN 211: Macroeconomic Principles (SB)	3	C	<ul style="list-style-type: none"> <li>Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your <b>academic advisor</b> for more information and options.</li> <li>Students will be completing MAT 210 (MAT 117 Track) OR MAT 211 or a quantitative course (MAT 210 Track) in term 2</li> <li>WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit.</li> <li>Explore student <b>leadership opportunities</b> in W. P. Carey</li> <li>Research <b>study abroad opportunities</b> recommended for your major</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
PSY course (SB)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15.25		




Term 3 31.25 - 46.50 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	<ul style="list-style-type: none"> <li>Continuing first-year students will take WPC 248, after completing WPC 148</li> </ul>







COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3	
ECN 212: Microeconomic Principles (SB)	3	C
ECN 221: Business Statistics (CS)	3	C
SOS 110: Sustainable World (SB)	3	C
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C
 Complete Mathematics (MA) requirement.		
Term hours subtotal:		15.25

- New transfer students will take WPC 347
- Explore [career resources](#)
- Develop your [professional online presence](#)
- Meet with your [W. P. Carey Career Coach](#)
- Attend [W. P. Carey and ASU Career Fairs](#)

Term 4 46.50 - 62.50 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ACC 241: Uses of Accounting Information II	3	C	
SOS 111: Sustainable Cities ((HU or SB) & G) OR PUP 190: Sustainable Cities ((HU or SB) & G)	3	C	<ul style="list-style-type: none"> <li>• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your <a href="#">academic advisor</a> for more information and options.</li> <li>• Attend <a href="#">W. P. Carey and ASU career fairs</a></li> <li>• Apply for <a href="#">internships</a> or <a href="#">create one</a></li> </ul>
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ)	4		
Elective	3		
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:		16	

Term 5 62.50 - 78.75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 SCM 300: Global Supply Operations	3	C	<ul style="list-style-type: none"> <li>• Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.</li> <li>• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your <a href="#">academic advisor</a> for more information and options.</li> <li>• Meet with your <a href="#">W. P. Carey Career Coach</a></li> <li>• Update your <a href="#">resume</a></li> </ul>
 SOS 325: The Economics of Sustainability	3	C	
ENG 302: Business Writing (L)	3		
FIN 300: Fundamentals of Finance	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Maintain 2.50 GPA in Major Courses.			
Term hours subtotal:		16.25	

Term 6 78.75 - 93.75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 Upper Division Sustainability Elective	3	C	<ul style="list-style-type: none"> <li>• Complete <a href="#">informational interviews</a></li> <li>• Complete an in person or virtual practice interview with your <a href="#">W. P. Carey Career Coach</a></li> </ul>
MKT 300: Marketing and Business Performance	3	C	
WPC 300: Problem Solving and Actionable Analytics	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Cultural Diversity in the U.S. (C)	3		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Maintain 2.50 GPA in Major Courses.			
Term hours subtotal:		15	

Term 7 93.75 - 107.75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
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★ SCM 385: Business and Sustainability I	3	C
LES 305: Business Law and Ethics for Managers	3	C
MGT 300: Principles of Management and Leadership	3	C
Upper Division Elective OR WPC 484: Internship	3	
Upper Division Elective	2	
Maintain 2.50 GPA in Major Courses.		
Term hours subtotal:	14	

- Attend W. P. Carey and ASU Career Fairs
- Gather professional references
- Update your resume
- Meet with your academic advisor to discuss your internship course options

Term 8 107.75 - 120.00 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ SCM 485: Business and Sustainability II	3	C	<ul style="list-style-type: none"> <li>• Apply for full-time career opportunities</li> <li>• Meet with your academic advisor to discuss your internship course options</li> </ul>
WPC 448: Senior Career Transition Management	0.25	C	
Upper Division International Business Course AND Global Awareness (G)	3	C	
Upper Division Elective OR WPC 484: Internship	3		
Upper Division Elective	3		
Maintain 2.50 GPA in Major Courses.			
Term hours subtotal:	12.25		

- SOS 492 is not accepted as a Upper Division Sustainability Elective

Hide Course List(s)/Track Group(s)

MAT 117 Track (dependent on the student's math placement)	MAT 210 Track (dependent on the student's math placement)	Upper Division Sustainability Elective
MAT 117: College Algebra (MA)	MAT 210: Brief Calculus (MA)	AGB 414: Food and Agribusiness Policy Issues (L)
MAT 210: Brief Calculus (MA)	MAT 211: Mathematics for Business Analysis or ACO 100: All About Data: Design, Query, and Visualization (CS) or EDS 223: Design Thinking or EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	AGB 452: Global Food and Agricultural Trade
Upper Division International Business Course - select one course (3 credit hours)		SOS Upper Division Elective
AGB 302: International Management and Agribusiness (G)		
ECN 306: Survey of International Economics (SB & G)		
MGT 302: Principles of International Business (G)		
MKT 425: Global Marketing Management (G)		
SCM 463: Global Supply Chain Management (G)		

Notes:

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- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 50 minimum

**Major GPA:** 2.50 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map

### Business (Sustainability), BA

School/College: [W. P. Carey School of Business](#)

Location: [Online ASU Local](#)

BABUSSBA

Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 WPC 101: Student Success in Business	1		<ul style="list-style-type: none"> <li>ASU 101 or college specific equivalent First Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement</li> <li>Create your first college <a href="#">resume</a></li> </ul>
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 16 Credit Hours	Hours	Minimum Grade	Notes
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	<ul style="list-style-type: none"> <li>View ASU Online first-time freshmen registration information <a href="#">here</a>.</li> <li>Students must complete two math courses. Students will complete either MAT 117 and MAT 210 (MAT 117 Track) OR MAT 210 and MAT 211 or a quantitative course (MAT 210 Track)</li> <li>Students will be completing MAT 117 (MAT 117 Track) or MAT 210 (MAT 210 Track) in term 1</li> <li>Join a <a href="#">student club or organization</a></li> </ul>
SOC course (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	9		

Term 2 - A 16 - 25.25 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>Students will be completing MAT 210 (MAT 117 Track) OR MAT 211 or a quantitative course (MAT 210 Track) in term 2</li> <li>WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit.</li> <li>Research <a href="#">study abroad opportunities</a> recommended for your major</li> </ul>
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
Term hours subtotal:	9.25		

Term 2 - B 25.25 - 31.25 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ECN 211: Macroeconomic Principles (SB)	3	C	

PSY course (SB) 3

❖ Complete ENG 101 OR ENG 105 OR ENG 107 course(s).

❖ Minimum 2.00 GPA ASU Cumulative.

Term hours subtotal: 6

Term 3 - A 31.25 - 40.25 Credit Hours	Hours	Minimum Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	<ul style="list-style-type: none"> <li>• Explore <b>career resources</b>.</li> <li>• Meet with your <b>W. P. Carey Career Coach</b></li> <li>• Attend <b>W. P. Carey and ASU Career Fairs</b></li> </ul>
COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3		
SOS 110: Sustainable World (SB)	3	C	
Term hours subtotal:	9		

Term 3 - B 40.25 - 46.50 Credit Hours <b>Critical course signified by</b>	Hours	Minimum Grade	Notes
❖ ACC 241: Uses of Accounting Information II	3	C	<ul style="list-style-type: none"> <li>• Continuing first-year students will take WPC 248, after completing WPC 148</li> <li>• New transfer students will take WPC 347</li> <li>• Develop your <b>professional online presence</b></li> </ul>
ECN 212: Microeconomic Principles (SB)	3	C	
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C	
❖ Complete Mathematics (MA) requirement.			
Term hours subtotal:	6.25		

Term 4 - A 46.50 - 55.50 Credit Hours	Hours	Minimum Grade	Notes
ECN 221: Business Statistics (CS)	3	C	<ul style="list-style-type: none"> <li>• Attend <b>W. P. Carey and ASU career fairs</b></li> <li>• Apply for <b>internships</b> or <b>create one</b></li> </ul>
SOS 111: Sustainable Cities ((HU or SB) & G) OR PUP 190: Sustainable Cities ((HU or SB) & G)	3	C	
Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	9		

Term 4 - B 55.50 - 62.50 Credit Hours <b>Critical course signified by</b>	Hours	Minimum Grade	Notes
❖ Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ)	4		
❖ Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	7		

Term 5 - A 62.50 - 68.75 Credit Hours <b>Necessary course signified by</b>	Hours	Minimum Grade	Notes
★ MKT 300: Marketing and Business Performance	3	C	<ul style="list-style-type: none"> <li>• Meet with your <b>W. P. Carey Career Coach</b></li> <li>• Update your <b>resume</b></li> </ul>
★ SCM 300: Global Supply Operations	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
Term hours subtotal:	6.25		

Term 5 - B 68.75 - 77.75 Credit Hours	Hours	Minimum Grade	Notes
ENG 302: Business Writing (L)	3		<ul style="list-style-type: none"> <li>• Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.</li> </ul>
LES 305: Business Law and Ethics for Managers	3	C	
WPC 300: Problem Solving and Actionable Analytics	3	C	
Term hours subtotal:	9		

Term 6 - A 77.75 - 84.75 Credit Hours	Hours	Minimum Grade	Notes
SOS 325: The Economics of Sustainability	3	C	<ul style="list-style-type: none"> <li>Complete informational interviews</li> </ul>
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Maintain 2.50 GPA in Major Courses.			
Term hours subtotal:	7		

Term 6 - B 84.75 - 90.75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ MGT 300: Principles of Management and Leadership	3	C	<ul style="list-style-type: none"> <li>Complete an in person or virtual practice interview with your W. P. Carey Career Coach</li> </ul>
Upper Division International Business Course AND Global Awareness (G)	3	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 90.75 - 99.75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ SCM 385: Business and Sustainability I	3	C	<ul style="list-style-type: none"> <li>Attend W. P. Carey and ASU Career Fairs</li> </ul>
FIN 300: Fundamentals of Finance	3	C	
Upper Division Elective OR WPC 484: Internship	3		
Maintain 2.50 GPA in Major Courses.			
Term hours subtotal:	9		

Term 7 - B 99.75 - 105.75 Credit Hours	Hours	Minimum Grade	Notes
SOS Upper Division Elective	3	C	<ul style="list-style-type: none"> <li>SOS 492 is not accepted as an SOS Upper Division Elective.</li> <li>Gather professional references</li> <li>Update your resume</li> </ul>
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Maintain 2.50 GPA in Major Courses.			
Term hours subtotal:	6		

Term 8 - A 105.75 - 114.00 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ SCM 485: Business and Sustainability II	3	C	<ul style="list-style-type: none"> <li>Apply for full-time career opportunities</li> </ul>
WPC 448: Senior Career Transition Management	0.25	C	
Upper Division Elective OR WPC 484: Internship	3		
Upper Division Elective	2		
Maintain 2.50 GPA in Major Courses.			
Term hours subtotal:	8.25		

Term 8 - B 114.00 - 120.00 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	6		

Hide Course List(s)/Track Group(s)

MAT 117 Track (dependent on the student's math placement)	MAT 210 Track (dependent on the student's math placement)	Upper Division International Business Course - select one course (3 credit hours)
MAT 117: College Algebra (MA)	MAT 210: Brief Calculus (MA)	AGB 302: International Management and Agribusiness (G)
MAT 210: Brief Calculus (MA)	MAT 211: Mathematics for Business Analysis or ACO 100: All About Data: Design, Query, and Visualization (CS) or EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	ECN 306: Survey of International Economics (SB & G)
		MGT 302: Principles of International Business (G)
		MKT 425: Global Marketing Management (G)
		SCM 463: Global Supply Chain Management (G)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 50 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map




### Business (Technology), BA

School/College: W. P. Carey School of Business

Location: Polytechnic

BABUSTCBA

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 WPC 101: Student Success in Business	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement</li> <li>Students must complete two math courses. Students will complete either MAT 117 and MAT 210 (MAT 117 Track) OR MAT 210 and MAT 211 or a quantitative course (MAT 210 Track)</li> <li>Students will be completing MAT 117 (MAT 117 Track) or MAT 210 (MAT 210 Track) in term 1</li> <li>Join a student <b>club or organization</b></li> <li>Create your first college <b>resume</b></li> </ul>
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
SOC course (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	16		

Term 2 16 - 31.25 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ECN 211: Macroeconomic Principles (SB)	3	C	<ul style="list-style-type: none"> <li>Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your <b>academic advisor</b> for more information and options.</li> <li>Students will be completing MAT 210 (MAT 117 Track) OR MAT 211 or a quantitative course (MAT 210 Track) in term 2</li> <li>WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit.</li> <li>Explore student <b>leadership opportunities</b> in W. P. Carey</li> <li>Research <b>study abroad opportunities</b> recommended for your major</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
PSY course (SB)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15.25		

Term 3 31.25 - 47.50 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	<ul style="list-style-type: none"> <li>Continuing first-year students will take WPC 248, after completing WPC 148</li> </ul>



COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3	
ECN 212: Microeconomic Principles (SB)	3	C
ECN 221: Business Statistics (CS)	3	C
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C
Natural Science - Quantitative (SQ)	4	
🚩 Complete Mathematics (MA) requirement.		
Term hours subtotal:	16.25	

- New transfer students will take WPC 347
- Explore [career resources](#)
- Develop your [professional online presence](#)
- Meet with your [W. P. Carey Career Coach](#)
- Attend [W. P. Carey and ASU Career Fairs](#)

Term 4 47.50 - 63.50 Credit Hours <b>Critical course signified by</b> 🚩	Hours	Minimum Grade	Notes
ACC 241: Uses of Accounting Information II	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		<ul style="list-style-type: none"> <li>• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your <a href="#">academic advisor</a> for more information and options.</li> <li>• Attend <a href="#">W. P. Carey and ASU career fairs</a></li> <li>• Apply for <a href="#">internships</a> or <a href="#">create one</a></li> </ul>
Cultural Diversity in the U.S. (C)	3		
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
🚩 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 5 63.50 - 78.75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ TEM 400: Technology Entrepreneurship	3	C	<ul style="list-style-type: none"> <li>• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your <a href="#">academic advisor</a> for more information and options.</li> <li>• Meet with your <a href="#">W. P. Carey Career Coach</a></li> <li>• Update your <a href="#">resume</a></li> </ul>
★ Technology Focus Area Course	3	C	
MGT 300: Principles of Management and Leadership	3	C	
MKT 300: Marketing and Business Performance	3	C	
SCM 300: Global Supply Operations	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
Term hours subtotal:	15.25		

Term 6 78.75 - 93.75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ TMC 470: Enterprise Planning and Implementation	3	C	<ul style="list-style-type: none"> <li>• Complete <a href="#">informational interviews</a></li> <li>• Complete an in person or virtual practice interview with your <a href="#">W. P. Carey Career Coach</a></li> </ul>
ENG 302: Business Writing (L)	3		
Upper Division International Business Elective AND Global Awareness (G)	3	C	
Technology Focus Area Course	3	C	
Upper Division Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93.75 - 107.75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Upper Division Technology Focus Area Course	3	C	<ul style="list-style-type: none"> <li>• Attend <a href="#">W. P. Carey and ASU Career Fairs</a></li> <li>• Gather <a href="#">professional references</a></li> <li>• Update your <a href="#">resume</a></li> </ul>
FIN 300: Fundamentals of Finance	3	C	

LES 305: Business Law and Ethics for Managers	3	C
Upper Division Elective OR TEM 484: Internship OR WPC 484: Internship	3	
Upper Division Elective	2	
Term hours subtotal:	14	

- Meet with your academic advisor to discuss your internship course options

★ Term 8 107.75 - 120.00 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Technology Focus Area Course	3	C	• Apply for full-time career opportunities
WPC 300: Problem Solving and Actionable Analytics	3	C	
WPC 448: Senior Career Transition Management	0.25	C	
Humanities, Arts and Design (HU)	3		
Upper Division Elective	3		
Term hours subtotal:	12.25		

- Choose one Focus Area and complete 12 credit hours.

#### Hide Course List(s)/Track Group(s)

MAT 117 Track (dependent on the student's math placement)	MAT 210 Track (dependent on the student's math placement)	Technology Focus Area (Digital Media) - choose one focus area (12 credit hours)
MAT 117: College Algebra (MA)	MAT 210: Brief Calculus (MA)	GIT 215: Introduction to Web Authoring
MAT 210: Brief Calculus (MA)	MAT 211: Mathematics for Business Analysis or ACO 100: All About Data: Design, Query, and Visualization (CS) or EDS 223: Design Thinking or EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	GIT 230: Digital Illustration in Publishing GIT 303: Digital Publishing GIT 334: Image Editing and Manipulation
Technology Focus Area (Social Entrepreneurship) - choose one focus area (12 credit hours)	Upper Division International Business Course - select one course (3 credit hours)	
AGB 321: Agribusiness Marketing	AGB 302: International Management and Agribusiness (G)	
AGB 333: Agribusiness Finance	ECN 306: Survey of International Economics (SB & G)	
TEM 230: Creativity and Business Innovation	MGT 302: Principles of International Business (G)	
TEM 431: Innovation Management	MKT 425: Global Marketing Management (G)	
TEM 455: Global Impact Entrepreneurship	SCM 463: Global Supply Chain Management (G)	
TMC 331: Quality Assurance		
TMC 430: Enterprise Strategy and Innovation		

#### Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>

- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 50 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.







## 2023 - 2024 Major Map

### Business (Tourism), BA

School/College: W. P. Carey School of Business

Location: Tempe

BABUSTBA

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 WPC 101: Student Success in Business	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement</li> <li>Students must complete two math courses. Students will complete either MAT 117 and MAT 210 (MAT 117 Track) OR MAT 210 and MAT 211 or a quantitative course (MAT 210 Track)</li> <li>Students will be completing MAT 117 (MAT 117 Track) or MAT 210 (MAT 210 Track) in term 1</li> <li>Join a student <b>club or organization</b></li> <li>Create your first college <b>resume</b></li> </ul>
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
SOC course (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	16		
Term 2 16 - 31.25 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ECN 211: Macroeconomic Principles (SB)	3	C	<ul style="list-style-type: none"> <li>Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your <b>academic advisor</b> for more information and options.</li> <li>Students will be completing MAT 210 (MAT 117 Track) OR MAT 211 or a quantitative course (MAT 210 Track) in term 2</li> <li>WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit.</li> <li>Explore student <b>leadership opportunities</b> in W. P. Carey</li> <li>Research <b>study abroad opportunities</b> recommended for your major</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
PSY course (SB)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15.25		
Term 3 31.25 - 47.50 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	<ul style="list-style-type: none"> <li>Continuing first-year students will take WPC 248, after completing WPC 148</li> </ul>

COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3	
ECN 212: Microeconomic Principles (SB)	3	C
ECN 221: Business Statistics (CS)	3	C
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C
Natural Science - Quantitative (SQ)	4	
🚩 Complete Mathematics (MA) requirement.		
Term hours subtotal:	16.25	

- New transfer students will take WPC 347
- Explore [career resources](#)
- Develop your [professional online presence](#)
- Meet with your [W. P. Carey Career Coach](#)
- Attend [W. P. Carey and ASU Career Fairs](#)

Term 4 47.50 - 63.50 Credit Hours <b>Critical course signified by</b> 🚩	Hours	Minimum Grade	Notes
ACC 241: Uses of Accounting Information II	3	C	<ul style="list-style-type: none"> <li>• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your <a href="#">academic advisor</a> for more information and options.</li> <li>• Attend <a href="#">W. P. Carey and ASU career fairs</a></li> <li>• Apply for <a href="#">internships</a> or <a href="#">create one</a></li> </ul>
TDM 205: Introduction to Travel and Tourism (G)	3	C	
Cultural Diversity in the U.S. (C)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Upper Division Elective	3		
🚩 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 5 63.50 - 78.75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Tourism Concentration Elective	3	C	<ul style="list-style-type: none"> <li>• Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.</li> <li>• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your <a href="#">academic advisor</a> for more information and options.</li> <li>• Meet with your <a href="#">W. P. Carey Career Coach</a></li> <li>• Update your <a href="#">resume</a></li> </ul>
ENG 302: Business Writing (L)	3		
FIN 300: Fundamentals of Finance	3	C	
MGT 300: Principles of Management and Leadership	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	15.25		

Term 6 78.75 - 92.75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Upper Division Tourism Concentration Elective	3	C	<ul style="list-style-type: none"> <li>• Complete <a href="#">informational interviews</a></li> <li>• Complete an in person or virtual practice interview with your <a href="#">W. P. Carey Career Coach</a></li> </ul>
MKT 300: Marketing and Business Performance	3	C	
SCM 300: Global Supply Operations	3	C	
WPC 300: Problem Solving and Actionable Analytics	3	C	
Upper Division Elective	2		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	14		

Term 7 92.75 - 107.75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Upper Division Tourism Concentration Elective	3	C	<ul style="list-style-type: none"> <li>• Attend <a href="#">W. P. Carey and ASU Career Fairs</a></li> <li>• Gather <a href="#">professional references</a></li> </ul>
LES 305: Business Law and Ethics for Managers	3	C	

Upper Division International Business Course AND Global Awareness (G)	3	C
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3	
Upper Division Elective OR MGT 484: Internship	3	
Term hours subtotal:	15	

- Update your resume
- Meet with your academic advisor to discuss your internship course options

<b>Term 8 107.75 - 120.00 Credit Hours Necessary course signified by</b>	<b>Hours</b>	<b>Minimum Grade</b>	<b>Notes</b>
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★ Complete 2 courses: Upper Division Tourism Concentration Elective	6	C
WPC 448: Senior Career Transition Management	0.25	C
Literacy and Critical Inquiry (L)	3	
Upper Division Elective	3	
Term hours subtotal:	12.25	

- Apply for full-time career opportunities

Hide Course List(s)/Track Group(s)

MAT 117 Track (dependent on the student's math placement)	MAT 210 Track (dependent on the student's math placement)	Tourism Concentration Electives - select five courses (15 credit hours)
MAT 117: College Algebra (MA)	MAT 210: Brief Calculus (MA)	PRM 145: Special Events Management
MAT 210: Brief Calculus (MA)	MAT 211: Mathematics for Business Analysis or ACO 100: All About Data: Design, Query, and Visualization (CS) or EDS 223: Design Thinking or EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	TDM 225: Introduction to Resort and Hotel Management
		TDM 345: Meeting and Convention Planning
		TDM 350: Tourism, Recreation and Sports Marketing
		TDM 372: Tourism Planning (L)
		TDM 386: Convention Sales and Management
		TDM 415: Tourism Transportation Systems
		TDM 448: Heritage and Cultural Tourism
		TDM 458: International Tourism (G)
		TDM 475: Entrepreneurial Recreation and Tourism
		TDM 480: Sustainable Tourism
		TDM 483: Sports Tourism
		TDM 484: Internship
Upper Division International Business Course - select one course (3 credit hours)		
AGB 302: International Management and Agribusiness (G)		
ECN 306: Survey of International Economics (SB & G)		

MGT 302: Principles of International Business  
(G)

MKT 425: Global Marketing Management (G)

SCM 463: Global Supply Chain Management  
(G)

**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 50 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map

### Business (Tourism), BA

School/College: W. P. Carey School of Business

Location: Online ASU Local

BABUSTBA

Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 WPC 101: Student Success in Business	1		<ul style="list-style-type: none"> <li>ASU 101 or college specific equivalent First Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement</li> <li>Create your first college <b>resume</b></li> </ul>
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 16 Credit Hours	Hours	Minimum Grade	Notes
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	<ul style="list-style-type: none"> <li>View ASU Online first-time freshmen registration information <a href="#">here</a>.</li> <li>Students must complete two math courses. Students will complete either MAT 117 and MAT 210 (MAT 117 Track) OR MAT 210 and MAT 211 or a quantitative course (MAT 210 Track)</li> <li>Students will be completing MAT 117 (MAT 117 Track) or MAT 210 (MAT 210 Track) in term 1</li> <li>Join a <b>student club or organization</b></li> </ul>
SOC course (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	9		

Term 2 - A 16 - 25.25 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>Students will be completing MAT 210 (MAT 117 Track) OR MAT 211 or a quantitative course (MAT 210 Track) in term 2</li> <li>WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit.</li> <li>Research <b>study abroad opportunities</b> recommended for your major</li> </ul>
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
MAT 117 Track AND Mathematics (MA) OR MAT 210 Track AND Mathematics (MA)	3	C	
Term hours subtotal:	9.25		

Term 2 - B 25.25 - 31.25 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
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ECN 211: Macroeconomic Principles (SB)	3	C
PSY course (SB)	3	
❗ Complete ENG 101 OR ENG 105 OR ENG 107 course(s).		
❗ Minimum 2.00 GPA ASU Cumulative.		
Term hours subtotal:	6	

Term 3 - A 31.25 - 40.25 Credit Hours	Hours	Minimum Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	<ul style="list-style-type: none"> <li>• Explore <b>career resources</b>.</li> <li>• Meet with your <b>W. P. Carey Career Coach</b></li> <li>• Attend <b>W. P. Carey and ASU Career Fairs</b></li> </ul>
ECN 212: Microeconomic Principles (SB)	3	C	
Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	9		

Term 3 - B 40.25 - 46.50 Credit Hours <b>Critical course signified by</b> ❗	Hours	Minimum Grade	Notes
ACC 241: Uses of Accounting Information II	3	C	<ul style="list-style-type: none"> <li>• Continuing first-year students will take WPC 248, after completing WPC 148</li> <li>• New transfer students will take WPC 347</li> <li>• Develop your <b>professional online presence</b></li> </ul>
COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3		
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C	
❗ Complete Mathematics (MA) requirement.			
Term hours subtotal:	6.25		

Term 4 - A 46.50 - 55.50 Credit Hours	Hours	Minimum Grade	Notes
ECN 221: Business Statistics (CS)	3	C	<ul style="list-style-type: none"> <li>• Attend <b>W. P. Carey and ASU career fairs</b></li> <li>• Apply for <b>internships</b> or <b>create one</b></li> </ul>
TDM 205: Introduction to Travel and Tourism (G)	3	C	
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	9		

Term 4 - B 55.50 - 62.50 Credit Hours <b>Critical course signified by</b> ❗	Hours	Minimum Grade	Notes
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ)	4		
❗ Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	7		

Term 5 - A 62.50 - 68.75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ MKT 300: Marketing and Business Performance	3	C	<ul style="list-style-type: none"> <li>• Meet with your <b>W. P. Carey Career Coach</b></li> <li>• Update your <b>resume</b></li> </ul>
★ SCM 300: Global Supply Operations	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
Term hours subtotal:	6.25		

Term 5 - B 68.75 - 77.75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ MGT 300: Principles of Management and Leadership	3	C	
ENG 302: Business Writing (L)	3		

Tourism Concentration Elective	3	C
Term hours subtotal:	9	

- Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.

Term 6 - A 77.75 - 85.75 Credit Hours	Hours	Minimum Grade	Notes
WPC 300: Problem Solving and Actionable Analytics	3	C	• Complete informational interviews
Upper Division International Business Course AND Global Awareness (G)	3	C	
Upper Division Elective	2		
Term hours subtotal:	8		

Term 6 - B 85.75 - 92.75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ FIN 300: Fundamentals of Finance	3	C	• Complete an in person or virtual practice interview with your W. P. Carey Career Coach
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	7		

Term 7 - A 92.75 - 98.75 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Tourism Concentration Elective	3	C	• Attend W. P. Carey and ASU Career Fairs
Upper Division Elective OR WPC 484: Internship	3		
Term hours subtotal:	6		

Term 7 - B 98.75 - 107.75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ LES 305: Business Law and Ethics for Managers	3	C	• Gather professional references • Update your resume
Upper Division Tourism Concentration Elective	3	C	
Upper Division Elective	3		
Term hours subtotal:	9		

Term 8 - A 107.75 - 114.00 Credit Hours	Hours	Minimum Grade	Notes
WPC 448: Senior Career Transition Management	0.25	C	• Apply for full-time career opportunities
Upper Division Tourism Concentration Elective	3	C	
Upper Division Elective	3		
Term hours subtotal:	6.25		

Term 8 - B 114.00 - 120.00 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Upper Division Tourism Concentration Elective	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	6		

Hide Course List(s)/Track Group(s)

MAT 117 Track (dependent on the student's math placement)	MAT 210 Track (dependent on the student's math placement)	Tourism Concentration Electives - select five courses (15 credit hours)
MAT 117: College Algebra (MA)	MAT 210: Brief Calculus (MA)	PRM 145: Special Events Management
MAT 210: Brief Calculus (MA)	MAT 211: Mathematics for Business Analysis or ACO 100: All About Data: Design, Query, and Visualization (CS) or EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	TDM 225: Introduction to Resort and Hotel Management
		TDM 345: Meeting and Convention Planning
		TDM 350: Tourism, Recreation and Sports Marketing
		TDM 386: Convention Sales and Management
		TDM 448: Heritage and Cultural Tourism
		TDM 458: International Tourism (G)
		TDM 475: Entrepreneurial Recreation and Tourism
		TDM 480: Sustainable Tourism
		TDM 483: Sports Tourism
		TDM 484: Internship
International Business Course - select one course (3 credit hours)		
AGB 302: International Management and Agribusiness (G)		
ECN 306: Survey of International Economics (SB & G)		
MGT 302: Principles of International Business (G)		
MKT 425: Global Marketing Management (G)		
SCM 463: Global Supply Chain Management (G)		

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 50 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

## 2023 - 2024 Major Map

### Business Data Analytics, BS



School/College: W. P. Carey School of Business




Location: Tempe

BABDABS


#### **FT** Fast Track Options: 3 Year

A student must speak with an advisor in order to be added to a fast track plan.



Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 WPC 101: Student Success in Business	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement</li> <li>Join a student <b>club or organization</b></li> <li>Create your first college <b>resume</b></li> </ul>
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
MAT 210: Brief Calculus (MA)	3	C	
SOC course (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	16		




Term 2 16 - 31.25 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ECN 211: Macroeconomic Principles (SB)	3	C	<ul style="list-style-type: none"> <li>WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit.</li> <li>Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your <b>academic advisor</b> for more information and options.</li> <li>Explore student <b>leadership opportunities</b> in W. P. Carey</li> <li>Research <b>study abroad opportunities</b> recommended for your major</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
MAT 211: Mathematics for Business Analysis	3	C	
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
PSY course (SB)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15.25		






Term 3 31.25 - 47.50 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
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ACC 231: Uses of Accounting Information I	3	C
COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3	
ECN 212: Microeconomic Principles (SB)	3	C
ECN 221: Business Statistics (CS)	3	C
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C
Natural Science - Quantitative (SQ)	4	
 Complete Mathematics (MA) requirement.		
Term hours subtotal:		16.25

- Continuing first-year students will take WPC 248, after completing WPC 148
- New transfer students will take WPC 347
- Explore [career resources](#)
- Develop your [professional online presence](#)
- Meet with your [W. P. Carey Career Coach](#)
- Attend [W. P. Carey and ASU Career Fairs](#)

Term 4 47.50 - 60.50 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ACC 241: Uses of Accounting Information II	3	C	<ul style="list-style-type: none"> <li>• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your <a href="#">academic advisor</a> for more information and options.</li> <li>• Attend <a href="#">W. P. Carey</a> and <a href="#">ASU</a> career fairs</li> <li>• Apply for <a href="#">internships</a> or <a href="#">create one</a></li> </ul>
CIS 235: Introduction to Information Systems	3	C	
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Elective	3		
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:		13	

Term 5 60.50 - 75.75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 CIS 315: Introduction to Business Data Analytics	3	C	<ul style="list-style-type: none"> <li>• Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.</li> <li>• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your <a href="#">academic advisor</a> for more information and options.</li> <li>• Meet with your <a href="#">W. P. Carey Career Coach</a></li> <li>• Update your <a href="#">resume</a></li> </ul>
 CIS 407: Business Database Systems Development	3	C	
MKT 300: Marketing and Business Performance	3	C	
SCM 300: Global Supply Operations	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:		15.25	

Term 6 75.75 - 90.75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 CIS 325: Fundamental Techniques for Business Data Analytics	3	C	<ul style="list-style-type: none"> <li>• Complete <a href="#">informational interviews</a></li> <li>• Complete an in person or virtual practice interview with your <a href="#">W. P. Carey Career Coach</a></li> </ul>
 CIS 409: Business Data Warehouses and Dimensional Modeling	3	C	
 Upper Division International Business Course AND Global Awareness (G)	3	C	
ENG 302: Business Writing (L)	3		
WPC 300: Problem Solving and Actionable Analytics	3	C	
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:		15	

Term 7 90.75 - 105.75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 CIS 412: Business Data Mining	3	C	<ul style="list-style-type: none"> <li>• All upper-division Business Core classes (including International Business course)</li> </ul>

★ CIS 415: Big Data Analytics in Business	3	C
FIN 300: Fundamentals of Finance	3	C
LES 305: Business Law and Ethics for Managers	3	C
MGT 300: Principles of Management and Leadership	3	C
Complete FIN 300 AND LES 305 AND MGT 300 AND ★ International Business Course (G) AND MKT 300 AND SCM 300 AND WPC 300 course(s).		
Term hours subtotal:	15	

- must be completed before enrolling in WPC 480
- Attend **W. P. Carey** and ASU Career Fairs
  - Gather **professional references**
  - Update your **resume**

Term 8 105.75 - 120.00 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CIS 450: Enterprise Analytics	3	C	• Apply for full-time career opportunities
★ WPC 480: W. P. Carey Capstone Course (L)	3	C	
WPC 448: Senior Career Transition Management	0.25	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Elective OR CIS 484: Internship OR WPC 484: Internships & Applied Academics	3		
Elective	2		
Term hours subtotal:	14.25		

Hide Course List(s)/Track Group(s)

- Upper Division International Business Course-select one course (3 credit hours)
- AGB 302: International Management and Agribusiness (G)
  - ECN 306: Survey of International Economics (SB & G)
  - MGT 302: Principles of International Business (G)
  - MKT 425: Global Marketing Management (G)
  - SCM 463: Global Supply Chain Management (G)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120  
**Upper Division Hours:** 50 minimum

**General University Requirements Legend**  
General Studies Core Requirements:

**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for**  
**Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.









## 2023 - 2024 Major Map

### Business Data Analytics, BS



School/College: [W. P. Carey School of Business](#)

Location: [Online ASU Local](#)



BABDABS



Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 WPC 101: Student Success in Business	1		<ul style="list-style-type: none"> <li>ASU 101 or college specific equivalent First Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement</li> <li>Create your first college <a href="#">resume</a></li> </ul>
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		
Term 1 - B 7 - 16 Credit Hours	Hours	Minimum Grade	Notes
MAT 210: Brief Calculus (MA)	3	C	<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a></li> <li>Join a <a href="#">student club or organization</a></li> </ul>
SOC course (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	9		
Term 2 - A 16 - 25.25 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>Research <a href="#">study abroad opportunities</a> recommended for your major</li> </ul>
MAT 211: Mathematics for Business Analysis	3	C	
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
Term hours subtotal:	9.25		
Term 2 - B 25.25 - 31.25 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ECN 211: Macroeconomic Principles (SB)	3	C	<ul style="list-style-type: none"> <li>WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit.</li> </ul>
PSY course (SB)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	6		




Term 3 - A 31.25 - 40.25 Credit Hours	Hours	Minimum Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	<ul style="list-style-type: none"> <li>• Explore <a href="#">career resources</a></li> <li>• Meet with your <a href="#">W. P. Carey Career Coach</a></li> <li>• Attend <a href="#">W. P. Carey and ASU Career Fairs</a></li> </ul>
COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3		
ECN 212: Microeconomic Principles (SB)	3	C	
Term hours subtotal:	9		

Term 3 - B 40.25 - 46.50 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ACC 241: Uses of Accounting Information II	3	C	<ul style="list-style-type: none"> <li>• Continuing first-year students will take WPC 248, after completing WPC 148</li> <li>• New transfer students will take WPC 347</li> <li>• Develop your <a href="#">professional online presence</a></li> </ul>
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C	
Elective	3		
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	6.25		

Term 4 - A 46.50 - 53.50 Credit Hours	Hours	Minimum Grade	Notes
ECN 221: Business Statistics (CS)	3	C	<ul style="list-style-type: none"> <li>• Attend <a href="#">W. P. Carey and ASU career fairs</a></li> <li>• Apply for <a href="#">internships</a> or <a href="#">create one</a></li> </ul>
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	7		

Term 4 - B 53.50 - 59.50 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	2		
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	6		

Term 5 - A 59.50 - 65.75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 CIS 235: Introduction to Information Systems	3	C	<ul style="list-style-type: none"> <li>• Meet with your <a href="#">W. P. Carey Career Coach</a></li> <li>• Update your <a href="#">resume</a></li> </ul>
MKT 300: Marketing and Business Performance	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
Term hours subtotal:	6.25		

Term 5 - B 65.75 - 74.75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 CIS 315: Introduction to Business Data Analytics	3	C	<ul style="list-style-type: none"> <li>• Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.</li> </ul>
 CIS 407: Business Database Systems Development	3	C	
ENG 302: Business Writing (L)	3		
Term hours subtotal:	9		

Term 6 - A 74.75 - 83.75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 CIS 325: Fundamental Techniques for Business Data Analytics	3	C	<ul style="list-style-type: none"> <li>• Complete <a href="#">informational interviews</a></li> </ul>

★ CIS 409: Business Data Warehouses and Dimensional Modeling	3	C
WPC 300: Problem Solving and Actionable Analytics	3	C
Term hours subtotal:	9	

Term 6 - B 83.75 - 89.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CIS 412: Business Data Mining	3	C	<ul style="list-style-type: none"> <li>Complete an in person or virtual practice interview with your <b>W. P. Carey Career Coach</b></li> </ul>
Upper Division International Business Elective AND Global Awareness (G)	3	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 89.75 - 98.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CIS 415: Big Data Analytics in Business	3	C	<ul style="list-style-type: none"> <li>All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 480</li> <li>Attend <b>W. P. Carey</b> and <b>ASU Career Fairs</b></li> </ul>
FIN 300: Fundamentals of Finance	3	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	9		

Term 7 - B 98.75 - 107.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CIS 450: Enterprise Analytics	3	C	<ul style="list-style-type: none"> <li>Gather <b>professional references</b></li> <li>Update your <b>resume</b></li> </ul>
LES 305: Business Law and Ethics for Managers	3	C	
MGT 300: Principles of Management and Leadership	3	C	
★ Complete FIN 300 AND LES 305 AND MGT 300 AND International Business Course (G) AND MKT 300 AND SCM 300 AND WPC 300 course(s).			
Term hours subtotal:	9		

Term 8 - A 107.75 - 114.00 Credit Hours	Hours	Minimum Grade	Notes
SCM 300: Global Supply Operations	3	C	<ul style="list-style-type: none"> <li>Apply for <b>full-time career opportunities</b></li> </ul>
WPC 448: Senior Career Transition Management	0.25	C	
Elective OR CIS 484: Internship OR WPC 484: Internships & Applied Academics	3		
Term hours subtotal:	6.25		

Term 8 - B 114.00 - 120.00 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ WPC 480: W. P. Carey Capstone Course (L)	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	6		

Hide Course List(s)/Track Group(s)

Upper Division International Business Course-  
select one course (3 credit hours)

AGB 302: International Management and  
Agribusiness (G)

ECN 306: Survey of International Economics  
(SB & G)

MGT 302: Principles of International Business  
(G)

MKT 425: Global Marketing Management (G)

SCM 463: Global Supply Chain Management  
(G)

**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 50 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

## 2023 - 2024 Major Map

### Business Entrepreneurship, BS



School/College: W. P. Carey School of Business




Location: Tempe



BABUENTBS



#### **FT** Fast Track Options: 3 Year




A student must speak with an advisor in order to be added to a fast track plan.




Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 WPC 101: Student Success in Business	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement</li> <li>Join a student <b>club or organization</b></li> <li>Create your first college <b>resume</b></li> </ul>
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 210: Brief Calculus (MA)	3	C	
SOC 101: Introductory Sociology (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	16		

Term 2 16 - 31.25 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ECN 211: Macroeconomic Principles (SB)	3	C	<ul style="list-style-type: none"> <li>WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit.</li> <li>Failure to successfully complete business skills courses in specified term may lead to a delay in graduation.</li> <li>PSY 101 or SOC 101 is a prerequisite to MGT 320 in term 7</li> <li>Explore student <b>leadership opportunities</b> in W. P. Carey</li> <li>Research <b>study abroad opportunities</b> recommended for your major</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 211: Mathematics for Business Analysis	3	C	
PSY 101: Introduction to Psychology (SB)	3		
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15.25		

Term 3 31.25 - 46.50 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	<ul style="list-style-type: none"> <li>Continuing first-year students will take WPC 248, after completing WPC 148</li> <li>New transfer students will take WPC 347</li> <li>Explore <b>career resources</b></li> <li>Develop your <b>professional online presence</b></li> <li>Meet with your <b>W. P. Carey Career Coach</b></li> <li>Attend <b>W. P. Carey</b> and <b>ASU Career Fairs</b></li> </ul>
COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3		
ECN 212: Microeconomic Principles (SB)	3	C	
ECN 221: Business Statistics (CS)	3	C	
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C	
Elective ( ENT 290 recommended)	3		
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	15.25		

Term 4 46.50 - 63.50 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ACC 241: Uses of Accounting Information II	3	C	<ul style="list-style-type: none"> <li>Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your <b>academic advisor</b> for more information and options.</li> <li>Apply for <b>internships</b> or <b>create</b> one.</li> </ul>
ENT 305: Principles of Entrepreneurship	3	C	
Cultural Diversity in the U.S. (C)	3		
Humanities, Arts and Design (HU)	3		
Natural Science - Quantitative (SQ)	4		
Upper Division Elective	1		
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	17		

Term 5 63.50 - 78.75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 ENT 360: Entrepreneurship and Value Creation	3	C	<ul style="list-style-type: none"> <li>Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.</li> <li>Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your <b>academic advisor</b> for more information and options.</li> <li>Meet with your <b>W. P. Carey Career Coach</b></li> <li>Update your <b>resume</b></li> </ul>
 MGT 300: Principles of Management and Leadership	3	C	
ENG 302: Business Writing (L)	3	C	
MKT 300: Marketing and Business Performance	3	C	
SCM 300: Global Supply Operations	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
Term hours subtotal:	15.25		

Term 6 78.75 - 94.75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 Upper Division ENT Track Course	3	C	<ul style="list-style-type: none"> <li>Students choose one track option from the following: ENT Startup, ENT Finance, ENT Management, or ENT Studies. View track group below for course options.</li> <li>Complete <b>informational interviews</b></li> <li>Complete an in person or virtual practice interview with your <b>W. P. Carey Career Coach</b></li> </ul>
FIN 300: Fundamentals of Finance	3	C	
MGT 302: Principles of International Business (G) OR Upper Division International Business Course AND Global Awareness (G)	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			

Term hours subtotal: 16

Term 7 94.75 - 106.75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ MGT 320: Organizational Behavior	3	C	<ul style="list-style-type: none"> <li>• Students choose one track option from the following: ENT Startup, ENT Finance, ENT Management, or ENT Studies. View track group below for course options.</li> <li>• All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 480</li> <li>• Attend <b>W. P. Carey</b> and <b>ASU</b> Career Fairs</li> <li>• Gather <b>professional references</b></li> <li>• Update your <b>resume</b></li> <li>• Meet with your academic advisor to discuss your internship course options</li> </ul>
LES 305: Business Law and Ethics for Managers	3	C	
WPC 300: Problem Solving and Actionable Analytics	3	C	
Elective OR ENT 484: Internship OR WPC 484: Internship	3		
Complete FIN 300 AND LES 305 AND MGT 300 AND MGT 302			
★ or International Business Course (G) AND MKT 300 AND SCM 300 AND WPC 300 course(s).			
Term hours subtotal:	12		

Term 8 106.75 - 120.00 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ WPC 480: W. P. Carey Capstone Course (L)	3	C	<ul style="list-style-type: none"> <li>• Apply for <b>full-time career opportunities</b></li> <li>• Meet with your academic advisor to discuss your internship course options</li> </ul>
★ Upper Division ENT Track Course	3	C	
WPC 448: Senior Career Transition Management	0.25	C	
Upper Division Entrepreneurship Elective	3	C	
Upper Division Elective	1		
Elective	3		
Term hours subtotal:	13.25		

- Students choose one track option from the following: ENT Start Up, ENT Management, or ENT Studies. View track groups below for course options.
- Maximum three hours of Internship (\*\*\*) 484) courses can be used towards the Upper Division Entrepreneurship Elective.

Hide Course List(s)/Track Group(s)

ENT Start Up Track - complete two courses	ENT Management Track - select two courses	ENT Studies Track - select two courses
ENT 446: Venture Capital Experience	ENT 441: Entrepreneurial Management	ENT 340: Creativity and Innovation (L or HU)
ENT 447: Lean Launch	ENT 448: Corporate Entrepreneurship	ENT 441: Entrepreneurial Management
	MKT 435: Entrepreneurial Marketing	ENT 446: Venture Capital Experience
	MKT 440: Creating Digital Experiences	ENT 447: Lean Launch
		ENT 448: Corporate Entrepreneurship
		ENT 464: Collaborative Design Development I (L)
		ENT 465: Collaborative Design Development II (L)
		ENT 484: Internship

ENT 493: Honors Thesis (L)

MGT 310: Collaborative Team Skills

MGT 411: Leading Organizations

MGT 420: Human Resource Management

MGT 430: Negotiations

MGT 450: Consulting Projects (L)

MKT 435: Entrepreneurial Marketing

MKT 440: Creating Digital Experiences

Upper Division International Business Course - select one course (3 credit hours)	Upper Division Entrepreneurship Elective - select one course (3 credit hours)
AGB 302: International Management and Agribusiness (G)	ENT 340: Creativity and Innovation (L or HU)
ECN 306: Survey of International Economics (SB & G)	ENT 441: Entrepreneurial Management
MGT 302: Principles of International Business (G)	ENT 446: Venture Capital Experience
MKT 425: Global Marketing Management (G)	ENT 447: Lean Launch
SCM 463: Global Supply Chain Management (G)	ENT 448: Corporate Entrepreneurship
	ENT 464: Collaborative Design Development I (L)
	ENT 465: Collaborative Design Development II (L)
	ENT 484: Internship
	ENT 493: Honors Thesis (L)
	MGT 310: Collaborative Team Skills
	MGT 411: Leading Organizations
	MGT 420: Human Resource Management
	MGT 430: Negotiations
	MGT 450: Consulting Projects (L)
	MKT 435: Entrepreneurial Marketing
	MKT 440: Creating Digital Experiences

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 50 minimum

**General University Requirements Legend**



**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for**  
**Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map




### Business Exploratory


School/College: W. P. Carey School of Business

Location: Tempe

BABUSEXP

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 WPC 101: Student Success in Business	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement.</li> <li>Complete the <b>me3</b> career interest tool</li> <li>Join a student <b>club or organization</b></li> <li>Create your first college <b>resume</b></li> </ul>
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 210: Brief Calculus (MA)	3	C	
SOC course (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	16		

Term 2 16 - 31.25 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ECN 211: Macroeconomic Principles (SB)	3	C	<ul style="list-style-type: none"> <li>Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your <b>academic advisor</b> for more information and options.</li> <li>Explore student <b>leadership opportunities</b> in W. P. Carey</li> <li>Research <b>study abroad opportunities</b> recommended for your major</li> <li>WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 211: Mathematics for Business Analysis	3	C	
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
PSY course (SB)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15.25		

Term 3 31.25 - 47.50 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	<ul style="list-style-type: none"> <li>Continuing first-year students will take WPC 248, after completing WPC 148</li> </ul>
COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3		

ECN 212: Microeconomic Principles (SB)	3	C
ECN 221: Business Statistics (CS)	3	C
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C
Natural Science - Quantitative (SQ)	4	
◆ Complete Mathematics (MA) requirement.		
◆ Milestone: Selection of a major.		
Term hours subtotal:		16.25

- New transfer students will take WPC 347
- Explore [career resources](#)
- Develop your [professional online presence](#)
- Meet with your [W. P. Carey Career Coach](#)
- Attend [W. P. Carey and ASU Career Fairs](#)
- Must declare major by end of term 3

- Must declare major by the end of Term 3.
- Changes of major into this program are not allowed.

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 47.5

**Upper Division Hours:** 51 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

## 2023 - 2024 Major Map

### Computer Information Systems, BS






School/College: W. P. Carey School of Business



Location: Tempe



BACISBS




#### **FT** Fast Track Options: 3 Year

A student must speak with an advisor in order to be added to a fast track plan.


Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 WPC 101: Student Success in Business	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement</li> <li>Join a student <b>club or organization</b></li> <li>Create your first college <b>resume</b></li> </ul>
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 210: Brief Calculus (MA)	3	C	
SOC course (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	16		
<hr/>			
Term 2 16 - 31.25 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3		<ul style="list-style-type: none"> <li>WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit.</li> <li>Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your <b>academic advisor</b> for more information and options.</li> <li>Explore student <b>leadership opportunities</b> in W. P. Carey</li> <li>Research <b>study abroad opportunities</b> recommended for your major</li> </ul>
ECN 211: Macroeconomic Principles (SB)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 211: Mathematics for Business Analysis	3	C	
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15.25		

Term 3 31.25 - 47.50 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	<ul style="list-style-type: none"> <li>Continuing first-year students will take WPC 248, after completing WPC 148</li> <li>New transfer students will take WPC 347</li> <li>Explore <a href="#">career resources</a></li> <li>Develop your <a href="#">professional online presence</a></li> <li>Meet with your <a href="#">W. P. Carey Career Coach</a></li> <li>Attend <a href="#">W. P. Carey</a> and <a href="#">ASU Career Fairs</a></li> </ul>
ECN 212: Microeconomic Principles (SB)	3	C	
ECN 221: Business Statistics (CS)	3	C	
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C	
PSY course (SB)	3		
Natural Science - Quantitative (SQ)	4		
 Complete Mathematics (MA) requirement.			
Term hours subtotal:		16.25	

Term 4 47.50 - 62.50 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ACC 241: Uses of Accounting Information II	3	C	<ul style="list-style-type: none"> <li>Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your <a href="#">academic advisor</a> for more information and options.</li> <li>Attend <a href="#">W. P. Carey</a> and <a href="#">ASU career fairs</a></li> <li>Apply for <a href="#">internships</a> or <a href="#">create one</a></li> </ul>
CIS 235: Introduction to Information Systems	3	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Elective	2		
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:		15	

Term 5 62.50 - 77.75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 CIS 340: Business Information System Development I	3	C	<ul style="list-style-type: none"> <li>Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.</li> <li>Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your <a href="#">academic advisor</a> for more information and options.</li> <li>Meet with your <a href="#">W. P. Carey Career Coach</a></li> <li>Update your <a href="#">resume</a></li> </ul>
 CIS 407: Business Database Systems Development	3	C	
MKT 300: Marketing and Business Performance	3	C	
SCM 300: Global Supply Operations	3	C	
WPC 300: Problem Solving and Actionable Analytics	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
Term hours subtotal:		15.25	

Term 6 77.75 - 92.75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 CIS 345: Business Information System Development II	3	C	<ul style="list-style-type: none"> <li>Complete <a href="#">informational interviews</a></li> <li>Complete an in person or virtual practice interview with your <a href="#">W. P. Carey Career Coach</a></li> </ul>
 CIS 425: Web Technologies for the Enterprise	3	C	
ENG 302: Business Writing (L)	3		
LES 305: Business Law and Ethics for Managers	3	C	
Upper Division International Business Course AND Global Awareness (G)	3	C	
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:		15	

Term 7 92.75 - 107.75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
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★ CIS 401: Managing Cyber Risks in Enterprise Business Processes	3	C
★ CIS 430: Mobile Platforms for Business	3	C
FIN 300: Fundamentals of Finance	3	C
MGT 300: Principles of Management and Leadership	3	C
Elective OR CIS 484: Internship OR WPC 484: Internship	3	
Complete FIN 300 AND LES 305 AND MGT 300 AND International Business Course (G) AND MKT 300 AND SCM 300 AND WPC 300 course(s).		
Term hours subtotal:	15	

- All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 480
- Attend **W. P. Carey** and ASU Career Fairs
- Gather **professional references**
- Update your **resume**

Term 8 107.75 - 120.00 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CIS 440: Capstone in Information Systems (L)	3	C	• Apply for full-time career opportunities
★ WPC 480: W. P. Carey Capstone Course (L)	3	C	
WPC 448: Senior Career Transition Management	0.25	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Elective	3		
Term hours subtotal:	12.25		

#### Hide Course List(s)/Track Group(s)

Upper Division International Business Course-select one course (3 credit hours)

AGB 302: International Management and Agribusiness (G)

ECN 306: Survey of International Economics (SB & G)

MGT 302: Principles of International Business (G)

MKT 425: Global Marketing Management (G)

SCM 463: Global Supply Chain Management (G)

#### Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 50 minimum

**Major GPA:** 2.00 minimum

#### General University Requirements Legend

General Studies Core Requirements:

**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for**  
**Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.







## 2023 - 2024 Major Map

### Computer Information Systems, BS











School/College: [W. P. Carey School of Business](#)




Location: [Online ASU Local](#)



BACISBS





Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 WPC 101: Student Success in Business	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement</li> <li>Create your first college <a href="#">resume</a></li> </ul>
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		
Term 1 - B 7 - 16 Credit Hours	Hours	Minimum Grade	Notes
MAT 210: Brief Calculus (MA)	3	C	<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> <li>Join a <a href="#">student club or organization</a></li> </ul>
SOC course (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	9		
Term 2 - A 16 - 25.25 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>Research <a href="#">study abroad opportunities</a> recommended for your major</li> </ul>
MAT 211: Mathematics for Business Analysis	3	C	
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
Term hours subtotal:	9.25		
Term 2 - B 25.25 - 31.25 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3		<ul style="list-style-type: none"> <li>WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete 3 hours of elective credit.</li> </ul>
ECN 211: Macroeconomic Principles (SB)	3	C	
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	6		






Term 3 - A 31.25 - 40.25 Credit Hours	Hours	Minimum Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	<ul style="list-style-type: none"> <li>• Explore <a href="#">career resources</a>.</li> <li>• Meet with your <a href="#">W. P. Carey Career Coach</a></li> </ul>
ECN 212: Microeconomic Principles (SB)	3	C	
PSY course (SB)	3		
Term hours subtotal:	9		
Term 3 - B 40.25 - 46.50 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ACC 241: Uses of Accounting Information II	3	C	<ul style="list-style-type: none"> <li>• Explore <a href="#">career resources</a>.</li> <li>• Meet with your <a href="#">W. P. Carey Career Coach</a></li> <li>• Attend <a href="#">W. P. Carey and ASU Career Fairs</a></li> </ul>
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	6.25		
Term 4 - A 46.50 - 53.50 Credit Hours	Hours	Minimum Grade	Notes
ECN 221: Business Statistics (CS)	3	C	<ul style="list-style-type: none"> <li>• Attend <a href="#">W. P. Carey and ASU career fairs</a></li> <li>• Apply for <a href="#">internships</a> or <a href="#">create one</a></li> </ul>
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	7		
Term 4 - B 53.50 - 61.50 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	4		
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	8		
Term 5 - A 61.50 - 67.75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 CIS 235: Introduction to Information Systems	3	C	<ul style="list-style-type: none"> <li>• Meet with your <a href="#">W. P. Carey Career Coach</a></li> <li>• Update your <a href="#">resume</a></li> </ul>
MKT 300: Marketing and Business Performance	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
Term hours subtotal:	6.25		
Term 5 - B 67.75 - 76.75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 CIS 340: Business Information System Development I	3	C	<ul style="list-style-type: none"> <li>• Students pursuing concurrent degrees within <a href="#">W. P. Carey</a> cannot share coursework in the major. Major coursework must be unique to each degree program.</li> </ul>
MGT 300: Principles of Management and Leadership	3	C	
SCM 300: Global Supply Operations	3	C	
Term hours subtotal:	9		
Term 6 - A 76.75 - 82.75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 CIS 407: Business Database Systems Development	3	C	<ul style="list-style-type: none"> <li>• Complete <a href="#">informational interviews</a></li> </ul>
WPC 300: Problem Solving and Actionable Analytics	3	C	
Term hours subtotal:	6		

Term 6 - B 82.75 - 91.75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 CIS 345: Business Information System Development II	3	C	<ul style="list-style-type: none"> <li>• Complete an in person or virtual practice interview with your <b>W. P. Carey Career Coach</b></li> </ul>
FIN 300: Fundamentals of Finance	3	C	
Upper Division International Business Elective AND Global Awareness (G)	3	C	
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	9		

Term 7 - A 91.75 - 98.75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 CIS 425: Web Technologies for the Enterprise	3	C	<ul style="list-style-type: none"> <li>• All upper-division Business Core classes (including an International Business course) must be completed before enrolling in WPC 480</li> <li>• Attend <b>W. P. Carey</b> and <b>ASU Career Fairs</b></li> </ul>
ENG 302: Business Writing (L)	3		
Elective	1		
Term hours subtotal:	7		

Term 7 - B 98.75 - 107.75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 CIS 401: Managing Cyber Risks in Enterprise Business Processes	3	C	<ul style="list-style-type: none"> <li>• Gather <b>professional references</b></li> <li>• Update your <b>resume</b></li> </ul>
 CIS 430: Mobile Platforms for Business	3	C	
LES 305: Business Law and Ethics for Managers	3	C	
 Complete FIN 300 AND LES 305 AND MGT 300 AND International Business Course (G) AND MKT 300 AND SCM 300 AND WPC 300 course(s).			
Term hours subtotal:	9		

Term 8 - A 107.75 - 114.00 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 CIS 440: Capstone in Information Systems (L)	3	C	<ul style="list-style-type: none"> <li>• Apply for <b>full-time career opportunities</b></li> </ul>
WPC 448: Senior Career Transition Management	0.25	C	
Elective OR WPC 484: Internship	3		
Term hours subtotal:	6.25		

Term 8 - B 114.00 - 120.00 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 WPC 480: W. P. Carey Capstone Course (L)	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	6		

Hide Course List(s)/Track Group(s)

Upper Division International Business Course-select one course (3 credit hours)

AGB 302: International Management and Agribusiness (G)

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ECN 306: Survey of International Economics  
(SB & G)

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MGT 302: Principles of International Business  
(G)

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MKT 425: Global Marketing Management (G)

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SCM 463: Global Supply Chain Management  
(G)

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**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 50 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

## 2023 - 2024 Major Map

### Economics, BS



School/College: W. P. Carey School of Business




Location: Tempe



BAECNBS



### **FT** Fast Track Options: 3 Year



A student must speak with an advisor in order to be added to a fast track plan.




Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 WPC 101: Student Success in Business	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement</li> <li>Join a student <b>club or organization</b></li> <li>Create your first college <b>resume</b></li> </ul>
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 210: Brief Calculus (MA) OR MAT 270: Calculus with Analytic Geometry I (MA)	3-4	C	
SOC course (SB)	3		
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	16-17		

Term 2 16 - 31.25 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ECN 211: Macroeconomic Principles (SB)	3	C	<ul style="list-style-type: none"> <li>WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit.</li> <li>Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your <b>academic advisor</b> for more information and options.</li> <li>Explore student <b>leadership opportunities</b> in W. P. Carey</li> <li>Research <b>study abroad opportunities</b> recommended for your major</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 211: Mathematics for Business Analysis OR MAT 271: Calculus with Analytic Geometry II (MA)	3-4	C	
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
PSY course (SB)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15.25-16.25		

Term 3 31.25 - 47.50 Credit Hours <b>Critical course signified by</b> 	Hours	Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	<ul style="list-style-type: none"> <li>Continuing first-year students will take WPC 248, after completing WPC 148</li> <li>New transfer students will take WPC 347</li> <li>Explore <a href="#">career resources</a></li> <li>Develop your <a href="#">professional online presence</a></li> <li>Meet with your <a href="#">W. P. Carey Career Coach</a></li> <li>Attend <a href="#">W. P. Carey and ASU Career Fairs</a></li> </ul>
COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3		
ECN 212: Microeconomic Principles (SB)	3	C	
ECN 221: Business Statistics (CS)	3	C	
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C	
Natural Science - Quantitative (SQ)	4		
 Complete Mathematics (MA) requirement.			
Term hours subtotal:		16.25	

Term 4 47.50 - 62.50 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ACC 241: Uses of Accounting Information II	3	C	<ul style="list-style-type: none"> <li>Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your <a href="#">academic advisor</a> for more information and options.</li> <li>Attend <a href="#">W. P. Carey and ASU career fairs</a></li> <li>Apply for <a href="#">internships</a> or <a href="#">create one</a></li> </ul>
Cultural Diversity in the U.S. (C)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Upper Division Elective	2		
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:		15	

Term 5 62.50 - 77.75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 ECN 312: Intermediate Microeconomic Theory (SB)	3	C	<ul style="list-style-type: none"> <li>Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.</li> <li>Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your <a href="#">academic advisor</a> for more information and options.</li> <li>Meet with your <a href="#">W. P. Carey Career Coach</a></li> <li>Update your <a href="#">resume</a></li> </ul>
ENG 302: Business Writing (L)	3		
FIN 300: Fundamentals of Finance	3	C	
MGT 300: Principles of Management and Leadership	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
Elective	3		
Term hours subtotal:		15.25	

Term 6 77.75 - 92.75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 ECN 313: Intermediate Macroeconomic Theory (SB)	3	C	<ul style="list-style-type: none"> <li>3 credit hours maximum of ECN 484 is allowed</li> <li>Complete <a href="#">informational interviews</a></li> <li>Complete an in person or virtual practice interview with your <a href="#">W. P. Carey Career Coach</a></li> </ul>
ECN 410: Applied Regression Analysis and Forecasting OR ECN 425: Introduction to Econometrics	3	C	
MKT 300: Marketing and Business Performance	3	C	
SCM 300: Global Supply Operations	3	C	
WPC 300: Problem Solving and Actionable Analytics	3	C	
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:		15	

Term 7 92.75 - 107.75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
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★ ECN 306: Survey of International Economics (SB & G) OR ECN 360: Economic Development (SB & G) OR ECN 436: International Trade Theory (SB & G) OR ECN 438: International Monetary Economics (SB & G)	3	C
LES 305: Business Law and Ethics for Managers	3	C
ECN 4** Elective	3	C
Upper Division Economics Elective	3	C
Elective OR ECN 484: Internship OR WPC 484: Internship	3	
Complete FIN 300 AND LES 305 AND MGT 300 AND MKT 300 AND SCM 300 AND WPC 300 AND ECN 306 or ECN 360 or ECN 436 or ECN 438 course(s).		
Term hours subtotal:	15	

- 3 credit hours maximum of ECN 484 is allowed.
- All upper-division Business Core classes, including ECN 306, ECN 360, ECN 436, or ECN 438 (international business course), must be completed before enrolling in WPC 480
- Attend **W. P. Carey** and **ASU Career Fairs**
- Gather **professional references**
- Update your **resume**

★ <b>Term 8 107.75 - 120.00 Credit Hours Necessary course signified by</b>	Hours	Minimum Grade	Notes
★ ECN 475: Capstone in Economics (L)	3	C	
★ WPC 480: W. P. Carey Capstone Course (L)	3	C	
WPC 448: Senior Career Transition Management	0.25	C	
ECN 4** Elective	3	C	
Elective	3		
Term hours subtotal:	12.25		

- Apply for **full-time career opportunities**
- Meet with your academic advisor to discuss your internship course options

- 3 credit hours maximum of ECN 484 is allowed.

Hide Course List(s)/Track Group(s)

Economics Electives
ECN 306: Survey of International Economics (SB & G)
ECN 315: Money & Banking
ECN 331: Economics of the European Economic Union (SB & G)
ECN 335: South Asia and the World Economy (SB & G)
ECN 342: Sports Economics
ECN 345: Survey of Environmental and Resource Economics
ECN 355: Economics of Healthcare
ECN 360: Economic Development (SB & G)
ECN 365: Economics of Russia and Eastern Europe (SB & G)
ECN 394: Special Topics or ECN 494: Special Topics
ECN 411: Current Analysis of the U.S. Economy

ECN 416: Game Theory and Economic Behavior

ECN 421: Labor Economics (SB)

ECN 423: Economics of Education

ECN 436: International Trade Theory (SB & G)

ECN 438: International Monetary Economics (SB & G)

ECN 441: Public Economics (SB)

ECN 445: Environmental Economics

ECN 453: Industrial Organization and Competition Policy

ECN 455: Health Economics

ECN 470: Mathematical Economics

ECN 484: Internship

ECN 493: Honors Thesis (L)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 50 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.







## 2023 - 2024 Major Map

### Economics, BS

School/College: W. P. Carey School of Business



Location: Online ASU Local

BAECNBS



Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 WPC 101: Student Success in Business	1		<ul style="list-style-type: none"> <li>ASU 101 or college specific equivalent First Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement</li> <li>Create your first college <b>resume</b></li> </ul>
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Term hours subtotal:	7		
Term 1 - B 7 - 16 Credit Hours	Hours	Minimum Grade	Notes
MAT 210: Brief Calculus (MA)	3	C	<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> <li>Join a <b>student club or organization</b></li> </ul>
SOC course (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	9		
Term 2 - A 16 - 25.25 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR			<ul style="list-style-type: none"> <li>Research <b>study abroad opportunities</b> recommended for your major</li> </ul>
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
MAT 211: Mathematics for Business Analysis	3	C	
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
Term hours subtotal:	9.25		
Term 2 - B 25.25 - 31.25 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ECN 211: Macroeconomic Principles (SB)	3	C	<ul style="list-style-type: none"> <li>WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit.</li> </ul>
PSY course (SB)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	6		





Term 3 - A 31.25 - 40.25 Credit Hours	Hours	Minimum Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	<ul style="list-style-type: none"> <li>• Explore <a href="#">career resources</a>.</li> <li>• Meet with your <a href="#">W. P. Carey Career Coach</a></li> <li>• Attend <a href="#">W. P. Carey and ASU Career Fairs</a></li> </ul>
COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3		
ECN 212: Microeconomic Principles (SB)	3	C	
Term hours subtotal:	9		

Term 3 - B 40.25 - 46.50 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ACC 241: Uses of Accounting Information II	3	C	<ul style="list-style-type: none"> <li>• Continuing first-year students will take WPC 248, after completing WPC 148</li> <li>• New transfer students will take WPC 347</li> <li>• Develop your <a href="#">professional online presence</a></li> </ul>
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C	
Elective	3		
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	6.25		

Term 4 - A 46.50 - 53.50 Credit Hours	Hours	Minimum Grade	Notes
ECN 221: Business Statistics (CS)	3	C	<ul style="list-style-type: none"> <li>• Attend <a href="#">W. P. Carey and ASU career fairs</a></li> <li>• Apply for <a href="#">internships</a> or <a href="#">create one</a></li> </ul>
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	7		




Term 4 - B 53.50 - 62.50 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
Cultural Diversity in the U.S. (C)	3		
Humanities, Arts and Design (HU)	3		
Elective	3		
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	9		

Term 5 - A 62.50 - 68.75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 ECN 312: Intermediate Microeconomic Theory (SB)	3	C	<ul style="list-style-type: none"> <li>• Meet with your <a href="#">W. P. Carey Career Coach</a></li> <li>• Update your <a href="#">resume</a></li> </ul>
SCM 300: Global Supply Operations	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
Term hours subtotal:	6.25		



Term 5 - B 68.75 - 77.75 Credit Hours	Hours	Minimum Grade	Notes
MGT 300: Principles of Management and Leadership	3	C	<ul style="list-style-type: none"> <li>• Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.</li> </ul>
MKT 300: Marketing and Business Performance	3	C	
Upper Division Economics Elective	3	C	
Term hours subtotal:	9		

Term 6 - A 77.75 - 83.75 Credit Hours	Hours	Minimum Grade	Notes
ECN 410: Applied Regression Analysis and Forecasting	3	C	<ul style="list-style-type: none"> <li>• Complete <a href="#">informational interviews</a></li> </ul>
WPC 300: Problem Solving and Actionable Analytics	3	C	




Term hours subtotal: 6

Term 6 - B 83.75 - 92.75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 ECN 313: Intermediate Macroeconomic Theory (SB)	3	C	<ul style="list-style-type: none"> <li>• Complete an in person or virtual practice interview with your <b>W. P. Carey Career Coach</b></li> </ul>
FIN 300: Fundamentals of Finance	3	C	
LES 305: Business Law and Ethics for Managers	3	C	
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:		9	

Term 7 - A 92.75 - 98.75 Credit Hours	Hours	Minimum Grade	Notes
ENG 302: Business Writing (L)	3		<ul style="list-style-type: none"> <li>• All upper-division Business Core classes, including ECN 306, ECN 360, ECN 436, or ECN 438 (international business course), must be completed before enrolling in WPC 480</li> <li>• Attend <b>W. P. Carey</b> and <b>ASU</b> Career Fairs</li> </ul>
ECN 4** Elective	3	C	
Term hours subtotal:		6	

Term 7 - B 98.75 - 106.75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
ECN 306: Survey of International Economics (SB & G) OR ECN 360: Economic Development (SB & G) OR ECN 436: International Trade Theory (SB & G) OR ECN 438: International Monetary Economics (SB & G)	3	C	<ul style="list-style-type: none"> <li>• Gather <b>professional references</b></li> <li>• Update your <b>resume</b></li> </ul>
Upper Division Elective	2		
Elective	3		
 Complete FIN 300 AND LES 305 AND MGT 300 AND MKT 300 AND SCM 300 AND WPC 300 AND ECN 306 or ECN 360 or ECN 436 or ECN 438 course(s).			
Term hours subtotal:		8	

Term 8 - A 106.75 - 114.00 Credit Hours	Hours	Minimum Grade	Notes
WPC 448: Senior Career Transition Management	0.25	C	<ul style="list-style-type: none"> <li>• Apply for <b>full-time career opportunities</b></li> </ul>
ECN 4** Elective	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:		7.25	

Term 8 - B 114.00 - 120.00 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 ECN 475: Capstone in Economics (L)	3	C	
 WPC 480: W. P. Carey Capstone Course (L)	3	C	
Term hours subtotal:		6	

Hide Course List(s)/Track Group(s)

Economics Electives

ECN 306: Survey of International Economics  
(SB & G)

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ECN 315: Money & Banking

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ECN 421: Labor Economics (SB)

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ECN 438: International Monetary Economics  
(SB & G)

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ECN 484: Internship

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**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment score** determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 50 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.







## 2023 - 2024 Major Map

### Entrepreneurial Leadership, BA

School/College: W. P. Carey School of Business

Location: West

BAENTLBA

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 WPC 101: Student Success in Business	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement. See academic advisor for appropriate Student Success course requirement if not a first-time student.</li> <li>Join a student <b>club or organization</b>.</li> <li>Create your first <b>college resume</b>.</li> </ul>
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117: College Algebra (MA)	3	C	
Humanities, Arts and Design (HU)	3		
Elective	3		
Term hours subtotal:	16		
Term 2 16 - 30.25 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ECN 211: Macroeconomic Principles (SB)	3	C	<ul style="list-style-type: none"> <li>Explore student <b>leadership opportunities</b> in W. P. Carey</li> <li>Research <b>study abroad opportunities</b> recommended for your major</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
WPC 148: First-Year Introduction to Career Development	0.25	C	
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ)	4		
Elective	1		
Term hours subtotal:	14.25		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Minimum 2.00 GPA ASU Cumulative.			
Term 3 30.25 - 46.50 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ECN 212: Microeconomic Principles (SB)	3	C	<ul style="list-style-type: none"> <li>Continuing first-year students will take WPC 248, after completing WPC 148</li> <li>New transfer students will take WPC 347</li> <li>Explore <b>career resources</b></li> <li>Develop your <b>professional online presence</b></li> <li>Meet with your <b>W. P. Carey Career Coach</b></li> <li>Attend <b>W. P. Carey and ASU Career Fairs</b></li> </ul>
ECN 221: Business Statistics (CS)	3	C	
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C	
Humanities, Arts and Design (HU)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	13.25		

Elective	3
📌 Complete Mathematics (MA) requirement.	0
Term hours subtotal:	16.25

Term 4 46.50 - 61.50 Credit Hours <b>Critical course signified by</b> 📌	Hours	Minimum Grade	Notes
ENT 305: Principles of Entrepreneurship	3	C	<ul style="list-style-type: none"> <li>Attend <b>W. P. Carey</b> and <b>ASU</b> career fairs</li> <li>Apply for <b>internships</b> or <b>create one</b></li> </ul>
Cultural Diversity in the U.S. (C)	3		
Historical Awareness (H)	3		
Complete 2 courses:	6		
Elective			
📌 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 5 61.50 - 76.75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ MGT 380: Management and Strategy	3	C	<ul style="list-style-type: none"> <li>Meet with your <b>W. P. Carey Career Coach</b></li> <li>Update your <b>resume</b></li> </ul>
CIS 308: Advanced Excel in Business	3	C	
ENG 302: Business Writing (L)	3	C	
FIN 380: Personal Financial Management	3	C	
MKT 390: Essentials of Marketing	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
Term hours subtotal:	15.25		

Term 6 76.75 - 91.75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ ENT 325: Entrepreneurial Leadership	3	C	<ul style="list-style-type: none"> <li>Complete <b>informational interviews</b>.</li> <li>Complete an in person or virtual practice interview with your <b>W. P. Carey Career Coach</b>.</li> </ul>
AGB 302: International Management and Agribusiness (G) OR MGT 302: Principles of International Business (G)	3	C	
CIS 309: Business Process Management	3	C	
ENT 340: Creativity and Innovation (L or HU)	3	C	
MGT 411: Leading Organizations	3	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s)	0		
Term hours subtotal:	15		

Term 7 91.75 - 107.00 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ ENT 360: Entrepreneurship and Value Creation	3	C	<ul style="list-style-type: none"> <li>All Upper Division Business Foundation classes (including AGB 302 or MGT 302, the International Business course) must be completed before enrolling in WPC 460</li> <li>Attend <b>W. P. Carey</b> and <b>ASU</b> Career Fairs</li> <li>Gather <b>professional references</b></li> <li>Update your <b>resume</b></li> <li>Meet with your academic advisor to discuss your internship course options</li> </ul>
ACC 382: Accounting and Financial Analysis	3	C	
CIS 310: Business Data Visualization	3	C	
SCM 380: Supply Chain Management Foundations	3	C	
WPC 448: Senior Career Transition Management	0.25	C	
Elective OR ENT 484: Internship	3		
Term hours subtotal:	15.25		

Term 8 107.00 - 120.00 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ WPC 460: Business Capstone	1	C	

CIS 405: Business Intelligence	3	C	• Apply for full-time career opportunities.
ENT 441: Entrepreneurial Management OR ENT 448: Corporate Entrepreneurship OR MGT 420: Human Resource Management OR MGT 430: Negotiations	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Elective OR ENT 484: Internship	3		
Term hours subtotal:	13		

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

## 2023 - 2024 Major Map

### Finance, BS



School/College: W. P. Carey School of Business




Location: Tempe

BAFINBS


### **FT** Fast Track Options: 3 Year

A student must speak with an advisor in order to be added to a fast track plan.



Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 WPC 101: Student Success in Business	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement</li> <li>Join a student <b>club or organization</b></li> <li>Create your first college <b>resume</b></li> </ul>
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
MAT 210: Brief Calculus (MA)	3	C	
SOC course (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	16		




Term 2 16 - 31.25 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ECN 211: Macroeconomic Principles (SB)	3	C	<ul style="list-style-type: none"> <li>WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit.</li> <li>Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your <b>academic advisor</b> for more information and options.</li> <li>Explore student <b>leadership opportunities</b> in W. P. Carey</li> <li>Research <b>study abroad opportunities</b> recommended for your major</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
MAT 211: Mathematics for Business Analysis	3	C	
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
PSY course (SB)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15.25		




Term 3 31.25 - 47.50 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
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ACC 232: Financial Accounting I OR ACC 231: Uses of Accounting Information I	3	C
COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3	
ECN 212: Microeconomic Principles (SB)	3	C
ECN 221: Business Statistics (CS)	3	C
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C
Natural Science - Quantitative (SQ)	4	
 Complete Mathematics (MA) requirement.		
Term hours subtotal:	16.25	

- Continuing first-year students will take WPC 248, after completing WPC 148
- New transfer students will take WPC 347
- ACC 232 and ACC 242 are the recommended ACC courses for Finance students
- Explore [career resources](#)
- Develop your [professional online presence](#)
- Meet with your [W. P. Carey Career Coach](#)
- Attend [W. P. Carey](#) and [ASU Career Fairs](#)

Term 4 47.50 - 63.50 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ACC 242: Managerial Accounting I OR ACC 241: Uses of Accounting Information II	3	C	<ul style="list-style-type: none"> <li>• If an Honors student takes FIN 303, which satisfies both FIN 302 and FIN 361, then the student must take an additional FIN 400-level course to satisfy the required hours in the major.</li> <li>• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your <a href="#">academic advisor</a> for more information and options.</li> <li>• ACC 232 and ACC 242 are the recommended ACC courses for Finance students</li> <li>• Attend <a href="#">W. P. Carey</a> and ASU career fairs</li> <li>• Apply for <a href="#">internships</a> or <a href="#">create one</a></li> </ul>
FIN 302: Managerial Finance OR FIN 303: Honors Finance	3	C	
Cultural Diversity in the U.S. (C)	3		
Humanities, Arts and Design (HU)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 5 63.50 - 78.75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 ACC 340: External Reporting I	3	C	<ul style="list-style-type: none"> <li>• If an Honors student takes FIN 303, which satisfies both FIN 302 and FIN 361, then the student must take an additional FIN 400-level course to satisfy the required hours in the major.</li> <li>• Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.</li> <li>• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your <a href="#">academic advisor</a> for more information and options</li> <li>• Meet with your <a href="#">W. P. Carey Career Coach</a></li> <li>• Update your <a href="#">resume</a></li> </ul>
 FIN 361: Advanced Managerial Finance	3	C	
ENG 302: Business Writing (L)	3		
MKT 300: Marketing and Business Performance	3	C	
SCM 300: Global Supply Operations	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
Term hours subtotal:	15.25		

Term 6 78.75 - 92.75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 FIN 421: Security Analysis and Portfolio Management	3	C	<ul style="list-style-type: none"> <li>• If an Honors student takes FIN 303, which satisfies both FIN 302 and FIN 361, then the</li> </ul>
 Upper Division Finance Elective	3	C	
WPC 300: Problem Solving and Actionable Analytics	3	C	



Upper Division International Business Course AND Global Awareness (G)	3	C
Upper Division Elective	2	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
Term hours subtotal:	14	

student must take an additional FIN 400-level course to satisfy the required hours in the major

- Complete **informational interviews**
- Complete an in person or virtual practice interview with your **W. P. Carey Career Coach**

Term 7 92.75 - 107.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Finance Elective	3	C	<ul style="list-style-type: none"> <li>• All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 480</li> <li>• Accountancy and Finance concurrent degree students may not use ACC 350 or ACC 440 as the Finance Upper Division Elective, and must take an additional Finance Upper Division Elective to replace ACC 340.</li> <li>• Attend <b>W. P. Carey</b> and <b>ASU Career Fairs</b></li> <li>• Gather <b>professional references</b></li> <li>• Update your <b>resume</b></li> </ul>
LES 305: Business Law and Ethics for Managers	3	C	
MGT 300: Principles of Management and Leadership	3	C	
Elective OR FIN 484: Internship OR WPC 484: Internship	3		
Elective	3		
Complete FIN 300 AND LES 305 AND MGT 300 AND			
★ International Business Course (G) AND MKT 300 AND SCM 300 AND WPC 300 course(s).			
Term hours subtotal:	15		

Term 8 107.75 - 120.00 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ FIN 461: Financial Cases and Modeling (L)	3	C	<ul style="list-style-type: none"> <li>• Apply for <b>full-time career opportunities</b></li> <li>• Meet with your academic advisor to discuss your internship course options</li> </ul>
★ WPC 480: W. P. Carey Capstone Course (L)	3	C	
WPC 448: Senior Career Transition Management	0.25	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Elective	3		
Term hours subtotal:	12.25		

Hide Course List(s)/Track Group(s)

Upper Division Finance Elective - select one course (3 credit hours)	Upper Division International Business Course - select one course (3 credit hrs)
ACC 350: Internal Reporting	AGB 302: International Management and Agribusiness (G)
ACC 440: External Reporting II	ECN 306: Survey of International Economics (SB & G)
FIN 331: Financial Markets and Institutions	MGT 302: Principles of International Business (G)
FIN 427: Derivative Financial Securities	MKT 425: Global Marketing Management (G)
FIN 431: Management of Financial Institutions	SCM 463: Global Supply Chain Management (G)
FIN 455: Entrepreneurial Finance	
FIN 456: International Financial Management (G)	
FIN 471: SIM Fund	

**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 50 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

## 2023 - 2024 Major Map Management, BS



School/College: W. P. Carey School of Business




Location: Polytechnic, Tempe, West



BAMGTBS



### **FT** Fast Track Options: 3 Year



A student must speak with an advisor in order to be added to a fast track plan.




Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 WPC 101: Student Success in Business	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement</li> <li>Join a student <b>club or organization</b></li> <li>Create your first college <b>resume</b></li> </ul>
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 210: Brief Calculus (MA)	3	C	
SOC 101: Introductory Sociology (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	16		

Term 2 16 - 31.25 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ECN 211: Macroeconomic Principles (SB)	3	C	<ul style="list-style-type: none"> <li>WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit.</li> <li>Failure to successfully complete business skills courses in specified term may lead to a delay in graduation.</li> <li>PSY 101 or SOC 101 is a prerequisite to MGT 320 in term 6</li> <li>Explore student <b>leadership opportunities</b> in W. P. Carey</li> <li>Research <b>study abroad opportunities</b> recommended for your major</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 211: Mathematics for Business Analysis	3	C	
PSY 101: Introduction to Psychology (SB)	3		
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15.25		

Term 3 31.25 - 47.50 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	<ul style="list-style-type: none"> <li>Continuing first-year students will take WPC 248, after completing WPC 148</li> <li>New transfer students will take WPC 347</li> <li>Explore <b>career resources</b></li> <li>Develop your <b>professional online presence</b></li> <li>Meet with your <b>W. P. Carey Career Coach</b></li> <li>Attend <b>W. P. Carey and ASU Career Fairs</b></li> </ul>
COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3		
ECN 212: Microeconomic Principles (SB)	3	C	
ECN 221: Business Statistics (CS)	3	C	
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C	
Natural Science - Quantitative (SQ)	4		
 Complete Mathematics (MA) requirement.			
Term hours subtotal:		16.25	

Term 4 47.50 - 63.50 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ACC 241: Uses of Accounting Information II	3	C	<ul style="list-style-type: none"> <li>Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your <b>academic advisor</b> for more information and options.</li> <li>Attend <b>W. P. Carey and ASU career fairs</b></li> <li>Apply for <b>internships</b> or <b>create one</b></li> </ul>
Humanities, Arts and Design (HU)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Complete 2 courses: Elective	6		
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:		16	

Term 5 63.50 - 78.75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 MGT 300: Principles of Management and Leadership	3	C	<ul style="list-style-type: none"> <li>Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.</li> <li>Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your <b>academic advisor</b> for more information and options.</li> <li>Meet with your <b>W. P. Carey Career Coach</b></li> <li>Update your <b>resume</b></li> </ul>
ENG 302: Business Writing (L)	3	C	
MKT 300: Marketing and Business Performance	3	C	
SCM 300: Global Supply Operations	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:		15.25	

Term 6 78.75 - 93.75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 MGT 320: Organizational Behavior	3	C	<ul style="list-style-type: none"> <li>Complete <b>informational interviews</b></li> <li>Complete an in person or virtual practice interview with your <b>W. P. Carey Career Coach</b></li> </ul>
MGT 302: Principles of International Business (G) OR Upper Division International Business Course AND Global Awareness (G)	3	C	
WPC 300: Problem Solving and Actionable Analytics	3	C	
Upper Division Management Elective	3	C	
Elective	3		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:		15	

Term 7 93.75 - 107.75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
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★ MGT 400: Cross-Cultural Management (C & G)	3	C
FIN 300: Fundamentals of Finance	3	C
LES 305: Business Law and Ethics for Managers	3	C
Upper Division Management Elective	3	C
Upper Division Elective	2	
Complete FIN 300 AND LES 305 AND MGT 300 AND MKT 300 AND SCM 300 AND WPC 300 AND MGT 302 or International Business Course (G) course(s).		
Term hours subtotal:	14	

- All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 480
- Attend [W. P. Carey](#) and [ASU Career Fairs](#)
- Gather [professional references](#)
- Update your [resume](#)

★ Term 8 107.75 - 120.00 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
★ MGT 411: Leading Organizations	3	C	• Apply for <a href="#">full-time career opportunities</a>
★ WPC 480: W. P. Carey Capstone Course (L)	3	C	
WPC 448: Senior Career Transition Management	0.25	C	
4** Business Elective	3	C	
Elective	3		
Term hours subtotal:	12.25		

- Maximum 3 hours of MGT 484 and ENT 494 can be applied to the 400-level Business Elective and Upper Division Management Elective.

Hide Course List(s)/Track Group(s)

Upper Division Management Electives - select two courses (6 credit hours)	4** Business Elective - select one course (3 credit hours)	Upper Division International Business Course - select one course (3 credit hours)
ENT 340: Creativity and Innovation (L or HU)	ACC 4** Elective	AGB 302: International Management and Agribusiness (G)
ENT 360: Entrepreneurship and Value Creation	AGB 4** Elective	ECN 306: Survey of International Economics (SB & G)
ENT 440: Entrepreneurship	CIS 4** Elective	MGT 302: Principles of International Business (G)
ENT 445: Business Model Development	ECN 4** Elective	MKT 425: Global Marketing Management (G)
ENT 446: Venture Capital Experience	ENT 4** Elective	SCM 463: Global Supply Chain Management (G)
ENT 447: Lean Launch	FIN 4** Elective	
ENT 494: Special Topics	MGT 4** Elective	
MGT 310: Collaborative Team Skills	MKT 4** Elective	
MGT 420: Human Resource Management	REA 4** Elective	
MGT 421: Compensation in Organizations	SCM 4** Elective	
MGT 422: Staffing		
MGT 423: Training and Development in Organizations		
MGT 424: Employment Law		
MGT 425: Global Human Resources		

MGT 426: HR Consulting Projects

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MGT 430: Negotiations

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MGT 450: Consulting Projects (L)

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MGT 459: International Management (G)

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MGT 484: Internship

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MGT 493: Honors Thesis (L)

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MGT 494: Special Topics

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**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 50 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition







General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

## 2023 - 2024 Major Map Management, BS

School/College: [W. P. Carey School of Business](#)



Location: [Online ASU Local](#)

BAMGTBS

Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 WPC 101: Student Success in Business	1		<ul style="list-style-type: none"> <li>ASU 101 or college specific equivalent First Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement</li> <li>Create your first college <a href="#">resume</a></li> </ul>
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		
Term 1 - B 7 - 16 Credit Hours	Hours	Minimum Grade	Notes
MAT 210: Brief Calculus (MA)	3	C	<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a></li> <li>Join a <a href="#">student club or organization</a></li> </ul>
SOC 101: Introductory Sociology (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	9		
Term 2 - A 16 - 25.25 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>Research <a href="#">study abroad opportunities</a> recommended for your major</li> </ul>
MAT 211: Mathematics for Business Analysis	3	C	
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
Term hours subtotal:	9.25		
Term 2 - B 25.25 - 31.25 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ECN 211: Macroeconomic Principles (SB)	3	C	<ul style="list-style-type: none"> <li>WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit.</li> </ul>
PSY 101: Introduction to Psychology (SB)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	6		

- PSY 101 or SOC 101 is a prerequisite to MGT 320 in term 6A



Term 3 - A 31.25 - 40.25 Credit Hours	Hours	Minimum Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	<ul style="list-style-type: none"> <li>• Explore career resources.</li> <li>• Meet with your <b>W. P. Carey Career Coach</b></li> <li>• Attend <b>W. P. Carey and ASU Career Fairs</b></li> </ul>
COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3		
ECN 212: Microeconomic Principles (SB)	3	C	
Term hours subtotal:	9		

Term 3 - B 40.25 - 46.50 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ACC 241: Uses of Accounting Information II	3	C	<ul style="list-style-type: none"> <li>• Continuing first-year students will take WPC 248, after completing WPC 148</li> <li>• New transfer students will take WPC 347</li> <li>• Develop your <b>professional online presence</b></li> </ul>
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C	
Elective	3		
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	6.25		

Term 4 - A 46.50 - 55.50 Credit Hours	Hours	Minimum Grade	Notes
ECN 221: Business Statistics (CS)	3	C	<ul style="list-style-type: none"> <li>• Attend <b>W. P. Carey and ASU career fairs</b></li> <li>• Apply for <b>internships</b> or <b>create one</b></li> </ul>
Complete 2 courses:	6		
Elective			
Term hours subtotal:	9		

Term 4 - B 55.50 - 62.50 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
Natural Science - Quantitative (SQ)	4		
Elective	3		
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	7		

Term 5 - A 62.50 - 68.75 Credit Hours	Hours	Minimum Grade	Notes
MKT 300: Marketing and Business Performance	3	C	<ul style="list-style-type: none"> <li>• Meet with your <b>W. P. Carey Career Coach</b></li> </ul>
SCM 300: Global Supply Operations	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
Term hours subtotal:	6.25		

Term 5 - B 68.75 - 77.75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 MGT 300: Principles of Management and Leadership	3	C	<ul style="list-style-type: none"> <li>• Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.</li> </ul>
ENG 302: Business Writing (L)	3		
WPC 300: Problem Solving and Actionable Analytics	3	C	
Term hours subtotal:	9		

Term 6 - A 77.75 - 84.75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 MGT 320: Organizational Behavior	3	C	



Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4
Term hours subtotal:	7

- Complete informational interviews

Term 6 - B 84.75 - 93.75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
LES 305: Business Law and Ethics for Managers	3	C	<ul style="list-style-type: none"> <li>• Complete an in person or virtual practice interview with your <b>W. P. Carey Career Coach</b></li> </ul>
FIN 300: Fundamentals of Finance	3	C	
MGT 302: Principles of International Business (G) OR Upper Division International Business Course AND Global Awareness (G)	3	C	
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	9		

Term 7 - A 93.75 - 99.75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
MGT 400: Cross-Cultural Management (C & G)	3	C	<ul style="list-style-type: none"> <li>• All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 480</li> <li>• Attend <b>W. P. Carey</b> and <b>ASU Career Fairs</b></li> </ul>
Upper Division Management Elective	3	C	
Term hours subtotal:	6		

Term 7 - B 99.75 - 107.75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
MGT 411: Leading Organizations	3	C	<ul style="list-style-type: none"> <li>• Gather <b>professional references</b></li> <li>• Update your <b>resume</b></li> </ul>
Upper Division Management Elective	3	C	
Upper Division Elective	2		
Complete FIN 300 AND LES 305 AND MGT 300 AND MKT 300 AND SCM 300 AND WPC 300 AND MGT 302 or International Business Course (G) course(s).			
Term hours subtotal:	8		

Term 8 - A 107.75 - 114.00 Credit Hours	Hours	Minimum Grade	Notes
WPC 448: Senior Career Transition Management	0.25	C	<ul style="list-style-type: none"> <li>• Apply for <b>full-time career opportunities</b></li> </ul>
4** Business Elective	3	C	
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	6.25		

Term 8 - B 114.00 - 120.00 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
WPC 480: W. P. Carey Capstone Course (L)	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	6		

- Maximum 3 hours of MGT 484 and ENT 494 can be applied to the 400-level Business Elective and Upper Division Management Elective

Hide Course List(s)/Track Group(s)

Upper Division Management Electives - select two courses (6 credit hours)	Upper Division International Business Course - select one course (3 credit hours)	4** Business Elective - select one course (3 credit hours)
ENT 360: Entrepreneurship and Value Creation	AGB 302: International Management and Agribusiness (G)	ACC 4** Elective
MGT 420: Human Resource Management	ECN 306: Survey of International Economics (SB & G)	AGB 4** Elective
MGT 430: Negotiations	MGT 302: Principles of International Business (G)	CIS 4** Elective
	MKT 425: Global Marketing Management (G)	ECN 4** Elective
	SCM 463: Global Supply Chain Management (G)	MGT 4** Elective
		MKT 4** Elective
		SCM 4** Elective

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 50 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

## 2023 - 2024 Major Map

### Marketing, BS



School/College: W. P. Carey School of Business




Location: Tempe

BAMKTBS


### **FT** Fast Track Options: 3 Year

A student must speak with an advisor in order to be added to a fast track plan.



Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 WPC 101: Student Success in Business	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement</li> <li>Join a student <b>club or organization</b></li> <li>Create your first college <b>resume</b></li> </ul>
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
MAT 210: Brief Calculus (MA)	3	C	
SOC course (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	16		

Term 2 16 - 31.25 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ECN 211: Macroeconomic Principles (SB)	3	C	<ul style="list-style-type: none"> <li>WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit.</li> <li>Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your <b>academic advisor</b> for more information and options.</li> <li>Explore student <b>leadership opportunities</b> in W. P. Carey</li> <li>Research <b>study abroad opportunities</b> recommended for your major</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
MAT 211: Mathematics for Business Analysis	3	C	
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
PSY course (SB)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15.25		



Term 3 31.25 - 47.50 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
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ACC 231: Uses of Accounting Information I	3	C
COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3	
ECN 212: Microeconomic Principles (SB)	3	C
ECN 221: Business Statistics (CS)	3	C
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C
Natural Science - Quantitative (SQ)	4	
 Complete Mathematics (MA) requirement.		
Term hours subtotal:		16.25




- Continuing first-year students will take WPC 248, after completing WPC 148
- New transfer students will take WPC 347
- Explore [career resources](#)
- Develop your [professional online presence](#)
- Meet with your [W. P. Carey Career Coach](#)
- Attend [W. P. Carey and ASU Career Fairs](#)

Term 4 47.50 - 63.50 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ACC 241: Uses of Accounting Information II	3	C	
Cultural Diversity in the U.S. (C)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Complete 2 courses: Elective	6		
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:		16	


- Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your [academic advisor](#) for more information and options.
- Attend [W. P. Carey](#) and [ASU](#) career fairs
- Apply for [internships](#) or [create one](#)

Term 5 63.50 - 78.75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 MKT 302: Applied Marketing Management and Leadership (L)	3	C	
ENG 302: Business Writing (L)	3		
FIN 300: Fundamentals of Finance	3	C	
SCM 300: Global Supply Operations	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
Humanities, Arts and Design (HU)	3		
Term hours subtotal:		15.25	

- Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.
- Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your [academic advisor](#) for more information and options.
- Meet with your [W. P. Carey Career Coach](#)
- Update your [resume](#)

Term 6 78.75 - 93.75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 MKT 352: Marketing Research (L)	3	C	
MGT 300: Principles of Management and Leadership	3	C	
Upper Division International Business Course AND Global Awareness (G)	3	C	
Upper Division Marketing Elective	3	C	
Elective	3		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:		15	

- MKT 425 cannot count as both the International Business course requirement and Marketing Elective. If MKT 425 is taken as the International Business course, select another Marketing Elective.
- Complete [informational interviews](#)
- Complete an in person or virtual practice interview with your [W. P. Carey Career Coach](#)

Term 7 93.75 - 107.75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 MKT 402: Consumer Behavior	3	C	

LES 305: Business Law and Ethics for Managers	3	C
WPC 300: Problem Solving and Actionable Analytics	3	C
Upper Division Marketing Elective	3	C
Upper Division Elective	2	
Complete FIN 300 AND LES 305 AND MGT 300 AND ★ International Business Course (G) AND MKT 300 AND SCM 300 AND WPC 300 course(s).		
Term hours subtotal:	14	

- All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 480
- MKT 425 cannot count as both the International Business course requirement and Marketing Elective. If MKT 425 is taken as the International Business course, select another Marketing Elective.
- Attend **W. P. Carey** and **ASU Career Fairs**
- Gather **professional references**
- Update your **resume**

<b>Term 8 107.75 - 120.00 Credit Hours Necessary course signified by</b> ★	<b>Hours</b>	<b>Minimum Grade</b>	<b>Notes</b>
★ MKT 442: Services Marketing Strategy OR MKT 452: Business-to-Business Marketing Strategy OR MKT 462: Competitive Marketing Strategy	3	C	<ul style="list-style-type: none"> <li>• MKT 425 cannot count as both the International Business course requirement and Marketing Elective. If MKT 425 is taken as the International Business course, select another Marketing Elective.</li> <li>• Apply for <b>full-time career opportunities</b></li> </ul>
★ WPC 480: W. P. Carey Capstone Course (L)	3	C	
WPC 448: Senior Career Transition Management	0.25	C	
Upper Division Marketing Elective	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	12.25		

- Maximum 3 hours from MKT 484 and MKT 499 applies towards Upper Division Marketing Elective

Hide Course List(s)/Track Group(s)

Upper Division Marketing Electives - select three courses (9 credit hours, MKT 494 topic cannot be sports related))	Upper Division International Business Course - select one course (3 credit hours)
MKT 355: Designing Brand Identity: Methods and Digital Tools	AGB 302: International Management and Agribusiness (G)
MKT 365: Advertising and Beyond: Customer-Centric Brand Development	ECN 306: Survey of International Economics (SB & G)
MKT 370: Professional Sales and Relationship Management	MGT 302: Principles of International Business (G)
MKT 385: Data-Driven Marketing	MKT 425: Global Marketing Management (G)
MKT 410: Sales Management	SCM 463: Global Supply Chain Management (G)
MKT 420: Retail Management	
MKT 425: Global Marketing Management (G)	
MKT 435: Entrepreneurial Marketing	
MKT 438: Advanced Selling Using Data and Technology	
MKT 440: Creating Digital Experiences	

MKT 442: Services Marketing Strategy

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MKT 450: Social Media and Content Marketing

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MKT 452: Business-to-Business Marketing Strategy

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MKT 455: Brand Management

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MKT 462: Competitive Marketing Strategy

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MKT 472: Immersive Brand Experience I: Intelligence, Insights and Strategy

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MKT 484: Internship

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MKT 493: Honors Thesis (L)

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MKT 494: Special Topics

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MKT 499: Individualized Instruction

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**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment score** determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 50 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.







## 2023 - 2024 Major Map











### Marketing, BS

School/College: [W. P. Carey School of Business](#)

Location: [Online ASU Local](#)

BAMKTBS

Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 WPC 101: Student Success in Business	1		<ul style="list-style-type: none"> <li>ASU 101 or college specific equivalent First Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement</li> <li>Create your first college <a href="#">resume</a></li> </ul>
CIS 105: Computer Applications and Information Technology (CS)	3		
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Term hours subtotal:	7		
Term 1 - B 7 - 16 Credit Hours	Hours	Minimum Grade	Notes
MAT 210: Brief Calculus (MA)	3	C	<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a></li> <li>Join a <a href="#">student club or organization</a></li> </ul>
SOC course (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	9		
Term 2 - A 16 - 25.25 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR			<ul style="list-style-type: none"> <li>Research <a href="#">study abroad opportunities</a> recommended for your major</li> </ul>
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
MAT 211: Mathematics for Business Analysis	3		
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
Term hours subtotal:	9.25		
Term 2 - B 25.25 - 31.25 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ECN 211: Macroeconomic Principles (SB)	3	C	<ul style="list-style-type: none"> <li>WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit.</li> </ul>
PSY course (SB)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	6		

Term 3 - A 31.25 - 40.25 Credit Hours	Hours	Minimum Grade	Notes
ACC 231: Uses of Accounting Information I	3		<ul style="list-style-type: none"> <li>• Explore <a href="#">career resources</a>.</li> <li>• Meet with your <a href="#">W. P. Carey Career Coach</a></li> <li>• Attend <a href="#">W. P. Carey and ASU Career Fairs</a></li> </ul>
COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3		
ECN 212: Microeconomic Principles (SB)	3	C	
Term hours subtotal:	9		
Term 3 - B 40.25 - 46.50 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ACC 241: Uses of Accounting Information II	3		<ul style="list-style-type: none"> <li>• Continuing first-year students will take WPC 248, after completing WPC 148</li> <li>• New transfer students will take WPC 347</li> <li>• Develop your <a href="#">professional online presence</a></li> </ul>
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C	
Elective	3		
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	6.25		
Term 4 - A 46.50 - 52.50 Credit Hours	Hours	Minimum Grade	Notes
ECN 221: Business Statistics (CS)	3	C	<ul style="list-style-type: none"> <li>• Attend <a href="#">W. P. Carey and ASU career fairs</a></li> <li>• Apply for <a href="#">internships</a> or <a href="#">create one</a></li> </ul>
Elective	3		
Term hours subtotal:	6		
Term 4 - B 52.50 - 59.50 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
Cultural Diversity in the U.S. (C)	3		
Natural Science - Quantitative (SQ)	4		
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	7		
Term 5 - A 59.50 - 65.75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 MKT 302: Applied Marketing Management and Leadership (L)	3	C	<ul style="list-style-type: none"> <li>• Meet with your <a href="#">W. P. Carey Career Coach</a></li> <li>• Update your <a href="#">resume</a></li> </ul>
SCM 300: Global Supply Operations	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
Term hours subtotal:	6.25		
Term 5 - B 65.75 - 74.75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 MKT 352: Marketing Research (L)	3	C	<ul style="list-style-type: none"> <li>• Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.</li> </ul>
MGT 300: Principles of Management and Leadership	3	C	
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	9		
Term 6 - A 74.75 - 83.75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 MKT 402: Consumer Behavior	3	C	<ul style="list-style-type: none"> <li>• Complete <a href="#">informational interviews</a></li> </ul>
ENG 302: Business Writing (L)	3		



WPC 300: Problem Solving and Actionable Analytics 3 C

Term hours subtotal: 9

Term 6 - B 83.75 - 89.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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FIN 300: Fundamentals of Finance 3 C

Upper Division International Business Course AND Global Awareness (G) 3 C

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 6

- MKT 425 cannot count as both International Business course requirement and Marketing Elective. If MKT 425 is taken as the International Business course, select another Marketing Elective from the list below.
- Complete an in person or virtual practice interview with your **W. P. Carey Career Coach**

Term 7 - A 89.75 - 96.75 Credit Hours	Hours	Minimum Grade	Notes
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Upper Division Marketing Elective 3 C

Natural Science - Quantitative (SQ) OR Natural Science - General (SG) 4

Term hours subtotal: 7

- All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 480
- Attend **W. P. Carey** and **ASU Career Fairs**

Term 7 - B 96.75 - 105.75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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MKT 442: Services Marketing Strategy OR MKT 452:

★ Business-to-Business Marketing Strategy OR MKT 462: Competitive Marketing Strategy 3 C

LES 305: Business Law and Ethics for Managers 3 C

Upper Division Marketing Elective 3 C

★ Complete FIN 300 AND LES 305 AND MGT 300 AND International Business Course (G) AND MKT 300 AND SCM 300 AND WPC 300 course(s).

Term hours subtotal: 9

- Gather **professional references**
- Update your **resume**

Term 8 - A 105.75 - 112.00 Credit Hours	Hours	Minimum Grade	Notes
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WPC 448: Senior Career Transition Management 0.25 C

Upper Division Marketing Elective 3 C

Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) 3

Term hours subtotal: 6.25

- Apply for **full-time career opportunities**

Term 8 - B 112.00 - 120.00 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ WPC 480: W. P. Carey Capstone Course (L) 3 C

Upper Division Elective 2

Elective 3

Term hours subtotal: 8

- Maximum 3 hours of MKT 484 and MKT 499 can be applied to Upper Division Marketing Elective

Hide Course List(s)/Track Group(s)

Upper Division Marketing Electives - select three courses (9 credit hrs)	Upper Division International Business Course - select one course (3 credit hours)
MKT 365: Advertising and Beyond: Customer-Centric Brand Development	AGB 302: International Management and Agribusiness (G)
MKT 420: Retail Management	ECN 306: Survey of International Economics (SB & G)
MKT 425: Global Marketing Management (G)	MGT 302: Principles of International Business (G)
MKT 442: Services Marketing Strategy	MKT 425: Global Marketing Management (G)
MKT 452: Business-to-Business Marketing Strategy	SCM 463: Global Supply Chain Management (G)
MKT 462: Competitive Marketing Strategy	
MKT 484: Internship	

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 50 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map




### Marketing (Digital and Integrated Marketing Communications), BS


School/College: W. P. Carey School of Business

Location: Tempe

BAMKDIMCBS

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 WPC 101: Student Success in Business	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement</li> <li>Join a student <b>club or organization</b></li> <li>Create your first college <b>resume</b></li> </ul>
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 210: Brief Calculus (MA)	3	C	
SOC course (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	16		

Term 2 16 - 31.25 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ECN 211: Macroeconomic Principles (SB)	3	C	<ul style="list-style-type: none"> <li>WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit.</li> <li>Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your <b>academic advisor</b> for more information and options.</li> <li>Explore student <b>leadership opportunities</b> in W. P. Carey</li> <li>Research <b>study abroad opportunities</b> recommended for your major</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 211: Mathematics for Business Analysis	3	C	
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
PSY course (SB)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15.25		

Term 3 31.25 - 47.50 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	<ul style="list-style-type: none"> <li>Continuing first-year students will take WPC 248, after completing WPC 148</li> </ul>
COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3		

ECN 212: Microeconomic Principles (SB)	3	C+
ECN 221: Business Statistics (CS)	3	C
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C
Natural Science - Quantitative (SQ)	4	
🚩 Complete Mathematics (MA) requirement.		
Term hours subtotal:		16.25

- New transfer students will take WPC 347
- Explore [career resources](#)
- Develop your [professional online presence](#)
- Meet with your [W. P. Carey Career Coach](#)
- Attend [W. P. Carey](#) and [ASU Career Fairs](#)

Term 4 47.50 - 63.50 Credit Hours <b>Critical course signified by</b> 🚩	Hours	Minimum Grade	Notes
ACC 241: Uses of Accounting Information II	3	C	<ul style="list-style-type: none"> <li>• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your <a href="#">academic advisor</a> for more information and options.</li> <li>• Attend <a href="#">W. P. Carey</a> and <a href="#">ASU</a> career fairs</li> <li>• Apply for <a href="#">internships</a> or <a href="#">create one</a></li> </ul>
Cultural Diversity in the U.S. (C)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Complete 2 courses: Elective	6		
🚩 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:		16	

Term 5 63.50 - 78.75 Credit Hours <b>Necessary course signified by</b> ⭐	Hours	Minimum Grade	Notes
⭐ MKT 302: Applied Marketing Management and Leadership (L)	3	C	<ul style="list-style-type: none"> <li>• Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.</li> <li>• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your <a href="#">academic advisor</a> for more information and options.</li> <li>• Meet with your <a href="#">W. P. Carey Career Coach</a></li> <li>• Update your <a href="#">resume</a></li> </ul>
FIN 300: Fundamentals of Finance	3	C	
SCM 300: Global Supply Operations	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
Humanities, Arts and Design (HU)	3		
Elective	3		
Term hours subtotal:		15.25	

Term 6 78.75 - 93.75 Credit Hours <b>Necessary course signified by</b> ⭐	Hours	Minimum Grade	Notes
⭐ MKT 352: Marketing Research (L)	3	C	<ul style="list-style-type: none"> <li>• Complete <a href="#">informational interviews</a></li> <li>• Complete an in person or virtual practice interview with your <a href="#">W. P. Carey Career Coach</a></li> </ul>
ENG 302: Business Writing (L)	3		
MGT 300: Principles of Management and Leadership	3	C	
WPC 300: Problem Solving and Actionable Analytics	3	C	
Upper Division International Business Course AND Global Awareness (G)	3	C	
⭐ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:		15	

Term 7 93.75 - 107.75 Credit Hours <b>Necessary course signified by</b> ⭐	Hours	Minimum Grade	Notes
⭐ MKT 402: Consumer Behavior	3	C	<ul style="list-style-type: none"> <li>• Digital &amp; Integrated Marketing Communication concentration electives must be taken at ASU</li> <li>• If chosen as a concentration elective, MKT 493 Honors Thesis subject must be</li> </ul>
LES 305: Business Law and Ethics for Managers	3	C	
Complete 2 courses: Upper Division Digital & Integrated Marketing Communications Concentration Elective	6	C	
Term hours subtotal:		12	

Upper Division Elective	2
Complete FIN 300 AND LES 305 AND MGT 300 AND ★ International Business Course (G) AND MKT 300 AND SCM 300 AND WPC 300 course(s).	
Term hours subtotal:	14

- Advertising, Brand Management, or Digital Marketing
- All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 480
- Attend **W. P. Carey** and ASU Career Fairs
- Gather **professional references**
- Update your **resume**

Term 8 107.75 - 120.00 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MKT 442: Services Marketing Strategy OR MKT 452: Business-to-Business Marketing Strategy OR MKT 472: Immersive Brand Experience I: Intelligence, Insights and Strategy	3	C	<ul style="list-style-type: none"> <li>Digital &amp; Integrated Marketing Communication concentration electives must be taken at ASU</li> <li>If chosen as a concentration elective, MKT 493 Honors Thesis subject must be Advertising, Brand Management, or Digital Marketing</li> <li>Apply for <b>full-time career opportunities</b></li> </ul>
★ WPC 480: W. P. Carey Capstone Course (L)	3	C	
WPC 448: Senior Career Transition Management	0.25	C	
Upper Division Digital & Integrated Marketing Communications Concentration Elective	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	12.25		

- Choose three Upper Division Digital & Integrated Marketing Communication Concentration Electives.
- Digital & Integrated Marketing Communication Concentration Electives must be taken at ASU.
- If chosen as a concentration elective, MKT 493 Honors Thesis subject must be Advertising, Brand Management, or Digital Marketing.
- Maximum three hours from MKT 484 can be applied towards the Upper Division DIMC Elective.

Hide Course List(s)/Track Group(s)

Digital & Integrated Marketing Communications Concentration Elective - select three courses (9 credit hours)	Upper Division International Business Course - select one course (3 credit hours)
MKT 355: Designing Brand Identity: Methods and Digital Tools	AGB 302: International Management and Agribusiness (G)
MKT 365: Advertising and Beyond: Customer-Centric Brand Development	ECN 306: Survey of International Economics (SB & G)
MKT 385: Data-Driven Marketing	MGT 302: Principles of International Business (G)
MKT 440: Creating Digital Experiences	MKT 425: Global Marketing Management (G)
MKT 450: Social Media and Content Marketing	SCM 463: Global Supply Chain Management (G)
MKT 455: Brand Management	
MKT 473: Immersive Brand Experience II: Creative, Media and Measures	
MKT 484: Internship	
MKT 493: Honors Thesis (L)	

**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 50 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map




### Marketing (Professional Sales), BS


School/College: W. P. Carey School of Business

Location: Tempe

BAMKTPSBS

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 WPC 101: Student Success in Business	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement</li> <li>Join a student <b>club or organization</b></li> <li>Create your first college <b>resume</b></li> </ul>
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 210: Brief Calculus (MA)	3	C	
SOC course (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	16		

Term 2 16 - 31.25 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ECN 211: Macroeconomic Principles (SB)	3	C	<ul style="list-style-type: none"> <li>WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit.</li> <li>Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your <b>academic advisor</b> for more information and options.</li> <li>Explore student <b>leadership opportunities</b> in W. P. Carey</li> <li>Research <b>study abroad opportunities</b> recommended for your major</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 211: Mathematics for Business Analysis	3	C	
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
PSY course (SB)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15.25		

Term 3 31.25 - 47.50 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	<ul style="list-style-type: none"> <li>Continuing first-year students will take WPC 248, after completing WPC 148</li> </ul>
COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3		

ECN 212: Microeconomic Principles (SB)	3	C
ECN 221: Business Statistics (CS)	3	C
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C
Natural Science - Quantitative (SQ)	4	
❖ Complete Mathematics (MA) requirement.		
Term hours subtotal:	16.25	

- New transfer students will take WPC 347
- Develop your **professional online presence**
- Explore **career resources**
- Meet with your **W. P. Carey Career Coach**
- Attend **W. P. Carey** and **ASU Career Fairs**

Term 4 47.50 - 62.50 Credit Hours <b>Critical course signified by</b> ❖	Hours	Minimum Grade	Notes
ACC 241: Uses of Accounting Information II	3	C	<ul style="list-style-type: none"> <li>• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your <b>academic advisor</b> for more information and options.</li> <li>• Attend <b>W. P. Carey</b> and <b>ASU</b> career fairs</li> <li>• Apply for <b>internships</b> or <b>create one</b></li> </ul>
MKT 302: Applied Marketing Management and Leadership (L)	3		
Cultural Diversity in the U.S. (C)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	2		
❖ Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 5 62.50 - 77.75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ MKT 352: Marketing Research (L)	3	C	<ul style="list-style-type: none"> <li>• Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.</li> <li>• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your <b>academic advisor</b> for more information and options.</li> <li>• Meet with your <b>W. P. Carey Career Coach</b></li> <li>• Update your <b>resume</b></li> </ul>
ENG 302: Business Writing (L)	3		
MKT 370: Professional Sales and Relationship Management	3	C	
SCM 300: Global Supply Operations	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
Elective	3		
Term hours subtotal:	15.25		

Term 6 77.75 - 92.75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ MKT 402: Consumer Behavior	3	C	<ul style="list-style-type: none"> <li>• Complete <b>informational interviews</b></li> <li>• Complete an in person or virtual practice interview with your <b>W. P. Carey Career Coach</b></li> </ul>
LES 305: Business Law and Ethics for Managers	3	C	
MKT 452: Business-to-Business Marketing Strategy	3	C	
WPC 300: Problem Solving and Actionable Analytics	3	C	
Upper Division International Business Elective AND Global Awareness (G)	3	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 92.75 - 107.75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ MKT 410: Sales Management	3	C	<ul style="list-style-type: none"> <li>• All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 480</li> <li>• Attend <b>W. P. Carey</b> and <b>ASU Career Fairs</b></li> </ul>
FIN 300: Fundamentals of Finance	3	C	
MGT 300: Principles of Management and Leadership	3	C	
Humanities, Arts and Design (HU)	3		



Elective

3

- Gather **professional references**
- Update your **resume**

Complete FIN 300 AND LES 305 AND MGT 300 AND  
 ★ International Business Course (G) AND MKT 300 AND SCM 300  
 AND WPC 300 course(s).

Term hours subtotal: 15

Term 8 107.75 - 120.00 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MKT 484: Internship	3	C	<ul style="list-style-type: none"> <li>• MKT 484: Internship must be sales focused</li> <li>• Apply for full-time career opportunities</li> </ul>
★ WPC 480: W. P. Carey Capstone Course (L)	3	C	
WPC 448: Senior Career Transition Management	0.25	C	
Upper Division Professional Sales Concentration Elective	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	12.25		

Hide Course List(s)/Track Group(s)

Upper Division Professional Sales Concentration Elective - select one course (3 credits)	Upper Division International Business Course - select one course (3 credit hours)
MGT 430: Negotiations	AGB 302: International Management and Agribusiness (G)
MKT 435: Entrepreneurial Marketing	ECN 306: Survey of International Economics (SB & G)
MKT 438: Advanced Selling Using Data and Technology	MGT 302: Principles of International Business (G)
MKT 442: Services Marketing Strategy	MKT 425: Global Marketing Management (G)
MKT 484: Internship	SCM 463: Global Supply Chain Management (G)
MKT 493: Honors Thesis (L)	

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 50 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)

- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

## 2023 - 2024 Major Map

### Supply Chain Management, BS



School/College: W. P. Carey School of Business




Location: Tempe

BASCMB5

#### **FT** Fast Track Options: 3 Year

A student must speak with an advisor in order to be added to a fast track plan.

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 WPC 101: Student Success in Business	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. WPC 101 is the W. P. Carey School course that meets this requirement</li> <li>Join a student <b>club or organization</b></li> <li>Create your first college <b>resume</b></li> </ul>
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 210: Brief Calculus (MA)	3	C	
SOC course (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	16		

Term 2 16 - 31.25 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ECN 211: Macroeconomic Principles (SB)	3	C	<ul style="list-style-type: none"> <li>WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit..</li> <li>Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your <b>academic advisor</b> for more information and options.</li> <li>Explore student <b>leadership opportunities</b> in W. P. Carey</li> <li>Research <b>study abroad opportunities</b> recommended for your major</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 211: Mathematics for Business Analysis	3	C	
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
PSY course (SB)	3		
 Complete ENG 101 OR EN 105 OR ENG 107 course(s).			
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15.25		

Term 3 31.25 - 47.50 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
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ACC 231: Uses of Accounting Information I	3	C
COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3	
ECN 212: Microeconomic Principles (SB)	3	C
ECN 221: Business Statistics (CS)	3	C
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C
Natural Science - Quantitative (SQ)	4	
Complete Mathematics (MA) requirement.		
Term hours subtotal:		16.25

- Continuing first-year students will take WPC 248, after completing WPC 148
- New transfer students will take WPC 347
- Explore [career resources](#)
- Develop your [professional online presence](#)
- Meet with your [W. P. Carey Career Coach](#)
- Attend [W. P. Carey and ASU Career Fairs](#)

Term 4 47.50 - 62.50 Credit Hours <b>Critical course signified by</b>	Hours	Minimum Grade	Notes
ACC 241: Uses of Accounting Information II	3	C	<ul style="list-style-type: none"> <li>• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your <a href="#">academic advisor</a> for more information and options.</li> <li>• Attend <a href="#">W. P. Carey</a> and <a href="#">ASU</a> career fairs</li> <li>• Apply for <a href="#">internships</a> or <a href="#">create one</a></li> </ul>
SCM 300: Global Supply Operations	3	C	
Cultural Diversity in the U.S. (C)	3		
Humanities, Arts and Design (HU)	3		
Elective	3		
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:		15	

Term 5 62.50 - 77.75 Credit Hours <b>Necessary course signified by</b>	Hours	Minimum Grade	Notes
SCM 315: Business Decision Models	3	C	<ul style="list-style-type: none"> <li>• Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.</li> <li>• Failure to successfully complete business skills courses in specified term may lead to a delay in graduation. See your <a href="#">academic advisor</a> for more information and options.</li> <li>• Meet with your <a href="#">W. P. Carey Career Coach</a></li> <li>• Update your <a href="#">resume</a></li> </ul>
SCM 345: Logistics Management	3	C	
ENG 302: Business Writing (L)	3		
MKT 300: Marketing and Business Performance	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:		15.25	

Term 6 77.75 - 92.75 Credit Hours <b>Necessary course signified by</b>	Hours	Minimum Grade	Notes
SCM 355: Supply Management (L)	3	C	<ul style="list-style-type: none"> <li>• Complete <a href="#">informational interviews</a></li> <li>• Complete an in person or virtual practice interview with your <a href="#">W. P. Carey Career Coach</a></li> <li>• Meet with your <a href="#">academic advisor</a> to discuss your internship course options</li> </ul>
SCM 432: Planning and Control Systems for Supply Chain Management	3	C	
SCM 463: Global Supply Chain Management (G) OR Upper Division International Business Course AND Global Awareness (G)	3	C	
MGT 300: Principles of Management and Leadership	3	C	
WPC 300: Problem Solving and Actionable Analytics	3	C	
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:		15	

Term 7 92.75 - 107.75 Credit Hours <b>Necessary course signified by</b>	Hours	Minimum Grade	Notes
SCM 455: Research and Negotiation	3	C	

★ SCM 479: Supply Chain Strategy (L)	3	C
FIN 300: Fundamentals of Finance	3	C
LES 305: Business Law and Ethics for Managers	3	C
Elective OR WPC 484: Internship	3	
Complete FIN 300 AND LES 305 AND MGT 300 AND MKT 300 AND SCM 300 AND WPC 300 AND SCM 463 or International Business Course (G) course(s).		
Term hours subtotal:		15

- All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 480
- Attend **W. P. Carey** and **ASU Career Fairs**
- Gather **professional references**
- Update your **resume**

★ Term 8 107.75 - 120.00 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
★ WPC 480: W. P. Carey Capstone Course (L)	3	C	<ul style="list-style-type: none"> <li>• Apply for <b>full-time career opportunities</b></li> <li>• Meet with your <b>academic advisor</b> to discuss your internship course options</li> </ul>
WPC 448: Senior Career Transition Management	0.25	C	
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Upper Division Elective	2		
Elective OR WPC 484: Internship	3		
Term hours subtotal:		12.25	

Hide Course List(s)/Track Group(s)

- Upper Division International Business Course - select one course (3 credit hours)
  - AGB 302: International Management and Agribusiness (G)
  - ECN 306: Survey of International Economics (SB & G)
  - MGT 302: Principles of International Business (G)
  - MKT 425: Global Marketing Management (G)
  - SCM 463: Global Supply Chain Management (G)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120  
**Upper Division Hours:** 50 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.






## 2023 - 2024 Major Map

### Supply Chain Management, BS

School/College: [W. P. Carey School of Business](#)



Location: [Online ASU Local](#)

BASCMBBS



Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 WPC 101: Student Success in Business	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. W. P. Carey students take WPC 101 to fulfill this requirement</li> </ul>
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Term hours subtotal:	7		
Term 1 - B 7 - 16 Credit Hours	Hours	Minimum Grade	Notes
MAT 210: Brief Calculus (MA)	3	C	<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> <li>Join a student <a href="#">club</a> or <a href="#">organization</a></li> <li>Create your first college <a href="#">resume</a></li> </ul>
SOC course (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	9		
Term 2 - A 16 - 25.25 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR			<ul style="list-style-type: none"> <li>WPC 150 is required of all first-year business students. Transfer students will not be required to complete WPC 150 and will instead complete three hours of elective credit.</li> <li>Research <a href="#">study abroad opportunities</a> recommended for your major</li> </ul>
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
MAT 211: Mathematics for Business Analysis	3	C	
WPC 148: First-Year Introduction to Career Development	0.25	C	
WPC 150: Business and Society	3	C	
Term hours subtotal:	9.25		
Term 2 - B 25.25 - 31.25 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ECN 211: Macroeconomic Principles (SB)	3	C	
PSY course (SB)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Minimum 2.00 GPA ASU Cumulative.			



Term hours subtotal: 6



Term 3 - A 31.25 - 40.25 Credit Hours	Hours	Minimum Grade	Notes
ACC 231: Uses of Accounting Information I	3	C	<ul style="list-style-type: none"> <li>• Explore career resources.</li> <li>• Meet with your W. P. Carey Career Coach</li> <li>• Attend W. P. Carey and ASU Career Fairs</li> </ul>
COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3		
ECN 212: Microeconomic Principles (SB)	3	C	
Term hours subtotal:	9		

Term 3 - B 40.25 - 47.50 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ACC 241: Uses of Accounting Information II	3	C	<ul style="list-style-type: none"> <li>• Continuing first-year students will take WPC 248, after completing WPC 148</li> <li>• New transfer students will take WPC 347</li> <li>• Develop your professional online presence</li> </ul>
WPC 248: Sophomore Career Narrative Design OR WPC 347: Intermediate Career Management	0.25	C	
Natural Science - Quantitative (SQ)	4		
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	7.25		

Term 4 - A 47.50 - 54.50 Credit Hours	Hours	Minimum Grade	Notes
ECN 221: Business Statistics (CS)	3	C	<ul style="list-style-type: none"> <li>• Attend W. P. Carey and ASU career fairs</li> <li>• Apply for internships or create one</li> </ul>
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	7		

Term 4 - B 54.50 - 63.50 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
SCM 300: Global Supply Operations	3	C	
Cultural Diversity in the U.S. (C)	3		
Elective	3		
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	9		

Term 5 - A 63.50 - 69.75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 SCM 315: Business Decision Models	3	C	<ul style="list-style-type: none"> <li>• Meet with your W. P. Carey Career Coach</li> <li>• Update your resume</li> </ul>
MKT 300: Marketing and Business Performance	3	C	
WPC 348: Junior Networking Foundations	0.25	C	
Term hours subtotal:	6.25		

Term 5 - B 69.75 - 78.75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 SCM 345: Logistics Management	3	C	<ul style="list-style-type: none"> <li>• Students pursuing concurrent degrees within W. P. Carey cannot share coursework in the major. Major coursework must be unique to each degree program.</li> </ul>
ENG 302: Business Writing (L)	3		
SCM 463: Global Supply Chain Management (G) OR Upper Division International Business Course AND Global Awareness (G)	3	C	
Term hours subtotal:	9		

Term 6 - A 78.75 - 84.75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
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★ SCM 355: Supply Management (L)	3	C	• Complete informational interviews
WPC 300: Problem Solving and Actionable Analytics	3	C	
Term hours subtotal:	6		

Term 6 - B 84.75 - 93.75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
★			
★ SCM 432: Planning and Control Systems for Supply Chain Management	3	C	• Complete an in person or virtual practice interview with your W. P. Carey Career Coach
FIN 300: Fundamentals of Finance	3	C	
MGT 300: Principles of Management and Leadership	3	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	9		

Term 7 - A 93.75 - 101.75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
★			
★ SCM 455: Research and Negotiation	3	C	• All upper-division Business Core classes (including International Business course) must be completed before enrolling in WPC 480 • Attend W. P. Carey and ASU Career Fairs
Upper Division Elective	2		
Elective OR WPC 484: Internship	3		
Term hours subtotal:	8		

Term 7 - B 101.75 - 107.75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
★			
★ SCM 479: Supply Chain Strategy (L)	3	C	• Gather professional references • Update your resume
LES 305: Business Law and Ethics for Managers	3	C	
Complete FIN 300 AND LES 305 AND MGT 300 AND MKT 300 AND SCM 300 AND WPC 300 AND SCM 463 or International Business Course (G) course(s).			
Term hours subtotal:	6		

Term 8 - A 107.75 - 114.00 Credit Hours	Hours	Minimum Grade	Notes
WPC 448: Senior Career Transition Management	0.25	C	• Apply for full-time career opportunities
Humanities, Arts and Design (HU)	3		
Elective OR WPC 484: Internship	3		
Term hours subtotal:	6.25		

Term 8 - B 114.00 - 120.00 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
★			
★ WPC 480: W. P. Carey Capstone Course (L)	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	6		

Hide Course List(s)/Track Group(s)

Upper Division International Business Course  
- select one (3 credit hours)

AGB 302: International Management and Agribusiness (G)

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ECN 306: Survey of International Economics (SB & G)

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MGT 302: Principles of International Business (G)

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MKT 425: Global Marketing Management (G)

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**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.




## 2023 - 2024 Major Map




### Architectural Studies, BSD

School/College: Herberger Institute for Design and the Arts

Location: Tempe

ARSTDBSD

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 DSC 100: ASU Design Experience	1	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. Design School majors take DSC 100 to fulfill this requirement.</li> <li>Join a <b>student club</b> or professional organization</li> </ul>
ARC 101: Architecture Project I	3	C	
ARC 111: Architecture of Architecture I	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Mathematics (MA) ( MAT 142 recommended)	3		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
 Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 2 16 - 31 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ARC 102: Architecture Project II	3	C	
ARC 112: Architecture of Architecture II	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Humanities, Arts and Design (HU) AND Global Awareness (G) ( ALA 100 OR ALA 102 OR ARS 201 OR ARS 202 OR DSC 101 OR PUP 190 OR PUP 200 OR SOS 111 recommended)	3		
Social-Behavioral Sciences (SB) ( INT 131 OR PUP 190 OR SOS 110 OR SOS 111 OR SOS 171 recommended)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Minimum 2.75 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 3 31 - 47 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ARC 201: Architecture Project III	3	C	<ul style="list-style-type: none"> <li>Develop your <b>professional online presence</b></li> <li>If CS: Computer Statistics is already met with prior credits, students may replace ART 108 or INT 121 or LAP 231 with any</li> </ul>
ART 108: Digital Literacy for the Arts (CS) or INT 121: Introduction to Computer Modeling for Interior Design (CS) or LAP 231: Introduction to Digital Applications for Designers (CS)	3	C	
ARC Elective	3	C	

Architecture + Elective	3	C
Natural Science - Quantitative (SQ) ( CON 106 OR GLG 108 OR SES 141 OR SOS 182 recommended)	4	
◆ Complete Mathematics (MA) requirement.		
◆ Minimum 3.00 GPA ASU Cumulative.		
Complete First-Year Composition requirement.		
Term hours subtotal:	16	

other digital modeling, CAD, or BIM course.

Term 4 47 - 63 Credit Hours Critical course signified by ◆	Hours	Minimum Grade	Notes
ARC 202: Architecture Project IV	3	C	• Complete an in person or virtual practice interview
ARC Elective	3	C	
Architecture + Elective	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H) ( ALA 100 OR ARS 101 OR ARS 102 OR ARS 201 OR ARS 202 OR PUP 200 recommended)	3		
Natural Science - General (SG) ( ART 320 OR BIO 130 OR CON 106 OR ENV 130 OR GLG 108 OR PHS 208 OR SCN 208 OR SCN 301 OR SES 141 OR SOS 182 recommended)	4		
◆ Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
ARC 301: Architecture Project V	3	C	• ARC 494 Architecture Bootcamp is intended only for students who have not completed ARC 201/202 (or any transferable equivalents) to provide additional project technique and skill building. Students who completed ARC 201/202 (or transferred equivalents) will NOT enroll in ARC 494 and instead will select an Upper Division ARC course of interest.
ARC 394: Architecture Bootcamp OR ARC Upper Division Elective	3	C	
Architecture + Elective	3	C	
Upper Division Architecture + Elective	3	C	
Literacy and Critical Inquiry (L) ( ARC 331 OR ARC 332 OR ARC 434 OR ARS 498 OR GRA 345 OR LAP 413 OR PUP 301 OR SOS 323 recommended)	3		
★ Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
ARC 302: Architecture Project VI	3	C	• Develop your skills
ARC 484: Internship OR ARC Upper Division Elective	3	C	
Upper Division Architecture + Elective	3	C	
Upper Division Literacy and Critical Inquiry (L) ( ARC 331 OR ARC 332 OR ARC 434 OR GRA 345 OR LAP 413 OR PUP 301 OR SOS 320 recommended)	3		
Upper Division Humanities, Arts and Design (HU) ( ARC 331 OR ARC 332 OR ARC 431 OR ARC 434 OR ARC 436 OR ARS 300 OR EDS 301 OR IND 316 OR IND 317 OR INT 310 OR INT 311 OR LAP 311 OR LAP 312 OR PUP 420 recommended)	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
★ Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ARC 401: Architecture Studio I	6	C	• Gather professional references
★ ARC 421: Architecture Technology I	3	C	
★ ARC 441: Architecture Representation	3	C	
Elective	3		
★ Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ARC 402: Architecture Studio II	6	C	
★ ARC 422: Architecture Technology II	3	C	
★ ARC 432: Architecture History	3	C	
★ Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

ARC Electives (Project courses are repeatable)	Architecture + Space, Tommorrow, and Beyond	Architecture + Community and Urban Planning
ARC 101: Architecture Project I		
ARC 102: Architecture Project II	IPI 241: Designing and Making (Electronics and Programming)	ART 442: Art and Community
ARC 201: Architecture Project III	IPI 441: Designing and Making: Advanced Projects	EDS 301: Sustainable Community Design and Practices (HU)
ARC 202: Architecture Project IV		PUP 190: Sustainable Cities ((HU or SB) & G)
ARC 301: Architecture Project V	SES 307: Space Works I: Design, Build, Test	
ARC 302: Architecture Project VI	SES 407: Space Works II: Model, Fabricate, Test	PUP 301: Introduction to Urban Planning (L)
ARC 331: World and Western Architecture I ((L or HU) & G & H)		PUP 360: Urban Geography (SB)
ARC 332: World and Western Architecture II ((L or HU) & G & H)		PUP 420: Theory of Urban Design (HU)
ARC 351: Architecture of Collaboration		PUP 425: Urban Housing Issues (SB)
ARC 352: Architecture of Leadership		REA 441: Real Estate Land Development
ARC 394: Special Topics		PUP OR REA Elective
ARC 431: Contemporary Architecture and Urbanism 1970 to the Present (HU & H)		
ARC 434: Great Cities ((L or HU) & H)		
ARC 436: Charles and Ray Eames (HU)		
ARC 484: Internship		
ARC Elective		
APH 494: Frank Lloyd Wright		

APH 494: Peter Zumthor

APH 494: The Image of Rome

Architecture + Construction & Building Technologies	Architecture + Stage and Screen	Architecture + Digital Modeling
CON 101: Construction and Culture: a Built Environment (HU & H)	PUP 200: Cities in Cinema (HU & H & G)	ART 108: Digital Literacy for the Arts (CS)
CON 106: Introduction to Concrete Materials for the Built Environment (SQ)	SLC 494: Narrative and Embodiment in Cinema	DSC 494: Assembled Reality - Image-making and Multimedia
CON 223: Strength of Materials	THP 213: Introduction to Technical Theatre	DSC 494: Grasshopper
CON 252: Building Construction Methods, Materials, and Equipment	THP 301: Lighting, Sound, Media	DSC 494: Rhino
INT 352: Construction Methods in Interior Design	THP 301: Theatrical Construction	GRA 294: Illustrator
INT 354: Construction Documents	THP 335: Stagecraft	GRA 294: InDesign
INT 351: Ambient Environment	THP 344: Hand Drafting for the Live Entertainment	GRA 294: Photoshop
LAP 341: Landscape Construction I	THP 345: Lighting Design	INT 121: Introduction to Computer Modeling for Interior Design (CS)
CON Elective	THP 350: Sound Design	INT 123: Introduction to Computer-Aided Design and Building Information Modeling
	THP 440: Advanced Scene Design	LAP 231: Introduction to Digital Applications for Designers (CS)
	THP 494: Art Direction	LAP 332: GIS Applications in Environmental Design (CS)
		GIS OR GIT Elective
Architecture + Fashion	Architecture + Sustainable Design, Building, and Communities	Architecture + Creativity and Innovation
FSH 122: Apparel Construction I	ALA 100: Introduction to Environmental Design (HU & H & G)	ART 107: Photography as Experience
FSH 201: Textiles Survey	ALA 102: Landscapes and Sustainability (HU & G)	ART 109: Making as Seeing and Thinking
FSH 203: Fashion Illustration I	LAP 251: Plant Materials for Sustainable Landscapes	ART 110: Drawing as Seeing and Thinking (HU)
FSH 204: Social Aspects of Fashion (L or HU or SB)	LAP 352: Ecosystems and Sustainable Design	ART 123: Introduction to Photography for Nonmajors (HU)
FSH 206: Fashion Design I or FSH 294: Fundamentals of Fashion Design	PUP 411: Environment, Justice and Cities	ART 216: Contemporary Art in Practice: Methods, Making, Meaning
FSH 222: Apparel Construction II	PUP 430: Transportation Planning and the Environment	ART 218: 3D Tools
FSH 280: Fashion Merchandising	SOS 100: Introduction to Sustainability (G)	ART 467: Art and Ecology or SOS 467: Art and Ecology
FSH 304: Equity and Inclusion in Fashion	SOS 110: Sustainable World (SB)	DSC 394: Design Entrepreneurship & Society
FSH 325: Personal Style and Wardrobe (HU)	SOS 111: Sustainable Cities ((HU or SB) & G)	DSC 494: City/Narrative Space: Placemaking/Public Media Art or HDA 494: City/Narrative Space: Placemaking/Public Media Art
FSH 360: Sustainable Systems in Fashion	SOS 220: Systems Thinking	EDS 201: Fundamentals of Sustainability in Design
FSH 385: Fashion Visual Merchandising	SOS 323: Sustainable Urban Dynamics	ENT 340: Creativity and Innovation (L or HU)
FSH 435: Contemporary Fashion (L or HU)	SOS 414: Urban and Environmental Health (SB)	
FSH Elective		

	SOS 465: Sustainable Urbanism	GRA 225: Communication/Interaction Design Theory
	ALA OR LAP OR SOS Elective	GRA 464: Collaborative Design Development I (L) or IND 464: Collaborative Design Development I (L) or SOS 474: Collaborative Design Development I (L)
		GRA 465: Collaborative Design Development II (L) or IND 465: Collaborative Design Development II (L) or SOS 475: Collaborative Design Development II (L)
		ART OR GRA OR EDS OR IND OR INT Elective
Architecture + Film, Media, and Web	Architecture + Diversity, Equity, Inclusion, and Social Justice	Architecture + Business & Entrepreneurship
AME 210: Media Editing	ASB 101: Anthropology: Understanding Human Diversity (SB & G)	ACC 231: Uses of Accounting Information I
AME 220: Programming for the Web (CS)	BIS 350: Diversity and Organizations (L & C)	ACC 382: Accounting and Financial Analysis
AME 230: Programming for the Media Arts (CS)	SOS 310: Equity, Justice and Sustainability or OGL 350: Diversity and Organizations (L & C)	DSC 494: Practice Management
ART 116: Introduction to Digital Media	IND 243: Design for Ecology and Social Equity	ECN 211: Macroeconomic Principles (SB)
ART 217: Introduction to Computer Animation	IND 344: Human Factors in Design	ECN 212: Microeconomic Principles (SB)
ART 218: 3D Tools	SBS 301: Cultural Diversity ((L or SB) & C)	ENG 301: Writing for the Professions (L)
ART 244: Introduction to Interactive Environments	CRJ 270: Community Justice (SB)	ENT 290: Entrepreneurship: Opportunity to Impact
ART 302: The Still and Moving Image: Digital Photography and Video	CRJ 304: Inequality, Crime and Criminal Justice	ENT 305: Principles of Entrepreneurship
ART 313: Experimental Film	CRJ 305: Gender, Crime, and Criminal Justice (C)	ENT 360: Entrepreneurship and Value Creation
CIS 300: Web Design and Development	FIS 444: Environment and Justice (L & C)	FIN 300: Fundamentals of Finance
FMP 180: Principles of Production Technology	JUS 105: Introduction to Justice Studies (SB)	GRA 345: Design Rhetoric (L)
FMP 215: Beginning Post-Production for Film & Television: Adobe Premier Pro	JUS 235: Disability, Justice and Advocacy (C) or JUS 305: Principles of Justice Studies (SB)	INT 472: Professional Practice for Interior Design
FMP 225: Principles of Visual Effects Compositing	JUS 320: Community and Social Justice (SB & C)	LAP 371: Professional Practice
FMP 240: Introduction to Animation for Film	JUS 350: Immigration and Justice (SB & C)	MGT 380: Management and Strategy for Nonmajors
FMP 255: Media Authorship (CS)	JUS 370: Cultural Diversity and Justice ((L or HU) & C)	MKT 390: Essentials of Marketing
FMP 280: Introduction to Film and Media Production	JUS 371: Sexuality and Social Justice	MKT 395: Essentials of Advertising and Marketing Communication
FMP 300: Film Production: Non-Majors	JUS 405: Inequality, Economy and Justice ((L or SB) & G)	MKT 391: Essentials of Selling
FMP 494: Cinema and Game Worlds	SOC 325: Globalization and Socio-Economic Justice (SB & G)	OGL 220: Behavioral Dynamics in Organizations (SB)
FMP 494: Cinema and the City	SOC 432: Racial Justice (L)	OGL 300: Theory and Practice of Leadership
AME OR FMP OR CPI Elective	2023-24 Academic Catalog Archive	OGL 200: Introduction to Organizational Leadership (SB)
		OGL 350: Diversity and Organizations (L & C)

PUP 411: Environment, Justice and Cities

WST 235: Disability, Justice and Advocacy  
(C)

CRJ OR JUS OR JHR OR WST Elective

REA 380: Real Estate Fundamentals

REA 401: Real Estate Appraisal

REA 411: Real Estate Law

TEM 200: My Technology Venture

TEM 230: Creativity and Business Innovation

TEM 400: Technology Entrepreneurship

TWC 347: Written Communication for  
Managers (L)

ACC OR BUA OR ECN OR ENT OR FIN  
OR MGT OR MKT OR OGL OR REA OR  
TEM Elective

Architecture + Design Philosophies, Theories  
and Histories

ARS 100: Introduction to Art (HU) or ARS  
300: Introduction to Art (HU)

ARS 102: Art from Renaissance to Modernism  
(HU & H)

ARS 404: Greek Art (HU & H)

ARS 406: Roman Art (HU & H)

ARS 418: German Renaissance and  
Reformation Art (HU)

ARS 422: Italian High Renaissance Art and  
Mannerism (HU)

ARS 424: Italian Baroque Art (HU & H)

ARS 438: Art of the 20th Century I (HU & H)

ARS 439: Art of the 20th Century II (HU & H)

ARS 465: Native Art of North America (HU &  
C & H)

ARS 472: Art of China (HU)

GRA 401: Creative Environment

HDA 294: Turrell & Roden Crater: Art,  
Design, and Tech

INT 111: Interior Design Issues and Theories  
(HU)

INT 131: Design and Human Behavior (SB)

INT 310: History of Interior Design I (HU &  
H)

INT 311: History of Interior Design II (HU &  
H)

LAP 311: History of Landscape Architecture  
(HU & H)



LAP 312: 20th-Century Landscape  
Architecture (HU)

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LAP 413: Landscape Architecture Theory and  
Criticism (L)

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PUP 363: History of Planning

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PUP 412: History of the City ((L or HU) & H)

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PUP 465: Sustainable Urbanism

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PUP 420: Theory of Urban Design (HU)

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SOS 309: History and Philosophy of  
Sustainability

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ARS Elective

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**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map




### Art (Animation), BFA





School/College: Herberger Institute for Design and the Arts

Location: Tempe

HIARTANBFA

Term 1 0 - 16 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ARA 101: ASU: The Art Experience	1	C	<ul style="list-style-type: none"> <li>• ARA 101 ASU: The Art Experience is required of all first-year art majors only.</li> <li>• Select your <b>career interest communities</b> and play me3@ASU.</li> </ul>
ART 111: Foundation Drawing	3	C	
ART 116: Introduction to Digital Media	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Mathematics (MA)	3		
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	16		

Term 2 16 - 31 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ART 217: Introduction to Computer Animation	3	C	<ul style="list-style-type: none"> <li>• Join a <b>student club</b> or professional organization.</li> </ul>
ART 113: Pictorial Investigations and Color Theory	3	C	
ART 115: 3D Design	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		

Term 3 31 - 47 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ARS 101: Art from Prehistory Through Middle Ages (HU & H) OR ARS 102: Art from Renaissance to Modernism (HU & H)	3	C	<ul style="list-style-type: none"> <li>• Develop your <b>skills</b>.</li> </ul>
ART 212: Figure Drawing for Animation	3	C	
ART 308: 2D Digital Animation I	3	C	
 ART 346: 3D Computer Imaging and Animation (CS)	3	C	
Natural Science - Quantitative (SQ)	4		
 Complete Mathematics (MA) requirement. Complete First-Year Composition requirement.			
Term hours subtotal:	16		

Term 4 47 - 63 Credit Hours Critical course signified by ⚠	Hours	Minimum Grade	Notes
⚠ ARS 201: Art of Asia (HU & H & G) OR ARS 202: Art of Africa, Oceania, and the Americas (HU & H & G)	3	C	<ul style="list-style-type: none"> <li>• Explore an internship.</li> </ul>
ART 294: Introduction to Storyboarding OR ART 312: Illustration	3	C	
ART 309: 2D Digital Animation II	3	C	
ART 348: Animation Motion Studies	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ART 417: Storyboarding and Narrative Sequencing or ART 394: Sound for Animation	3	C	<ul style="list-style-type: none"> <li>• Art students cannot take ARA 311, ARS 100, or ARS 300.</li> <li>• Use Handshake to research employment opportunities.</li> </ul>
ART 361: Junior Animation Projects I	3	C	
Upper Division Animation Elective	3	C	
ARA OR ARE OR ARS OR ART OR FSH Elective	3	C	
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ART 417: Storyboarding and Narrative Sequencing or ART 394: Sound for Animation	3	C	<ul style="list-style-type: none"> <li>• Art students cannot take ARA 311 or ARS 300.</li> </ul>
ARS 445: History of Animation	3	C	
ART 362: Junior Animation Projects II	3	C	
Upper Division Animation Elective	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ART 461: Animation Capstone I	3	C	<ul style="list-style-type: none"> <li>• Art Upper Division Elective course cannot be ARA 311 or ARS 300.</li> <li>• Gather professional references.</li> </ul>
Upper Division Animation Elective	3	C	
ARS course (HU) Upper Division	3	C	
ARA OR ARE OR ARS OR ART OR FSH Upper Division Elective	3	C	
Elective OR ART 484: Internship	3		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ART 462: Animation Capstone II	3	C	<ul style="list-style-type: none"> <li>• Art students cannot take ARA 311 or ARS 300.</li> </ul>
Complete 2 courses:			
Upper Division Animation Elective	6	C	
ARA OR ARE OR ARS OR ART OR FSH Upper Division Elective	3	C	
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

Upper Division Animation Elective

AME 330: Digital-Physical Systems

AME 410: Interactive Materials

AME 444: Media Installations

AME 494: Animating Virtual Worlds

ART 312: Illustration

ART 314: Intermediate Figure Drawing

ART 317: Advanced Digital Photography

ART 394: 3-D Digital Modeling

ART 394: 3D Tools for Sculptors II

ART 394: 3D Visual Effects

ART 424: Stop Motion Animation

ART 428: Video and Sound as Sculptural  
Materials

ART 439: Studio Inquiry: Practice and  
Cultural Context

ART 440: Experimental Video Art

ART 449: Computer Animation and Video

ART 494: Stop Motion Animation II

ART 494: Time, Narrative & the Multiple

ART 494: Visual Prototyping

ART 494: Women/Art/Technology

CPI 311: Game Engine Development

CPI 321: Fundamentals of Game Art

CPI 411: Graphics for Games

CPI 421: 3-D Modeling and Texturing

FMP 325: Intermediate Visual Effects  
Compositing

FMS 351: Emerging Digital Media

FMS 354: Critical Studies in Animation

FMS 394: Writing for Video Games

FMS 409: Advanced Screenwriting

FMS 442: Experimental Narrative (HU)

FMS 494: Contemporary Television and New  
Media

GIT 312: Computer Animation and Motion  
Graphics (CS)

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**Academic Recognition:** 56 minimum

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**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.









## 2023 - 2024 Major Map

### Art (Art Education), BFA



School/College: [Herberger Institute for Design and the Arts](#)



Location: [Tempe](#)




FAARTEBFA

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ARA 101: ASU: The Art Experience	1	C	<ul style="list-style-type: none"> <li>• ARA 101 ASU: The Art Experience is required of all first-year art majors only.</li> <li>• Studio recommendation: Fall ART 113 and ART 115, Spring ART 111, ART 116</li> <li>• Select your <b>Career Interest Communities</b> and play <b>me3@ASU</b>.</li> </ul>
ARS 101: Art from Prehistory Through Middle Ages (HU & H) OR	3	C	
ARS 102: Art from Renaissance to Modernism (HU & H)			
ART 113: Pictorial Investigations and Color Theory	3	C	
ART 115: 3D Design	3	C	
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Mathematics (MA)	3		
Term hours subtotal:	16		
Term 2 16 - 31 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ART 111: Foundation Drawing	3	C	<ul style="list-style-type: none"> <li>• For students not pursuing K-12 certification, replace SPE 222 (SB) with Social Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C).</li> <li>• Join a <b>student club</b> or professional organization.</li> </ul>
ART 116: Introduction to Digital Media	3	C	
ARS 101: Art from Prehistory Through Middle Ages (HU & H) OR	3	C	
ARS 102: Art from Renaissance to Modernism (HU & H)			
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
SPE 222: Orientation to Education of Exceptional Children (SB & C)	3	C	
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		
Term 3 31 - 47 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ARE 250: Teaching Inquiry in Art	3	B-	<ul style="list-style-type: none"> <li>• Minimum grade of B- or better in ARE 250 is required.</li> <li>• TEL 215 is recommended for students seeking teacher certification.</li> </ul>
ART 114: Expanded Arts Studio	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB) ( TEL 215 recommended)	3		
 Complete Mathematics (MA) requirement.			
Complete First-Year Composition requirement.			


Term hours subtotal: 16

Term 4 47 - 63 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 2D Art Course	3	C	<ul style="list-style-type: none"> <li>• Develop your <b>skills</b>.</li> <li>• Create a first draft <b>resume</b>.</li> </ul>
ARA 240: Encounters with Contemporary Art	3	C	
ART 216: Contemporary Art in Practice: Methods, Making, Meaning	3	C	
Literacy and Critical Inquiry (L) AND Global Awareness (G)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 ARE 370: Teaching Visual Culture	3	C	<ul style="list-style-type: none"> <li>• For certification: Apply for an Identity Verified Print (IVP) <b>DPS fingerprint card</b>.</li> <li>• For certification: Complete the <b>Teachers College Acknowledgement form</b>.</li> <li>• Teachers College requirement: Use this link <a href="http://bit.ly/ivpcard">http://bit.ly/ivpcard</a> to upload the front and back of your IVP fingerprint clearance card. As you upload the card, please include your name and address.</li> <li>• Need a minimum 2.25 ASU GPA to begin Upper Division Teachers College coursework.</li> <li>• Use Handshake to research <b>employment opportunities</b>.</li> </ul>
ARE 446: Multicultural Issues in Art Education	3	C	
2D or 3D Art Course	3	C	
3D Art Course (ART 261 recommended)	3	C	
Upper Division Art History Asian/African/Native Am./Latin Am. Focus	3	C	
Term hours subtotal:	15		

Term 6 78 - 94 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 ARE 482: Teaching Art Processes	3	C	<ul style="list-style-type: none"> <li>• For students not pursuing K-12 certification, replace BLE 408 with upper division Literacy and Critical Inquiry (L) requirement and TEL 366 with an upper division elective.</li> </ul>
ARE 496: Methods and Assessment of Learning in Art	3	C	
BLE 408: Structured English Immersion (SEI) Methods (L)	3	C	
TEL 366: Internship: Intermediate	1	C	
Upper Division Art Education Proficiency Course	3	C	
Upper Division Art History Modern Focus	3	C	
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	16		

Term 7 94 - 108 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 ARE 486: Art Education: Strategies and Applications	3	C	<ul style="list-style-type: none"> <li>• For students not pursuing K-12 certification, replace TEL 477 with upper division electives.</li> <li>• Gather <b>professional references</b>.</li> </ul>
TEL 477: Internship: Advanced	2	C	
Complete 2 courses:			
Upper Division Art Education Proficiency Course	6	C	
ARS Upper Division Elective AND Upper Division Humanities, Arts and Design (HU)	3	C	
Term hours subtotal:	14		

Term 8 108 - 120 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
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★ TEL 488: Student Teaching	11	C
TEL 471: Professional Educator Series: The Principled Educator	1	
Term hours subtotal:	12	

- For students not pursuing K-12 certification, replace TEL 488 and TEL 471 with upper division electives.
- Apply for **full-time career opportunities**.

Hide Course List(s)/Track Group(s)

2D Art Course	3D Art Course	Art Education Proficiency Courses (Requires approval; see note in Term 4)
ART 121: Introduction to Photography I	ART 216: Contemporary Art in Practice: Methods, Making, Meaning	ARA Elective
ART 122: Introduction to Photography II	ART 218: 3D Tools	ARE Elective
ART 203: Photography: Material Studies I	ART 231: Sculpture I	ARS Elective
ART 206: Digital Photography I	ART 235: 3D Tools for Sculptors	ART Elective
ART 207: Digital Photography II	ART 261: Ceramic Survey	
ART 208: View Camera Photography	ART 272: Introduction to Metals and Jewelry	
ART 211: Drawing	ART 274: Wood I	
ART 214: Figure Drawing	ART 276: Introduction to Textiles	
ART 215: Photography: Digital Compositing		
ART 217: Introduction to Computer Animation		
ART 223: Painting		
ART 227: Watercolor		
ART 253: Introduction to Printmaking		
Upper Division Art History Asian/African/Native Am./Latin Am. Focus	Upper Division Art History Modern Focus	
ARS 362: Survey of Aztec, Maya and Inka Art (HU)	ARS 330: The Portrait (HU)	
ARS 369: Mexican Art (HU)	ARS 340: Art in America (HU & H)	
ARS 394: Anime	ARS 345: Art and Television	
ARS 394: Islamic Art	ARS 370: The Art of the Comic	
ARS 394: Art of India and South Asia	ARS 394: Anime	
ARS 394: Modern and Contemporary Chinese Art	ARS 394: Modern and Contemporary Chinese Art	
ARS 402: Art of Ancient Egypt (HU & H)	ARS 438: Art of the 20th Century I (HU & H)	
ARS 403: Art of the Aztec Empire	ARS 439: Art of the 20th Century II (HU & H)	
ARS 472: Art of China (HU)	ARS 440: Identity and World Film (C)	
ARS 473: Art of Japan (HU)	ARS 441: Public Art	
ARS 475: Chinese Painting (HU)	ARS 445: History of Animation	
ARS 494: Buddhist Art	ARS 460: Art Now	
	ARS 485: Women in the Visual Arts (L)	



ARS 498: Contemporary Art of Asia (L)	ARS 494: Contemporary Indigenous Art & Museums
ARS 498: Contemporary Art of Southeast Asia (L)	ARS 494: Identity Politics & Exhibitions
ARS 494: Contemporary Indigenous Art & Museums	ARS 494: Modern & Contemporary Latin American Art: A Survey
ARS 494: Histories of African Art and Visual Culture	ARS 494: Transformative Exhibitions Since the 1990s
ARS 498: Modern & Contemporary Art of India and South Asia (L)	ARS 498: Contemporary Art of Asia (L)
ARS 494: Modern & Contemporary Latin American Art: A Survey	ARS 498: Contemporary Art of Southeast Asia (L)
	ARS 498: Modern & Contemporary Art of India and South Asia (L)
	ARS 498: Theories of Modern Sculpture (L)

**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment score** determines placement in first mathematics course.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.









## 2023 - 2024 Major Map

### Art (Art History), BA

School/College: [Herberger Institute for Design and the Arts](#)

Location: [Tempe](#)

FAARTHBA

Term 1 0 - 14 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ARA 101: ASU: The Art Experience	1	C	<ul style="list-style-type: none"> <li>• ARA 101: The Art Experience is required of all first-year art majors.</li> <li>• <b>ASU Language Placement:</b> Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.</li> <li>• Select your <b>Career Interest Communities</b> and play <a href="#">me3@ASU</a>.</li> </ul>
 ARS 101: Art from Prehistory Through Middle Ages (HU & H) OR ARS 102: Art from Renaissance to Modernism (HU & H)	3	C	
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
Mathematics (MA)	3		
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), not including American Sign Language IV .	4	C	
Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	14		
Term 2 14 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ARS 101: Art from Prehistory Through Middle Ages (HU & H) OR ARS 102: Art from Renaissance to Modernism (HU & H)	3	C	<ul style="list-style-type: none"> <li>• Join a <b>student club</b> or professional organization.</li> </ul>
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), not including American Sign Language IV .	4	C	
Elective	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	16		
Term 3 30 - 46 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ARS 201: Art of Asia (HU & H & G) OR ARS 202: Art of Africa, Oceania, and the Americas (HU & H & G) OR ARS 250: History of Photography (HU)	3	C	<ul style="list-style-type: none"> <li>• ARS Elective cannot be ARS 100 or ARS 300.</li> </ul>

ARS Elective	3	C
ARA OR ARE OR APH OR ART Elective	3	C
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), not including American Sign Language IV .	4	C
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3	
❖ Complete Mathematics (MA) requirement.		
Complete First-Year Composition requirement.		
Minimum 3.00 GPA ASU Cumulative.		
Term hours subtotal:		16

- Develop your **skills**.

Term 4 46 - 59 Credit Hours Critical course signified by ❖	Hours	Minimum Grade	Notes
❖ ARS 201: Art of Asia (HU & H & G) OR ARS 202: Art of Africa, Oceania, and the Americas (HU & H & G) OR ARS 250: History of Photography (HU)	3	C	<ul style="list-style-type: none"> <li>• Create a first draft <b>resume</b>.</li> <li>• Explore an <b>internship</b>.</li> </ul>
❖ Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), not including American Sign Language IV .	4	C	
Natural Science - Quantitative (SQ)	4		
Elective	2		
Term hours subtotal:		13	

Term 5 59 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Art History Asian/African/Native Am./Latin Am.Focus	3	C	<ul style="list-style-type: none"> <li>• Art Elective cannot be ARA 311.</li> <li>• Use Handshake to research <b>employment opportunities</b>.</li> </ul>
Upper Division Art History Renaissance/Baroque Focus	3	C	
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB)	3		
Upper Division Elective	3		
Term hours subtotal:		16	

Term 6 75 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
Upper Division Art History Ancient/Medieval Focus	3	C	<ul style="list-style-type: none"> <li>• Art Elective cannot be ARA 311.</li> </ul>
Upper Division Art History Modern Focus	3	C	
ARA OR ARE OR APH OR ART Elective	3	C	
Literacy and Critical Inquiry (L)	3		
Upper Division Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:		15	

Term 7 90 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ARS 480: Research Methods (L)	3	C	<ul style="list-style-type: none"> <li>• Art Elective cannot be ARA 311.</li> <li>• ARS elective cannot be ARS 300.</li> </ul>
ARS Upper Division Elective	3	C	
ARA OR ARE OR APH OR ART Elective	3	C	
Upper Division Elective OR ART 484: Internship	3		

Upper Division Elective	3
Term hours subtotal:	15

- ARS 480 Research Methods: Students will engage in research and a sustained writing project. ARS 480 is fall only.
- Gather **professional references**.

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ARS Upper Division Elective	3	C	<ul style="list-style-type: none"> <li>• ARS elective cannot be ARS 300.</li> <li>• ARS 498 Pro-Seminar: Students will engage in research and a sustained writing project.</li> <li>• Apply for <b>full-time career opportunities</b>.</li> </ul>
ARS Upper Division Elective	3	C	
ARS course (HU) Upper Division	3	C	
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	15		

Hide Course List(s)/Track Group(s)

Upper Division Art History Ancient/Medieval Focus	Upper Division Art History Modern Focus	Upper Division Art History Renaissance/Baroque Focus
ARS 394: Art and Myth in Ancient Greece	ARS 330: The Portrait (HU)	ARS 310: The Renaissance in Tuscany
ARS 394: Egyptian Art and Culture	ARS 331: 18th- and 19th-Century European Jewelry Design	ARS 330: The Portrait (HU)
ARS 394: Islamic Art	ARS 340: Art in America (HU & H)	ARS 394: Art of Italian Renaissance
ARS 394: Medieval Art: Cross-Cultural Perspectives	ARS 345: Art and Television	ARS 418: German Renaissance and Reformation Art (HU)
ARS 402: Art of Ancient Egypt (HU & H)	ARS 370: The Art of the Comic	ARS 422: Italian High Renaissance Art and Mannerism (HU)
ARS 404: Greek Art (HU & H)	ARS 394: 20th Century American & European Jewelry Design	ARS 424: Italian Baroque Art (HU & H)
ARS 406: Roman Art (HU & H)	ARS 394: Anime	ARS 498: Pro-Seminar (L)
ARS 414: Monasteries, Madonnas and Manuscripts (HU & H)	ARS 394: Modern and Contemporary Chinese Art	ARS 498: The Renaissance Book: Graphics (L)
ARS 498: Greek Sculpture: Geometric through Hellenistic (L)	ARS 435: The Pre-Raphaelites	
ARS 498: Pompeii & Herculaneum (L)	ARS 438: Art of the 20th Century I (HU & H)	
ARS 498: Pro-Seminar (L)	ARS 439: Art of the 20th Century II (HU & H)	
ARS 498: Tutankahmen & His Times (L)	ARS 440: Identity and World Film (C)	
	ARS 443: Artists in Film: Artists' Biopics	
	ARS 445: History of Animation	
	ARS 485: Women in the Visual Arts (L)	
	ARS 498: Art and Money (L)	
	ARS 498: Art & Technology (L)	
	ARS 498: Contemporary Art of Asia (L)	
	ARS 498: Fakes and Forgeries in Art (L)	
	ARS 498: New Woman Artist 1900-1945 (L)	

ARS 498: Pro-Seminar (L)

ARS 498: Self, Trauma, and Affect in Art (L)

ARS 498: Surrealism & Ethnography (L)

ARS 498: Theories Modern Sculpture (L)

ARS 498: Visual Culture Studies (L)

Upper Division Art History

Asian/African/Native Am./Latin Am. Focus

ARS 362: Survey of Aztec, Maya and Inka Art (HU)

ARS 369: Mexican Art (HU)

ARS 394: Anime

ARS 394: Egyptian Art and Culture

ARS 394: Islamic Art

ARS 394: Modern and Contemporary Chinese Art

ARS 402: Art of Ancient Egypt (HU & H)

ARS 444: Films of India

ARS 465: Native Art of North America (HU & C & H)

ARS 472: Art of China (HU)

ARS 473: Art of Japan (HU)

ARS 475: Chinese Painting (HU)

ARS 494: Art of the Inka and their Ancestors

ARS 494: Global Textiles and Fashion

ARS 494: Histories of African Art and Visual Culture

ARS 494: Oceanic Art

ARS 498: Contemporary Art of Asia (L)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**General University Requirements Legend**

General Studies Core Requirements:

**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for**  
**Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.








## 2023 - 2024 Major Map

### Art (Art History), BA



School/College: [Herberger Institute for Design and the Arts](#)



Location: [Online ASU Local](#)

FAARTHBA



Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ARS 101: Art from Prehistory Through Middle Ages (HU & H) OR ARS 102: Art from Renaissance to Modernism (HU & H)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> </ul>
HDA 101: ASU and Herberger Institute Experience	1	C	
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		
Term 1 - B 7 - 13 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ARS 101: Art from Prehistory Through Middle Ages (HU & H) OR ARS 102: Art from Renaissance to Modernism (HU & H)	3	C	<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> <li>Play <a href="#">me3@ASU</a>.</li> </ul>
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	6		
Term 2 - A 13 - 19 Credit Hours	Hours	Minimum Grade	Notes
ARS 201: Art of Asia (HU & H & G) OR ARS 202: Art of Africa, Oceania, and the Americas (HU & H & G) OR ARS 250: History of Photography (HU)	3	C	
Mathematics (MA) ( MAT 142 recommended)	3		
Term hours subtotal:	6		
Term 2 - B 19 - 25 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ARS 201: Art of Asia (HU & H & G) OR ARS 202: Art of Africa, Oceania, and the Americas (HU & H & G) OR ARS 250: History of Photography (HU)	3	C	<ul style="list-style-type: none"> <li>Think about <a href="#">joining a club</a> or civic group in your area of career interest.</li> </ul>
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s). Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	6		

Term 3 - A 25 - 32 Credit Hours	Hours	Minimum Grade	Notes
ARS Upper Division Elective	3	C	<ul style="list-style-type: none"> <li>• <b>ASU Language Placement:</b> Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.</li> </ul>
Second Language: Requirement satisfied through the following: *Completion of a language course at the intermediate level (202 or equivalent), not including American Sign Language.	4	C	
Term hours subtotal:	7		

Term 3 - B 32 - 39 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
Second Language: Requirement satisfied through the following: *Completion of a language course at the intermediate level (202 or equivalent), not including American Sign Language.	4	C	<ul style="list-style-type: none"> <li>• <b>Career steps:</b> Shadow someone in the job/career you are considering.</li> </ul>
Social-Behavioral Sciences (SB)	3		
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	7		

Term 4 - A 39 - 46 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ARA OR ARE OR APH OR ART Elective	3	C	
Second Language: Requirement satisfied through the following: *Completion of a language course at the intermediate level (202 or equivalent), not including American Sign Language.	4	C	
Term hours subtotal:	7		

Term 4 - B 46 - 53 Credit Hours	Hours	Minimum Grade	Notes
Computer/Statistics/Quantitative Applications (CS)	3		<ul style="list-style-type: none"> <li>• Create a first draft <b>resume</b></li> </ul>
Second Language: Requirement satisfied through the following: *Completion of a language course at the intermediate level (202 or equivalent), not including American Sign Language.	4	C	
Term hours subtotal:	7		

Term 5 - A 53 - 60 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 Upper Division Art History Asian/African/Native Am./Latin Am. Focus	3	C	
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	7		

Term 5 - B 60 - 66 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Art History Ancient/Medieval Focus	3	C	<ul style="list-style-type: none"> <li>• <b>Explore internships</b> in your area</li> </ul>
ARA OR ARE OR APH OR ART Elective	3	C	
Term hours subtotal:	6		

Term 6 - A 66 - 72 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Art History Renaissance/Baroque Focus	3	C	
ARS Elective	3	C	
Term hours subtotal:	6		

Term 6 - B 72 - 79 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes



Upper Division Art History Modern Focus	3	C
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
Term hours subtotal:	7	

- Use Handshake to research employment opportunities

Term 7 - A 79 - 85 Credit Hours	Hours	Minimum Grade	Notes
Literacy and Critical Inquiry (L)	3		
Upper Division Elective	3		
Term hours subtotal:	6		

Term 7 - B 85 - 91 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ARA OR ARE OR APH OR ART Elective	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		

- Complete an in person or virtual practice interview.

Term 8 - A 91 - 97 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ARS Upper Division Elective	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		

- Use Handshake to research employment opportunities.

Term 8 - B 97 - 103 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	6		

Term 9 - A 103 - 109 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ARS course (HU) Upper Division	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		

- Gather professional references

Term 9 - B 109 - 115 Credit Hours	Hours	Minimum Grade	Notes
ARS Upper Division Elective	3	C	
Elective	3		
Term hours subtotal:	6		

- Apply for full-time career opportunities

Term 10 - A 115 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ARS 480: Research Methods (L)	3	C	
Elective	2		
Term hours subtotal:	5		

- ARS 480 Research Methods: Students will engage in research and a sustained writing project.

Hide Course List(s)/Track Group(s)

Upper Division Art History Ancient/Medieval Focus	Upper Division Art History Modern Focus	Upper Division Art History Renaissance/Baroque Focus
ARS 394: Art and Myth in Ancient Greece	ARS 330: The Portrait (HU)	ARS 330: The Portrait (HU)
ARS 394: Egyptian Art and Culture	ARS 331: 18th- and 19th-Century European Jewelry Design	ARS 394: Art of Italian Renaissance
ARS 394: Islamic Art	ARS 340: Art in America (HU & H)	ARS 498: The Renaissance Book: Graphics (L)
ARS 394: Medieval Art: Cross-Cultural Perspectives	ARS 345: Art and Television	
ARS 402: Art of Ancient Egypt (HU & H)	ARS 370: The Art of the Comic	
ARS 498: Greek Sculpture: Geometric through Hellenistic (L)	ARS 394: 20th Century American & European Jewelry Design	
	ARS 394: Anime	
	ARS 394: Modern and Contemporary Chinese Art	
	ARS 435: The Pre-Raphaelites	
	ARS 438: Art of the 20th Century I (HU & H)	
	ARS 440: Identity and World Film (C)	
	ARS 445: History of Animation	
	ARS 485: Women in the Visual Arts (L)	
	ARS 498: Contemporary Art of Asia (L)	
	ARS 498: Theories of Modern Sculpture (L)	
	ARS 498: Art & Technology (L)	
Upper Division Art History Asian/African/Native Am./Latin Am. Focus		
ARS 369: Mexican Art (HU)		
ARS 394: Anime		
ARS 394: Egyptian Art and Culture		
ARS 394: Islamic Art		
ARS 394: Modern and Contemporary Chinese Art		
ARS 402: Art of Ancient Egypt (HU & H)		
ARS 472: Art of China (HU)		
ARS 473: Art of Japan (HU)		
ARS 494: Global Textiles and Fashion		
ARS 494: Histories of African Art and Visual Culture		
ARS 494: Oceanic Art		
ARS 498: Contemporary Art of Asia (L)		

**Notes:**

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- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.








## 2023 - 2024 Major Map

### Art (Art Studies), BA

School/College: [Herberger Institute for Design and the Arts](#)

Location: [Tempe](#)

FAARTSTDBA

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ARA 101: ASU: The Art Experience	1	C	<ul style="list-style-type: none"> <li>• ARA 101 ASU: The Art Experience is required of all first-year art majors only.</li> <li>• Select your <b>Career Interest Communities</b> and play me3@ASU.</li> </ul>
<i>Complete 2 courses:</i> ART 110: Drawing as Seeing and Thinking (HU) OR ART 114: Expanded Arts Studio or ART 108: Digital Literacy for the Arts (CS) OR ART 113: Pictorial Investigations and Color Theory or ART 107: Photography as Experience OR ART 115: 3D Design or ART 109: Making as Seeing and Thinking	6	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Mathematics (MA)	3		
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	16		
Term 2 16 - 31 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ARS 101: Art from Prehistory Through Middle Ages (HU & H) OR ARS 102: Art from Renaissance to Modernism (HU & H)	3	C	<ul style="list-style-type: none"> <li>• Join a <b>student club</b> or professional organization</li> <li>• By the end of Term 2, students should complete one course from ART 110 or ART 111; one course from ART 114 or ART 108; one course from ART 113 or ART 107; and one course from ART 115 or ART 109.</li> </ul>
<i>Complete 2 courses:</i> ART 110: Drawing as Seeing and Thinking (HU) or ART 111: Foundation Drawing OR ART 114: Expanded Arts Studio or ART 108: Digital Literacy for the Arts (CS) OR ART 113: Pictorial Investigations and Color Theory or ART 107: Photography as Experience OR ART 109: Making as Seeing and Thinking	6	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		
Term 3 31 - 47 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ARS 201: Art of Asia (HU & H & G) OR ARS 202: Art of Africa, Oceania, and the Americas (HU & H & G)	3	C	<ul style="list-style-type: none"> <li>• Develop your <b>skills</b>.</li> </ul>
<i>Complete 2 courses:</i>			

ARA OR ART Elective	6	C
Literacy and Critical Inquiry (L)	3	
Natural Science - Quantitative (SQ)	4	
❖ Complete Mathematics (MA) requirement.		
Complete First-Year Composition requirement.		
Term hours subtotal:	16	

Term 4 47 - 63 Credit Hours Critical course signified by ❖	Hours	Minimum Grade	Notes
❖ Complete 2 courses: ARA OR ART Elective	6	C	<ul style="list-style-type: none"> <li>• Create a first draft <b>resume</b></li> <li>• Explore an <b>internship</b></li> </ul>
ARA 240: Encounters with Contemporary Art OR ARA 195: Art in My World (HU)	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ARA OR ART Elective	3	C	<ul style="list-style-type: none"> <li>• Art Elective course cannot be ARA 311.</li> <li>• Work with academic advisor to develop performing arts and history of performance and related studies coursework plan.</li> <li>• Use Handshake to research <b>employment opportunities</b>.</li> </ul>
Upper Division Related Studies Elective	3	C	
ARS Upper Division Elective AND Upper Division Humanities, Arts and Design (HU)	3	C	
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ARA 396: Professional Practices for Design and the Arts	3	C	<ul style="list-style-type: none"> <li>• Art Upper Division Elective course cannot be ARA 311 or ARS 300.</li> <li>• Elective can be replaced with an internship (ART 484).</li> <li>• Students may take ARA 396 in a different term if needed.</li> </ul>
Complete 2 courses: Upper Division Related Studies Elective	6	C	
ARA OR ART Upper Division Elective	3	C	
Upper Division Elective OR ART 484: Internship	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ARA OR ART Upper Division Elective	3	C	<ul style="list-style-type: none"> <li>• Art Upper Division Elective course cannot be ARA 311 or ARS 300.</li> <li>• Gather <b>professional references</b>.</li> </ul>
Complete 2 courses: Upper Division Related Studies Elective	6	C	
ARS Upper Division Elective	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Complete 2 courses: ARA OR ART Upper Division Elective	6	C	

Complete 2 courses: 6  
 Upper Division Elective

Term hours subtotal: 12

- Art Upper Division Elective course cannot be ARA 311 or ARS 300.
- Apply for full-time **career opportunities**.

Hide Course List(s)/Track Group(s)

Upper Division Related Studies Electives

Choose a course related to art outside of the School of Art from the options below:

AFR Upper Division Elective

AIS Upper Division Elective

AME Upper Division Elective

APA Upper Division Elective

APH Upper Division Elective

ASB Upper Division Elective

DCE Upper Division Elective

FMS Upper Division Elective

GIT Upper Division Elective

GRA Upper Division Elective

HST Upper Division Elective

IAP Upper Division Elective

MUS Upper Division Elective

REL Upper Division Elective

TCL Upper Division Elective

THE Upper Division Elective

WST Upper Division Elective

Upper Division Humanities, Arts and Design (HU)

Upper Division Literacy and Critical Inquiry (L)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for**  
**Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.





## 2023 - 2024 Major Map

### Art (Art Studies), BA

School/College: [Herberger Institute for Design and the Arts](#)

Location: [Online ASU Local](#)

FAARTSTDBA

Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ART 107: Photography as Experience OR ART 108: Digital Literacy for the Arts (CS) OR ART 109: Making as Seeing and Thinking OR ART 110: Drawing as Seeing and Thinking (HU)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students</li> </ul>
ASU 101-HDA: The ASU Experience	1	C	
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		
Term 1 - B 7 - 13 Credit Hours	Hours	Minimum Grade	Notes
ART 107: Photography as Experience OR ART 108: Digital Literacy for the Arts (CS) OR ART 109: Making as Seeing and Thinking OR ART 110: Drawing as Seeing and Thinking (HU)	3	C	<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> <li>Select your <a href="#">Career Interest Communities</a> and play <a href="mailto:me3@asu">me3@ASU</a>.</li> </ul>
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	6		
Term 2 - A 13 - 19 Credit Hours	Hours	Minimum Grade	Notes
ART 107: Photography as Experience OR ART 108: Digital Literacy for the Arts (CS) OR ART 109: Making as Seeing and Thinking OR ART 110: Drawing as Seeing and Thinking (HU)	3	C	
Mathematics (MA) ( MAT 142 recommended)	3		
Term hours subtotal:	6		
Term 2 - B 19 - 25 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ART 107: Photography as Experience OR ART 108: Digital Literacy for the Arts (CS) OR ART 109: Making as Seeing and Thinking OR ART 110: Drawing as Seeing and Thinking (HU)	3	C	<ul style="list-style-type: none"> <li>Career planning tip: Think about joining a <a href="#">club</a> or civic group in your area of career interest.</li> </ul>
Social-Behavioral Sciences (SB)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	6		



Term 3 - A 25 - 31 Credit Hours	Hours	Minimum Grade	Notes
ARS 101: Art from Prehistory Through Middle Ages (HU & H) OR ARS 102: Art from Renaissance to Modernism (HU & H)	3	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	6		
Term 3 - B 31 - 37 Credit Hours Critical course signified by ⚠	Hours	Minimum Grade	Notes
ARS 201: Art of Asia (HU & H & G) OR ARS 202: Art of Africa, Oceania, and the Americas (HU & H & G)	3	C	• Career steps: <b>Shadow</b> someone in the job/career you are considering.
ARA OR ART Elective	3	C	
⚠ Complete Mathematics (MA) requirement.			
Term hours subtotal:	6		
Term 4 - A 37 - 43 Credit Hours Critical course signified by ⚠	Hours	Minimum Grade	Notes
⚠ ARA OR ART Elective	3	C	
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	6		
Term 4 - B 43 - 50 Credit Hours	Hours	Minimum Grade	Notes
ARA OR ART Elective	3	C	• Career tip: Gather documentation of your past work for a future portfolio. Explore <b>internship</b> opportunities in your area.
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	7		
Term 5 - A 50 - 56 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ARA OR ART Elective	3	C	
ARA OR ART Elective	3	C	
Term hours subtotal:	6		
Term 5 - B 56 - 63 Credit Hours	Hours	Minimum Grade	Notes
ARA OR ART Elective	3	C	• Visit <b>Career Services</b> for career advising, webinars, career postings and a Career Guide.
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	7		
Term 6 - A 63 - 69 Credit Hours	Hours	Minimum Grade	Notes
ARA 195: Art in My World (HU)	3	C	
ARS Upper Division Elective AND Upper Division Humanities, Arts and Design (HU)	3	C	
Term hours subtotal:	6		
Term 6 - B 69 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
Upper Division Related Studies Elective	3	C	
ARA OR ART Upper Division Elective	3	C	

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 6

Term 7 - A 75 - 81 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Related Studies Elective	3	C	• Visit <a href="#">Career Services</a> for career advising, webinars, career postings and a Career Guide.
ARS Upper Division Elective	3	C	
Term hours subtotal:	6		

Term 7 - B 81 - 87 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Related Studies Elective	3	C	
Elective	3		
Term hours subtotal:	6		

Term 8 - A 87 - 93 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ARA OR ART Upper Division Elective	3	C	• Gather <a href="#">professional references</a> .
Upper Division Related Studies Elective	3	C	
Term hours subtotal:	6		

Term 8 - B 93 - 99 Credit Hours	Hours	Minimum Grade	Notes
ARA OR ART Upper Division Elective	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		

Term 9 - A 99 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ARA OR ART Upper Division Elective	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	6		

Term 9 - B 105 - 111 Credit Hours	Hours	Minimum Grade	Notes
ARA 396: Professional Practices for Design and the Arts	3	C	• Students may take ARA 396 in a different term if needed.
Elective	3		
Term hours subtotal:	6		

Term 10 - A 111 - 117 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Related Studies Elective	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		

Term 10 - B 117 - 120 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Elective	3		
Term hours subtotal:	3		

Hide Course List(s)/Track Group(s)

Upper Division Related Studies Electives

Choose a course related to art outside of the School of Art from the options below:

AFR Upper Division Elective

AIS Upper Division Elective

AME Upper Division Elective

APA Upper Division Elective

APH Upper Division Elective

ASB Upper Division Elective

DCE Upper Division Elective

FMS Upper Division Elective

GIT Upper Division Elective

GRA Upper Division Elective

HST Upper Division Elective

IAP Upper Division Elective

MUS Upper Division Elective

REL Upper Division Elective

TCL Upper Division Elective

THE Upper Division Elective

WST Upper Division Elective

Upper Division Humanities, Arts and Design (HU)

Upper Division Literacy and Critical Inquiry (L)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.





## 2023 - 2024 Major Map




### Art (Ceramics), BFA




School/College: Herberger Institute for Design and the Arts

Location: Tempe

FAARTCBFA

Term 1 0 - 16 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ARA 101: ASU: The Art Experience	1	C	<ul style="list-style-type: none"> <li>• ARA 101 ASU: The Art Experience is required of all first-year art majors only.</li> <li>• Select your <b>Career Interest Communities</b> and play me3@ASU.</li> </ul>
 ART 115: 3D Design	3	C	
 ART 116: Introduction to Digital Media OR ART 113: Pictorial Investigations and Color Theory	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Mathematics (MA)	3		
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	16		

Term 2 16 - 31 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ART 261: Ceramic Survey	3	C	<ul style="list-style-type: none"> <li>• Join a <b>student club</b> or professional organization.</li> </ul>
ART 111: Foundation Drawing	3	C	
ARS 101: Art from Prehistory Through Middle Ages (HU & H) OR ARS 102: Art from Renaissance to Modernism (HU & H)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		

Term 3 31 - 47 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 2D Art Course	3	C	<ul style="list-style-type: none"> <li>• Develop your <b>skills</b></li> </ul>
ART 113: Pictorial Investigations and Color Theory OR ART 114: Expanded Arts Studio	3	C	
ARS 201: Art of Asia (HU & H & G) OR ARS 202: Art of Africa, Oceania, and the Americas (HU & H & G)	3	C	
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ)	4		
 Complete Mathematics (MA) requirement.			

Complete First-Year Composition requirement.

Term hours subtotal: 16

Term 4 47 - 63 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
⚠ 2D or 3D Art Course	3	C	<ul style="list-style-type: none"> <li>• ARA 240: Encounters with Contemporary Art is required for BFA majors.</li> <li>• Gather documentation of your past work for future portfolio.</li> <li>• Explore <b>internships</b>.</li> </ul>
⚠ 3D Art Course	3	C	
ARA 240: Encounters with Contemporary Art	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ ART 360: Ceramic Throwing	3	C	<ul style="list-style-type: none"> <li>• Students must complete six hours of upper division ARS coursework (not from ARS 300); must include one Asian/African/Native Am./Latin Am. Focus course and one Modern or Contemporary Focus course.</li> <li>• Use Handshake to research <b>employment opportunities</b>.</li> </ul>
ART 460: Ceramic Clay	3	C	
Upper Division Art History Modern Focus	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Elective	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
ART 364: Ceramic Handbuilding I	3	C	<ul style="list-style-type: none"> <li>• ART 460 is only offered during odd numbered Fall semesters; ART 463 is only offered during even numbered Spring semesters. Please meet with an academic advisor for scheduling information.</li> <li>• Art Elective course cannot be ARA 311, ARS 100 or ARS 300.</li> </ul>
ART 463: Ceramic Glaze Research	3	C	
Upper Division Art History Asian/African/Native Am./Latin Am. Focus	3	C	
ARA OR ARE OR ARS OR ART OR FSH Elective	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ ARA 396: Professional Practices for Design and the Arts	3	C	<ul style="list-style-type: none"> <li>• Art Upper Division Elective courses cannot be ARA 311 or ARS 300.</li> <li>• Gather <b>professional references</b>.</li> </ul>
★ Complete 2 courses: Upper Division Ceramics Art Elective	6	C	
ARA OR ARE OR ARS OR ART OR FSH Upper Division Elective	3	C	
Elective OR ART 484: Internship	3		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ ART 482: Senior Exhibitions/Portfolio	3	C	<ul style="list-style-type: none"> <li>• Art Upper Division Elective courses cannot be ARA 311 or ARS 300.</li> <li>• Complete ART 482 Senior Exhibitions/Portfolio and finalize your portfolio.</li> </ul>
Upper Division Ceramics Art Elective	3	C	
Complete 2 courses: ARA OR ARE OR ARS OR ART OR FSH Upper Division Elective	6	C	

Term hours subtotal: 12

Hide Course List(s)/Track Group(s)

2D Art Course	3D Art Course	2D or 3D Art Course
ART 121: Introduction to Photography I	ART 216: Contemporary Art in Practice: Methods, Making, Meaning	ART 121: Introduction to Photography I
ART 122: Introduction to Photography II	ART 218: 3D Tools	ART 122: Introduction to Photography II
ART 203: Photography: Material Studies I	ART 231: Sculpture I	ART 203: Photography: Material Studies I
ART 206: Digital Photography I	ART 235: 3D Tools for Sculptors	ART 206: Digital Photography I
ART 207: Digital Photography II	ART 272: Introduction to Metals and Jewelry	ART 207: Digital Photography II
ART 208: View Camera Photography	ART 274: Wood I	ART 208: View Camera Photography
ART 211: Drawing	ART 276: Introduction to Textiles	ART 211: Drawing
ART 214: Figure Drawing		ART 214: Figure Drawing
ART 215: Photography: Digital Compositing		ART 215: Photography: Digital Compositing
ART 217: Introduction to Computer Animation		ART 216: Contemporary Art in Practice: Methods, Making, Meaning
ART 223: Painting		ART 217: Introduction to Computer Animation
ART 227: Watercolor		ART 218: 3D Tools
ART 253: Introduction to Printmaking		ART 223: Painting
		ART 227: Watercolor
		ART 231: Sculpture I
		ART 235: 3D Tools for Sculptors
		ART 253: Introduction to Printmaking
		ART 272: Introduction to Metals and Jewelry
		ART 274: Wood I
		ART 276: Introduction to Textiles
Upper Division Ceramics Art Elective	Upper Division Art History Asian/African/Native Am./Latin Am. Focus	Upper Division Art History Modern Focus
ART 365: Ceramic Handbuilding II	ARS 362: Survey of Aztec, Maya and Inka Art (HU)	ARS 330: The Portrait (HU)
ART 394: Altered Vessels	ARS 369: Mexican Art (HU)	ARS 340: Art in America (HU & H)
ART 394: Ceramics	ARS 394: Anime	ARS 345: Art and Television
ART 394: Slipcasting	ARS 394: Islamic Art	ARS 370: The Art of the Comic
ART 494: Advanced Slipcasting	ARS 394: Art of India and South Asia	ARS 394: Anime
ART 494: Art and Science	ARS 394: Modern and Contemporary Chinese Art	ARS 394: Modern and Contemporary Chinese Art
ART 494: Ceramic Design	ARS 402: Art of Ancient Egypt (HU & H)	ARS 438: Art of the 20th Century I (HU & H)
ART 494: Ceramic Tableware Design		

ART 494: China Painting

ARS 403: Art of the Aztec Empire	ARS 439: Art of the 20th Century II (HU & H)
ARS 472: Art of China (HU)	ARS 440: Identity and World Film (C)
ARS 473: Art of Japan (HU)	ARS 441: Public Art
ARS 475: Chinese Painting (HU)	ARS 445: History of Animation
ARS 494: Buddhist Art	ARS 460: Art Now
ARS 498: Contemporary Art of Asia (L)	ARS 485: Women in the Visual Arts (L)
ARS 498: Contemporary Art of Southeast Asia (L)	ARS 494: Contemporary Indigenous Art & Museums
ARS 494: Contemporary Indigenous Art & Museums	ARS 494: Identity Politics & Exhibitions
ARS 494: Histories of African Art and Visual Culture	ARS 494: Modern & Contemporary Latin American Art: A Survey
ARS 498: Modern & Contemporary Art of India and South Asia (L)	ARS 494: Transformative Exhibitions Since the 1990s
ARS 494: Modern & Contemporary Latin American Art: A Survey	ARS 498: Contemporary Art of Asia (L)
	ARS 498: Contemporary Art of Southeast Asia (L)
	ARS 498: Modern & Contemporary Art of India and South Asia (L)
	ARS 498: Theories of Modern Sculpture (L)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)



## First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.





## 2023 - 2024 Major Map

### Art (Digital Photography), BFA



School/College: [Herberger Institute for Design and the Arts](#)

Location: [Online ASU Local](#)



HIARTDPBFA



Term 1 - A 0 - 7 Credit Hours	Hours	Minimum Grade	Notes
ART 206: Digital Photography I	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students</li> </ul>
HDA 101: ASU and Herberger Institute Experience	1	C	
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		
Term 1 - B 7 - 13 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ART 207: Digital Photography II	3	C	<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> <li>Select your <b>Career Interest Communities</b> and play <a href="#">me3@ASU</a>.</li> </ul>
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
 Complete ART 206 course(s).			
Term hours subtotal:	6		
Term 2 - A 13 - 19 Credit Hours	Hours	Minimum Grade	Notes
ARS 101: Art from Prehistory Through Middle Ages (HU & H) OR ARS 102: Art from Renaissance to Modernism (HU & H)	3	C	
Mathematics (MA) ( MAT 142 recommended)	3		
Term hours subtotal:	6		
Term 2 - B 19 - 25 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ARS 101: Art from Prehistory Through Middle Ages (HU & H) OR ARS 102: Art from Renaissance to Modernism (HU & H)	3	C	<ul style="list-style-type: none"> <li>Career planning tip: Think about joining a <b>club</b> or civic group in your area of career interest.</li> </ul>
Elective	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	6		
Term 3 - A 25 - 31 Credit Hours	Hours	Minimum Grade	Notes
ARS 250: History of Photography (HU)	3	C	



Computer/Statistics/Quantitative Applications (CS)	3
Term hours subtotal:	6

Term 3 - B 31 - 37 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ARS 201: Art of Asia (HU & H & G) OR ARS 202: Art of Africa, Oceania, and the Americas (HU & H & G)	3	C	<ul style="list-style-type: none"> <li>Career steps: <b>Shadow</b> someone in the job/career you are considering.</li> </ul>
ART 116: Introduction to Digital Media	3	C	
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	6		

Term 4 - A 37 - 43 Credit Hours	Hours	Minimum Grade	Notes
ARA 209: Photography Now	3	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	6		

Term 4 - B 43 - 50 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
Natural Science - Quantitative (SQ)	4		<ul style="list-style-type: none"> <li>For elective - recommend ART 294: Light and Truth in Photography</li> <li>Career tip: Gather documentation of your past work for a future portfolio. Explore <b>internship</b> opportunities in your area.</li> </ul>
Elective	3		
 Complete ARS 101 AND ARS 102 course(s).			
Term hours subtotal:	7		

Term 5 - A 50 - 56 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 ART 317: Advanced Digital Photography	3	C	
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	6		

Term 5 - B 56 - 62 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 Upper Division Photography Elective	3	C	<ul style="list-style-type: none"> <li>Visit <b>Career Services</b> for career advising, webinars, career postings and a Career Guide.</li> <li>The following four courses may be taken twice for credit: ART 302, ART 400, ART 402, ART 406.</li> </ul>
Elective	3		
Term hours subtotal:	6		

Term 6 - A 62 - 69 Credit Hours	Hours	Minimum Grade	Notes
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Elective	3		
Term hours subtotal:	7		

Term 6 - B 69 - 75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
Upper Division Related Area	3	C	
Upper Division Elective	3		

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 6

Term 7 - A 75 - 81 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ Upper Division Photography Elective OR Upper Division Photography Research Topic	3	C	<ul style="list-style-type: none"> <li>• Visit <a href="#">Career Services</a> for career advising, webinars, career postings and a Career Guide.</li> <li>• The following four courses may be taken twice for credit: ART 302, ART 400, ART 402, ART 406.</li> </ul>
Upper Division Related Area	3	C	
Term hours subtotal:	6		

Term 7 - B 81 - 87 Credit Hours	Hours	Minimum Grade	Notes
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Upper Division Photography Elective OR Upper Division Photography Research Topic	3	C	<ul style="list-style-type: none"> <li>• The following four courses may be taken twice for credit: ART 302, ART 400, ART 402, ART 406.</li> </ul>
Elective	3		
Term hours subtotal:	6		

Term 8 - A 87 - 93 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ Upper Division Photography Elective	3	C	<ul style="list-style-type: none"> <li>• Gather <a href="#">professional references</a>.</li> <li>• The following four courses may be taken twice for credit: ART 302, ART 400, ART 402, ART 406.</li> </ul>
Elective	3		
Term hours subtotal:	6		

Term 8 - B 93 - 99 Credit Hours	Hours	Minimum Grade	Notes
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Upper Division ARS Modern Focus	3	C
Literacy and Critical Inquiry (L)	3	
Term hours subtotal:	6	

Term 9 - A 99 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ Upper Division Photography Elective	3	C	<ul style="list-style-type: none"> <li>• The following four courses may be taken twice for credit: ART 302, ART 400, ART 402, ART 406.</li> <li>• Begin planning for your Photography Capstone by talking with your faculty.</li> </ul>
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) (MCO 450 recommended)	3		
Term hours subtotal:	6		

Term 9 - B 105 - 111 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ Upper Division Photography Elective	3	C	<ul style="list-style-type: none"> <li>• The following four courses may be taken twice for credit: ART 302, ART 400, ART 402, ART 406.</li> <li>• Recommend ART 394 Photography Capstone Development Elective</li> </ul>
Upper Division Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	6		

Term 10 - A 111 - 117 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ ART 407: Digital Photography Capstone	3	C
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Upper Division Related Area 3 C

Term hours subtotal: 6

Term 10 - B 117 - 120 Credit Hours	Hours	Minimum Grade	Notes
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Elective 3

Term hours subtotal: 3

Hide Course List(s)/Track Group(s)

Upper Division Photography Elective	Upper Division Photography Research Topics	Upper Division Related Area Course
ART 302: The Still and Moving Image: Digital Photography and Video	ART 394: Art and Activism	ARA 396: Professional Practices for Design and the Arts
ART 319: Photo Editing: Narrative/Non-Narrative	ART 394: Death and Photography	ART 446: On Walking
ART 394: Art and Activism	ART 394: Identity & Representation in Photography	ARA 489: Writing Art and Design Criticism (L)
ART 394: Death and Photography	ART 394: Photo Topics: Photography and Sustainability	FMS 351: Emerging Digital Media
ART 394: Experimental Photo Processes	ART 394: Sick Pictures: Photography and Illness	MCO 307: The Digital Audience
ART 394: Identity & Representation in Photography		MCO 335: Social Media Foundations
ART 394: Photography Capstone Development		MCO 425: Digital Media Literacy I
ART 394: Photo Topics: Photography and Sustainability		MCO 450: Visual Communication (HU)
ART 394: Sick Pictures: Photography and Illness		MCO 460: Race, Gender, and Media (C)
ART 400: The Photobook		MCO 473: Sex, Love, and Romance in the Mass Media (SB)
ART 401: Traditional Genres in Digital Photography: Land and Place		
ART 402: Traditional Genres in Digital Photography: Photographing People		
ART 405: Traditional Genres in Digital Photography: The Constructed Image		
ART 406: New Genres in Digital Photography		
ART 412: Advanced Techniques in Digital Photography		
ART 494: Art and Censorship		
Upper Division ARS Modern Focus		
ARS 330: The Portrait (HU)		
ARS 340: Art in America (HU & H)		
ARS 345: Art and Television		
ARS 370: The Art of the Comic		

ARS 394: Anime

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ARS 394: Modern and Contemporary Chinese Art

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ARS 438: Art of the 20th Century I (HU & H)

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ARS 445: History of Animation

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**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

## 2023 - 2024 Major Map









### Art (Expanded Arts), BFA

School/College: Herberger Institute for Design and the Arts

Location: Tempe

FAARTIBFA

This program's name has changed effective Fall 2023. The previous name was Art (Intermedia).

Term 1 0 - 16 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ARA 101: ASU: The Art Experience	1	C	<ul style="list-style-type: none"> <li>• ARA 101 ASU: The Art Experience is required of all first-year art majors only.</li> <li>• Select your <b>career interest communities</b> and play <b>me3@ASU</b>.</li> </ul>
 ART 113: Pictorial Investigations and Color Theory OR ART 115: 3D Design	3	C	
ART 114: Expanded Arts Studio or ART 116: Introduction to Digital Media	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Mathematics (MA)	3		
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	16		
Term 2 16 - 31 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
ART 111: Foundation Drawing OR ART 113: Pictorial Investigations and Color Theory	3	C	<ul style="list-style-type: none"> <li>• Join a <b>student club</b> or professional organization.</li> </ul>
ART 114: Expanded Arts Studio or ART 116: Introduction to Digital Media	3	C	
ARS 101: Art from Prehistory Through Middle Ages (HU & H) OR ARS 102: Art from Renaissance to Modernism (HU & H)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		
Term 3 31 - 47 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ART 216: Contemporary Art in Practice: Methods, Making, Meaning	3	C	<ul style="list-style-type: none"> <li>• ART 216 recommended to be completed by Term 3.</li> </ul>
 2D Art Course	3	C	

ARS 201: Art of Asia (HU & H & G) OR ARS 202: Art of Africa, Oceania, and the Americas (HU & H & G)	3	C
Literacy and Critical Inquiry (L)	3	
Natural Science - Quantitative (SQ)	4	
❖ Complete Mathematics (MA) requirement.		
Complete First-Year Composition requirement.		
Term hours subtotal:	16	

Term 4 47 - 63 Credit Hours Critical course signified by ❖	Hours	Minimum Grade	Notes
❖ 2D or 3D Art Course	3	C	<ul style="list-style-type: none"> <li>• ARA 240: Encounters with Contemporary Art is required for BFA majors.</li> <li>• Gather documentation of your past work for your future portfolio.</li> <li>• Explore an <b>internship</b>.</li> </ul>
❖ 3D Art Course	3	C	
ARA 240: Encounters with Contemporary Art	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ARA 330: Issues in Expanded Arts	3	C	<ul style="list-style-type: none"> <li>• ARS Upper Division Elective cannot be ARS 300.</li> <li>• Art Upper Division Elective course cannot be ARA 311 or ARS 300.</li> <li>• Use Handshake to research <b>employment opportunities</b>.</li> </ul>
Upper Division Intermedia Elective	3	C	
ARS Upper Division Elective AND Upper Division Humanities, Arts and Design (HU)	3	C	
ARA OR ARE OR ARS OR ART OR FSH Upper Division Elective	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ARA 396: Professional Practices for Design and the Arts	3	C	<ul style="list-style-type: none"> <li>• ART 439: Intermedia Studio is only offered in the spring semester.</li> </ul>
★ ART 439: Studio Inquiry: Practice and Cultural Context	3	C	
ART 440: Experimental Video Art OR ART 444: Short Subject: Documentary Video	3	C	
Upper Division Art History Modern Focus	3	C	
Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) OR course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ART 443: Performance Art: Actions, Gestures, Journeys	3	C	<ul style="list-style-type: none"> <li>• ARS Upper Division Elective cannot be ARS 300.</li> <li>• Art Upper Division Elective course cannot be ARA 311 or ARS 300.</li> <li>• Gather <b>professional references</b>.</li> </ul>
Upper Division Art History Asian/African/Native Am./Latin Am. Focus	3	C	
Complete 2 courses:	6	C	
Upper Division Intermedia Elective			
Elective OR ART 484: Internship	3		
Term hours subtotal:	15		



Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ART 482: Senior Exhibitions/Portfolio	3	C	• Complete ART 482: Senior Exhibitions/Portfolio and finalize portfolio.
Upper Division Intermedia Elective	3	C	
ARA OR ARE OR ARS OR ART OR FSH Upper Division Elective	3	C	
ARA OR ARE OR ARS OR ART OR FSH Elective	1	C	
Elective	2		
Term hours subtotal:	12		

- Students must complete 9 hours of ARS coursework (not from ARS 100 or 300); these must include 6 upper division hours, one Asian/African/Native Am./Latin Am. Focus course, and one 20th Century Focus course. If students take a lower division Asian/African/Native Am./Latin Am. Focus course, the 20th Century Focus course and elective must be upper division and one must include an HU general studies designation.

Hide Course List(s)/Track Group(s)

2D Art Course	3D Art Course	2D or 3D Art Course
ART 121: Introduction to Photography I	ART 218: 3D Tools	ART 121: Introduction to Photography I
ART 122: Introduction to Photography II	ART 231: Sculpture I	ART 122: Introduction to Photography II
ART 203: Photography: Material Studies I	ART 235: 3D Tools for Sculptors	ART 203: Photography: Material Studies I
ART 206: Digital Photography I	ART 261: Ceramic Survey	ART 206: Digital Photography I
ART 207: Digital Photography II	ART 272: Introduction to Metals and Jewelry	ART 207: Digital Photography II
ART 208: View Camera Photography	ART 274: Wood I	ART 208: View Camera Photography
ART 211: Drawing	ART 276: Introduction to Textiles	ART 211: Drawing
ART 214: Figure Drawing		ART 214: Figure Drawing
ART 215: Photography: Digital Compositing		ART 215: Photography: Digital Compositing
ART 217: Introduction to Computer Animation		ART 217: Introduction to Computer Animation
ART 223: Painting		ART 218: 3D Tools
ART 227: Watercolor		ART 223: Painting
ART 253: Introduction to Printmaking		ART 227: Watercolor
		ART 231: Sculpture I
		ART 235: 3D Tools for Sculptors
		ART 253: Introduction to Printmaking
		ART 261: Ceramic Survey
		ART 272: Introduction to Metals and Jewelry
		ART 274: Wood I
		ART 276: Introduction to Textiles
Upper Division Intermedia Elective		Upper Division Art History Modern Focus

ART 308: 2D Digital Animation I	Upper Division Art History Asian/African/Native Am./Latin Am. Focus	ARS 330: The Portrait (HU)
ART 312: Illustration		ARS 340: Art in America (HU & H)
ART 346: 3D Computer Imaging and Animation (CS)	ARS 362: Survey of Aztec, Maya and Inka Art (HU)	ARS 345: Art and Television
ART 348: Animation Motion Studies	ARS 369: Mexican Art (HU)	ARS 370: The Art of the Comic
ART 378: Digital Textiles	ARS 394: Anime	ARS 394: Anime
ART 417: Storyboarding and Narrative Sequencing	ARS 394: Islamic Art	ARS 394: Modern and Contemporary Chinese Art
ART 424: Stop Motion Animation	ARS 394: Art of India and South Asia	ARS 438: Art of the 20th Century I (HU & H)
ART 440: Experimental Video Art	ARS 394: Modern and Contemporary Chinese Art	ARS 439: Art of the 20th Century II (HU & H)
ART 442: Art and Community	ARS 402: Art of Ancient Egypt (HU & H)	ARS 440: Identity and World Film (C)
ART 444: Short Subject: Documentary Video	ARS 403: Art of the Aztec Empire	ARS 441: Public Art
ART 494: Art and Science	ARS 472: Art of China (HU)	ARS 445: History of Animation
ART 494: Time, Narrative & the Multiple	ARS 473: Art of Japan (HU)	ARS 460: Art Now
ART 494: Visual Prototyping	ARS 475: Chinese Painting (HU)	ARS 485: Women in the Visual Arts (L)
ART 494: Women/Art/Technology	ARS 494: Buddhist Art	ARS 494: Contemporary Indigenous Art & Museums
ART 499: Individualized Instruction	ARS 498: Contemporary Art of Asia (L)	ARS 494: Identity Politics & Exhibitions
	ARS 498: Contemporary Art of Southeast Asia (L)	ARS 494: Modern & Contemporary Latin American Art: A Survey
	ARS 494: Contemporary Indigenous Art & Museums	ARS 494: Transformative Exhibitions Since the 1990s
	ARS 494: Histories of African Art and Visual Culture	ARS 498: Contemporary Art of Asia (L)
	ARS 498: Modern & Contemporary Art of India and South Asia (L)	ARS 498: Contemporary Art of Southeast Asia (L)
	ARS 494: Modern & Contemporary Latin American Art: A Survey	ARS 498: Modern & Contemporary Art of India and South Asia (L)
		ARS 498: Theories of Modern Sculpture (L)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.







## 2023 - 2024 Major Map

### Art (Museum Studies), BA

School/College: [Herberger Institute for Design and the Arts](#)


Location: [Tempe](#)

FAARTMSBA

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ARA 101: ASU: The Art Experience	1	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students</li> <li>For the Museum and Heritage Studies Core, take ARS 120 and ARS 121</li> <li>Select your <b>career interest communities</b> and play <b>me3@ASU</b>.</li> </ul>
<i>Complete 2 courses:</i> Museum and Heritage Studies Core	6	C	
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
Mathematics (MA)	3		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	16		
Term 2 16 - 31 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
<i>Complete 2 courses:</i> Museum and Heritage Studies Core	6	C	<ul style="list-style-type: none"> <li>For the Museum and Heritage Studies Core, take ARS 221 and ARS 494 Museum &amp; Heritage Careers</li> <li>Join a <b>student club</b> or professional organization.</li> </ul>
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s). Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	15		
Term 3 31 - 47 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
Museum and Heritage Studies Core	3	C	<ul style="list-style-type: none"> <li>Develop your <b>skills</b>.</li> </ul>
Museum and Heritage Studies Focus Course	3	C	
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ)	4		
Elective	3		
 Complete Mathematics (MA) requirement.			

Minimum 3.00 GPA ASU Cumulative.

Term hours subtotal: 16

Term 4 47 - 63 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
<b>Complete 2 courses:</b>			
Museum and Heritage Studies Focus Course	6	C	<ul style="list-style-type: none"> <li>• Create a first draft <b>resume</b>.</li> <li>• Explore an <b>internship</b>.</li> </ul>
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Elective	3		
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
<b>Upper Division Museum and Heritage Studies Focus Course</b>	3	C	<ul style="list-style-type: none"> <li>• Use Handshake to research <b>employment opportunities</b>.</li> </ul>
<b>Complete 2 courses:</b>			
Upper Division Museum and Heritage Studies Elective	6	C	
Humanities, Arts and Design (HU)	3		
Upper Division Elective	3		
Term hours subtotal:	15		

Term 6 78 - 90 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
Upper Division Museum and Heritage Studies Focus Course	3	C	<ul style="list-style-type: none"> <li>• Museum Studies students should speak with the internship coordinator, Dr. Betsy Fahlman, regarding internship opportunities.</li> </ul>
<b>Complete 2 courses:</b>			
Upper Division Museum and Heritage Studies Elective	6	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
<b>Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).</b>			
Term hours subtotal:	12		

Term 7 90 - 105 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
<b>Upper Division Museum and Heritage Studies Focus Course</b>	3	C	<ul style="list-style-type: none"> <li>• Gather <b>professional references</b>.</li> </ul>
<b>Complete 2 courses:</b>			
Upper Division Museum and Heritage Studies Elective	6	C	
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
<b>ARS 498: Pro-Seminar (L)</b>	3	C	<ul style="list-style-type: none"> <li>• ARS 498 Pro-Seminar: Students will engage in research and a sustained writing project.</li> <li>• Apply for <b>full-time career opportunities</b>.</li> </ul>
Upper Division Museum and Heritage Studies Focus Course	3	C	
Upper Division Museum and Heritage Studies Elective	3	C	
<b>Complete 2 courses:</b>			
Elective	6		
Term hours subtotal:	15		

- Museum and Heritage Studies Focus: Complete 21 credits total between 1-2 of the listed prefixes. These courses provide a range of potentially useful information on museum and heritage studies. All course substitutions must be approved by the School of Art.

Hide Course List(s)/Track Group(s)

Museum and Heritage Studies Core	Upper Division Museum and Heritage Studies Electives	Museum and Heritage Studies Focus
ARS 120: Introduction to Global Museum Studies	AFR 428: Critical Race Theory	ACC 382: Accounting and Financial Analysis
ARS 121: Introduction to Global Heritage Studies	ARA 396: Professional Practices for Design and the Arts	ARS Upper Division Elective
ARS 221: Museum and Heritage Histories, Theories and Debates	ARA 489: Writing Art and Design Criticism (L)	PAF 300: Public Management and Administration
ARS 223: Introduction to Museums and Social Justice	ARS 323: Curatorial Activism	PAF 340: Contemporary Policy Challenges
ARS 494: Museum & Heritage Careers	ARS 438: Art of the 20th Century I (HU & H)	PAF 420: Managing Across Boundaries
	ARS 439: Art of the 20th Century II (HU & H)	TDM 345: Meeting and Convention Planning
	ARS 480: Research Methods (L)	TDM 350: Tourism, Recreation and Sports Marketing
	ARS 484: Internship	TDM 448: Heritage and Cultural Tourism
	ARS 494: Contemporary Indigenous Art & Museums	TDM 458: International Tourism (G)
	ARS 494: Contemporary Issues in Curatorial Practice	
	ARS 494: Curating the Contemporary	
	ARS 494: Decolonizing Museums	
	ARS 494: Identity Politics & Exhibitions	
	ARS 494: Philosophy of Curatorial Practice: 1800-Present	
	ARS 494: Transformative Exhibitions Since the 1990s	
	ASB 350: Anthropology and Art (HU)	
	NLM 310: Volunteer Management	
	SGS 360: Cultural Aspects of Globalization	
	TDM 448: Heritage and Cultural Tourism	

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>

- Mathematics Placement Assessment score determines placement in first mathematics course.
- Museum and Heritage Studies Focus: Complete 21 total credits. These courses provide a range of potentially useful information on museum and heritage studies.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.





## 2023 - 2024 Major Map

### Art (Museum Studies), BA

School/College: Herberger Institute for Design and the Arts

Location: Online ASU Local

FAARTMSBA



Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 Museum and Heritage Studies Core	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>For the Museum and Heritage Studies Core, take ARS 120.</li> </ul>
HDA 101: ASU and Herberger Institute Experience	1	C	
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		
Term 1 - B 7 - 13 Credit Hours	Hours	Minimum Grade	Notes
Museum and Heritage Studies Core	3	C	<ul style="list-style-type: none"> <li>For the Museum and Heritage Studies Core, take ARS 121.</li> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> <li>Play <a href="#">me3@ASU</a>.</li> </ul>
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	6		
Term 2 - A 13 - 19 Credit Hours	Hours	Minimum Grade	Notes
Museum and Heritage Studies Core	3	C	<ul style="list-style-type: none"> <li>For the Museum and Heritage Studies Core, take ARS 494: Museum &amp; Heritage Careers.</li> </ul>
Mathematics (MA) ( MAT 142 recommended)	3		
Term hours subtotal:	6		
Term 2 - B 19 - 25 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
Museum and Heritage Studies Core	3	C	<ul style="list-style-type: none"> <li>For the Museum and Heritage Studies Core, take ARS 221.</li> <li>Think about joining a <b>club</b> or civic group in your area of career interest.</li> </ul>
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	6		
Term 3 - A 25 - 31 Credit Hours	Hours	Minimum Grade	Notes
Museum and Heritage Studies Core	3	C	





Literacy and Critical Inquiry (L) 3

Term hours subtotal: 6



- For the Museum and Heritage Studies Core, take ARS 223.

Term 3 - B 31 - 37 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
Museum and Heritage Studies Focus Course	3	C	• Career steps: <b>Shadow someone</b> in the job/career you are considering.
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	6		



Term 4 - A 37 - 43 Credit Hours	Hours	Minimum Grade	Notes
Museum and Heritage Studies Focus Course	3	C	
Elective	3		
Term hours subtotal:	6		

Term 4 - B 43 - 49 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 Computer/Statistics/Quantitative Applications (CS)	3		• Create a first draft <b>resume</b>
Upper Division Museum and Heritage Studies Elective	3	C	
Term hours subtotal:	6		

Term 5 - A 49 - 56 Credit Hours	Hours	Minimum Grade	Notes
Museum and Heritage Studies Focus Course	3	C	
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	7		

Term 5 - B 56 - 62 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 Upper Division Museum and Heritage Studies Elective	3	C	• <b>Explore internships</b> in your area
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	6		

Term 6 - A 62 - 68 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Museum and Heritage Studies Focus Course	3	C	
Upper Division Museum and Heritage Studies Elective	3	C	
Term hours subtotal:	6		

Term 6 - B 68 - 75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
Upper Division Museum and Heritage Studies Elective	3	C	• Use Handshake to research <b>employment opportunities</b>
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	7		

Term 7 - A 75 - 81 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Museum and Heritage Studies Focus Course	6	C	

Term hours subtotal: 6

Term 7 - B 81 - 87 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Upper Division Museum and Heritage Studies Elective	3	C	
Elective	3		
Term hours subtotal:	6		

Term 8 - A 87 - 93 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Upper Division Museum and Heritage Studies Focus Course	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		

Term 8 - B 93 - 99 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Museum and Heritage Studies Elective	3	C	
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	6		

Term 9 - A 99 - 105 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		• Gather professional references
Upper Division Elective	3		
Term hours subtotal:	6		

Term 9 - B 105 - 111 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Upper Division Museum and Heritage Studies Elective	3	C	• Apply for full-time career opportunities
Elective	3		
Term hours subtotal:	6		

Term 10 - A 111 - 117 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ ARS 498: Pro-Seminar (L)	3	C	• ARS 498 Pro-Seminar: Students will engage in research and a sustained writing project.
Elective	3		
Term hours subtotal:	6		

Term 10 - B 117 - 120 Credit Hours	Hours	Minimum Grade	Notes
Elective	3		
Term hours subtotal:	3		

- Museum and Heritage Studies Focus: Complete 21 credits total between 1-2 of the listed prefixes. These courses provide a range of potentially useful information on museum and heritage studies. All course substitutions must be approved by the School of Art.

Hide Course List(s)/Track Group(s)

Museum and Heritage Studies Core

Museum and Heritage Studies Focus

ARS 120: Introduction to Global Museum Studies	Upper Division Museum and Heritage Studies Electives	ACC 382: Accounting and Financial Analysis ARS Upper Division Elective
ARS 121: Introduction to Global Heritage Studies	AFR 428: Critical Race Theory	PAF 300: Public Management and Administration
ARS 221: Museum and Heritage Histories, Theories and Debates	ARA 396: Professional Practices for Design and the Arts	PAF 340: Contemporary Policy Challenges
ARS 223: Introduction to Museums and Social Justice	ARA 489: Writing Art and Design Criticism (L)	PAF 420: Managing Across Boundaries
ARS 494: Museum & Heritage Careers	ARS 323: Curatorial Activism	TDM 345: Meeting and Convention Planning
	ARS 438: Art of the 20th Century I (HU & H)	TDM 350: Tourism, Recreation and Sports Marketing
	ARS 439: Art of the 20th Century II (HU & H)	TDM 448: Heritage and Cultural Tourism
	ARS 480: Research Methods (L)	TDM 458: International Tourism (G)
	ARS 484: Internship	
	ARS 494: Contemporary Indigenous Art & Museums	
	ARS 494: Contemporary Issues in Curatorial Practice	
	ARS 494: Curating the Contemporary	
	ARS 494: Decolonizing Museums	
	ARS 494: Identity Politics & Exhibitions	
	ARS 494: Philosophy of Curatorial Practice: 1800-Present	
	ARS 494: Transformative Exhibitions Since the 1990s	
	ASB 350: Anthropology and Art (HU)	
	NLM 310: Volunteer Management	
	SGS 360: Cultural Aspects of Globalization	
	TDM 448: Heritage and Cultural Tourism	

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Museum and Heritage Studies Focus: Complete 21 total credits. These courses provide a range of potentially useful information on museum and heritage studies.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**General University Requirements Legend**

General Studies Core Requirements:

**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for**  
**Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.











## 2023 - 2024 Major Map

### Art (Painting and Drawing), BFA

School/College: Herberger Institute for Design and the Arts

Location: Tempe

HIARTPDBFA

Term 1 0 - 16 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ARA 101: ASU: The Art Experience	1	C	<ul style="list-style-type: none"> <li>• ARA 101: The Art Experience is required of all first-year art majors only.</li> <li>• Select your <b>career interest communities</b> and play <b>me3@ASU</b>.</li> </ul>
 ART 111: Foundation Drawing	3	C	
ART 113: Pictorial Investigations and Color Theory	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Mathematics (MA)	3		
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	16		
<b>Term 2 16 - 31 Credit Hours Critical course signified by </b>			
Hours	Minimum Grade	Notes	
 ART 115: 3D Design	3	C	<ul style="list-style-type: none"> <li>• Join a <b>student club</b> or professional organization</li> </ul>
ARS 101: Art from Prehistory Through Middle Ages (HU & H) OR ARS 102: Art from Renaissance to Modernism (HU & H)	3	C	
ART 114: Expanded Arts Studio	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		
<b>Term 3 31 - 47 Credit Hours Critical course signified by </b>			
Hours	Minimum Grade	Notes	
 ART 211: Drawing	3	C	<ul style="list-style-type: none"> <li>• Develop your <b>skills</b>.</li> </ul>
 ART 223: Painting	3	C	
ARS 201: Art of Asia (HU & H & G) OR ARS 202: Art of Africa, Oceania, and the Americas (HU & H & G)	3	C	
ART 108: Digital Literacy for the Arts (CS)	3	C	
Natural Science - Quantitative (SQ)	4		
 Complete Mathematics (MA) requirement.			

Complete First-Year Composition requirement.

Term hours subtotal: 16

Term 4 47 - 63 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
⚠ ART 227: Watercolor OR ART 214: Figure Drawing	3	C	<ul style="list-style-type: none"> <li>Gather documentation of your past work for your future portfolio</li> <li>Explore <b>internships</b></li> <li>2D or 3D Art course - ART253 recommended</li> </ul>
2D or 3D Art Course	3	C	
ARA 240: Encounters with Contemporary Art	3	C	
Literacy and Critical Inquiry (L)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ ART 323: Intermediate Painting	3	C	<ul style="list-style-type: none"> <li>Use Handshake to research <b>employment opportunities</b></li> </ul>
ART 311: Intermediate Drawing	3	C	
Upper Division Art History Modern Focus	3	C	
ARA OR ARE OR ARS OR ART OR FSH Upper Division Elective	3	C	
ARA OR ARE OR ARS OR ART OR FSH Elective	3	C	
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ ARA 396: Professional Practices for Design and the Arts	3	C	
ART 327: Intermediate Watercolor OR ART 325: Figure Painting OR ART 314: Intermediate Figure Drawing	3	C	
Upper Division Art History Asian/African/Native Am./Latin Am. focus	3	C	
Upper Division Drawing/Painting Elective	3	C	
Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ <i>Complete 2 courses:</i>			<ul style="list-style-type: none"> <li>Recommend ARA 489 Writing Art and Design Criticism for Upper Division Literacy</li> <li>Gather <b>professional references</b></li> </ul>
Upper Division Drawing/Painting Elective	6	C	
ART 429: Painting and Drawing Research Studio	3	C	
ARS Upper Division Elective AND Upper Division Humanities, Arts and Design (HU)	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ ART 482: Senior Exhibitions/Portfolio	3	C	<ul style="list-style-type: none"> <li>Complete ART 482: Senior Exhibitions/Portfolio and finalize portfolio</li> </ul>
Upper Division Drawing/Painting Elective	3	C	
ARA OR ARE OR ARS OR ART OR FSH Upper Division Elective	3	C	
Elective OR ART 484: Internship	3		
Term hours subtotal:	12		

- Students must complete nine hours of ARS coursework (not from ARS 100 or 300); must include six hours upper-division, one Asian/African/Native Am./Latin Am. Focus course, and one Modern Focus course. If students take a lower-division Asian/African/Native Am./Latin Am. Focus course, the Modern Focus course and elective must be upper-division and one must include an HU General Studies designation.

Hide Course List(s)/Track Group(s)

2D or 3D Art Course	Upper Division Drawing/Painting Elective	Upper Division Art History Asian/African/Native Am./Latin Am. Focus
ART 121: Introduction to Photography I	ART 314: Intermediate Figure Drawing	ARS 362: Survey of Aztec, Maya and Inka Art (HU)
ART 122: Introduction to Photography II	ART 325: Figure Painting	ARS 369: Mexican Art (HU)
ART 203: Photography: Material Studies I	ART 327: Intermediate Watercolor	ARS 394: Anime
ART 206: Digital Photography I	ART 354: Screen Printing or ART 459: Monoprinting	ARS 394: Islamic Art
ART 207: Digital Photography II	ART 411: Advanced Drawing	ARS 394: Art of India and South Asia
ART 208: View Camera Photography	ART 414: Advanced Figure Drawing	ARS 394: Modern and Contemporary Chinese Art
ART 214: Figure Drawing	ART 423: Advanced Painting	ARS 402: Art of Ancient Egypt (HU & H)
ART 215: Photography: Digital Compositing	ART 425: Intermediate Figure Painting	ARS 403: Art of the Aztec Empire
ART 216: Contemporary Art in Practice: Methods, Making, Meaning	ART 427: Art on Paper	ARS 472: Art of China (HU)
ART 217: Introduction to Computer Animation	ART 494: China Painting	ARS 473: Art of Japan (HU)
ART 218: 3D Tools	ART 494: Color and Sustainable Practice	ARS 475: Chinese Painting (HU)
ART 227: Watercolor	ART 498: Pro-Seminar (L)	ARS 494: Buddhist Art
ART 231: Sculpture I	ART 499: Individualized Instruction	ARS 498: Contemporary Art of Asia (L)
ART 235: 3D Tools for Sculptors		ARS 498: Contemporary Art of Southeast Asia (L)
ART 253: Introduction to Printmaking		ARS 494: Contemporary Indigenous Art & Museums
ART 261: Ceramic Survey		ARS 494: Histories of African Art and Visual Culture
ART 272: Introduction to Metals and Jewelry		ARS 498: Modern & Contemporary Art of India and South Asia (L)
ART 274: Wood I		ARS 494: Modern & Contemporary Latin American Art: A Survey
ART 276: Introduction to Textiles		
<b>Upper Division Art History Modern Focus</b>		
		ARS 330: The Portrait (HU)
		ARS 340: Art in America (HU & H)
		ARS 345: Art and Television
		ARS 370: The Art of the Comic

ARS 394: Anime

ARS 394: Modern and Contemporary Chinese Art

ARS 438: Art of the 20th Century I (HU & H)

ARS 439: Art of the 20th Century II (HU & H)

ARS 440: Identity and World Film (C)

ARS 441: Public Art

ARS 445: History of Animation

ARS 460: Art Now

ARS 485: Women in the Visual Arts (L)

ARS 494: Contemporary Indigenous Art & Museums

ARS 494: Identity Politics & Exhibitions

ARS 494: Modern & Contemporary Latin American Art: A Survey

ARS 494: Transformative Exhibitions Since the 1990s

ARS 498: Contemporary Art of Asia (L)

ARS 498: Contemporary Art of Southeast Asia (L)

ARS 498: Modern & Contemporary Art of India and South Asia (L)

ARS 498: Theories of Modern Sculpture (L)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)



General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.












## 2023 - 2024 Major Map

### Art (Photography), BFA



School/College: Herberger Institute for Design and the Arts



Location: Tempe




FAARTPHBFA

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ARA 101: ASU: The Art Experience	1	C	<ul style="list-style-type: none"> <li>• ARA 101: The Art Experience is required of all first-year art majors only.</li> <li>• Select your <b>career interest communities</b> and play <b>me3@ASU</b>.</li> </ul>
 ART 116: Introduction to Digital Media	3	C	
 ART 121: Introduction to Photography I	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Mathematics (MA)	3		
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	16		
Term 2 16 - 31 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ART 111: Foundation Drawing OR ART 115: 3D Design	3	C	<ul style="list-style-type: none"> <li>• Join a <b>student club</b> or professional organization.</li> </ul>
 ART 122: Introduction to Photography II	3	C	
ARS 101: Art from Prehistory Through Middle Ages (HU & H) OR ARS 102: Art from Renaissance to Modernism (HU & H)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		
Term 3 31 - 47 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ART 114: Expanded Arts Studio OR ART 115: 3D Design	3	C	<ul style="list-style-type: none"> <li>• Develop your <b>skills</b>.</li> </ul>
ARS 201: Art of Asia (HU & H & G) OR ARS 202: Art of Africa, Oceania, and the Americas (HU & H & G)	3	C	
Lower Division Photography Elective	3	C	
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ)	4		
 Complete Mathematics (MA) requirement.			



Term hours subtotal: 16

Term 4 47 - 62 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ARA 240: Encounters with Contemporary Art	3	C	<ul style="list-style-type: none"> <li>Gather documentation of your past work for your professional portfolio.</li> <li>Explore <b>internships</b>.</li> </ul>
3D Art Course	3	C	
ARS 250: History of Photography (HU)	3	C	
Lower Division Photography Elective	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Term hours subtotal:	15		

Term 5 62 - 78 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
 Upper Division Photography Elective	3	C	<ul style="list-style-type: none"> <li>Art Upper Division Elective cannot be ARA 311 or ARS 300.</li> <li>Use Handshake to research <b>employment opportunities</b>.</li> </ul>
ARA OR ARE OR ARS OR ART OR FSH Upper Division Elective	3	C	
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Complete 2 courses: Elective	6		
Term hours subtotal:	16		

Term 6 78 - 93 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
 ARA 396: Professional Practices for Design and the Arts	3	C	<ul style="list-style-type: none"> <li>Art Upper Division Elective cannot be ARA 311 or ARS 300.</li> </ul>
Complete 2 courses: Upper Division Photography Elective	6	C	
Upper Division Art History Asian/African/Native Am./Latin Am. Focus	3	C	
Elective	3		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
 ARA OR ARE OR ARS OR ART OR FSH Upper Division Elective	3	C	<ul style="list-style-type: none"> <li>ARS Upper Division Elective cannot be ARS 300.</li> <li>Art Upper Division Elective cannot be ARA 311 or ARS 300.</li> <li>Gather <b>professional references</b>.</li> </ul>
Upper Division Photography Elective	3	C	
ARS Upper Division Elective AND Upper Division Humanities, Arts and Design (HU)	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Upper Division Elective OR ART 484: Internship	3		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
 ART 482: Senior Exhibitions/Portfolio	3	C	<ul style="list-style-type: none"> <li>ARS Upper Division Elective cannot be ARS 300.</li> <li>Art Elective cannot be ARA 311, ARS 100 or ARS 300.</li> <li>Complete ART 482 Senior Exhibitions/Portfolio and finalize portfolio.</li> </ul>
ARS Upper Division Elective	3	C	
Complete 2 courses: Upper Division Photography Elective	6	C	
Term hours subtotal:	12		

- Students must complete 12 hours of ARS coursework (not from ARS 100 or 300); must include ARS 250, nine upper-division hours, and one Asian/African/Native Am./Latin Am. Focus course.

Hide Course List(s)/Track Group(s)

3D Art Course	Lower Division Photography Elective	Upper Division Photography Elective
ART 216: Contemporary Art in Practice: Methods, Making, Meaning	ARA 209: Photography Now	ART 301: Photography: Material Studies II
ART 218: 3D Tools	ART 203: Photography: Material Studies I	ART 303: Portraiture Photography
ART 231: Sculpture I	ART 208: View Camera Photography	ART 304: Junior Photographic Projects
ART 235: 3D Tools for Sculptors	ART 215: Photography: Digital Compositing	ART 310: Landscape Photography
ART 261: Ceramic Survey	ART 294: Digital Photography	ART 313: Experimental Film
ART 272: Introduction to Metals and Jewelry	ART 294: Photographic Lighting I	ART 318: Photography: Material Studies III
ART 274: Wood I		ART 394: Digital Printing
ART 276: Introduction to Textiles		ART 394: Traditional & Contemporary Documentary Photography
		ART 400: The Photobook
		ART 394: Street Photography
		ART 403: Senior Photographic Projects
		ART 409: Photographic Exhibition
		ART 467: Art and Ecology
		ART 494: The Body and Representation
		ART 494: Labor and Representation
		ART 498: Pro-Seminar (L)
Upper Division Art History Asian/African/Native Am./Latin Am. Focus		
ARS 362: Survey of Aztec, Maya and Inka Art (HU)		
ARS 369: Mexican Art (HU)		
ARS 394: Anime		
ARS 394: Islamic Art		
ARS 394: Art of India and South Asia		
ARS 394: Modern and Contemporary Chinese Art		
ARS 402: Art of Ancient Egypt (HU & H)		
ARS 403: Art of the Aztec Empire		
ARS 472: Art of China (HU)		
ARS 473: Art of Japan (HU)		

ARS 475: Chinese Painting (HU)

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ARS 494: Buddhist Art

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ARS 498: Contemporary Art of Asia (L)

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ARS 498: Contemporary Art of Southeast Asia (L)

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ARS 494: Contemporary Indigenous Art & Museums

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ARS 494: Histories of African Art and Visual Culture

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ARS 498: Modern & Contemporary Art of India and South Asia (L)

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ARS 494: Modern & Contemporary Latin American Art: A Survey

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**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.




## 2023 - 2024 Major Map





### Art (Printmaking), BFA




School/College: Herberger Institute for Design and the Arts

Location: Tempe

FAARTPMBFA

Term 1 0 - 16 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ARA 101: ASU: The Art Experience	1	C	<ul style="list-style-type: none"> <li>• ARA 101: The Art Experience is required of all first-year art majors only.</li> <li>• Select your <b>career interest communities</b> and play <b>me3@ASU</b>.</li> </ul>
 ART 113: Pictorial Investigations and Color Theory	3	C	
ART 114: Expanded Arts Studio OR ART 115: 3D Design	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 142: College Mathematics (MA)	3		
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	16		

Term 2 16 - 31 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ART 111: Foundation Drawing OR ART 116: Introduction to Digital Media	3	C	<ul style="list-style-type: none"> <li>• Join a <b>student club</b> or professional organization.</li> </ul>
 ART 253: Introduction to Printmaking	3	C	
ARS 101: Art from Prehistory Through Middle Ages (HU & H) OR ARS 102: Art from Renaissance to Modernism (HU & H)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		

Term 3 31 - 47 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
ART 114: Expanded Arts Studio OR ART 115: 3D Design	3	C	<ul style="list-style-type: none"> <li>• Develop your <b>skills</b></li> </ul>
 2D Art Course	3	C	
ARS 201: Art of Asia (HU & H & G) OR ARS 202: Art of Africa, Oceania, and the Americas (HU & H & G)	3	C	
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ)	4		
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		

Term 4 47 - 63 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
⚠ 2D or 3D Art Course	3	C	<ul style="list-style-type: none"> <li>Gather information of your past work for your future portfolio.</li> <li>Explore <b>internships</b>.</li> </ul>
⚠ 3D Art Course	3	C	
ARA 240: Encounters with Contemporary Art	3	C	
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ ART 354: Screen Printing	3	C	<ul style="list-style-type: none"> <li>Use Handshake to research <b>employment opportunities</b>.</li> </ul>
ARA OR ARE OR ARS OR ART OR FSH Lower Division Elective	3	C	
Upper Division Printmaking Elective	3	C	
Upper Division Art History Asian/ African/ Native Am./ Latin Am. Focus	3	C	
Elective	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ ARA 396: Professional Practices for Design and the Arts	3	C	<ul style="list-style-type: none"> <li>ARS Upper Division Elective cannot be ARS 300.</li> <li>ART 354 must be completed by term 6.</li> </ul>
ART 456: Letterpress Studio	3	C	
ART 351: Intaglio	3	C	
ARS course (HU) Upper Division	3	C	
Elective OR ART 484: Internship	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ ARA OR ARE OR ARS OR ART OR FSH Upper Division Elective	3	C	<ul style="list-style-type: none"> <li>Art Upper Division Elective cannot be ARA 311 or ARS 300.</li> <li>Gather <b>professional references</b>.</li> </ul>
Complete 2 courses:			
Upper Division Printmaking Elective	6	C	
ARS Upper Division Elective	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ ART 482: Senior Exhibitions/Portfolio	3	C	<ul style="list-style-type: none"> <li>Art Elective courses cannot be ARA 311, ARS 100 or ARS 300.</li> <li>Complete ART 482: Senior Exhibitions/Portfolio and finalize portfolio.</li> </ul>
Upper Division Printmaking Elective	3	C	
ARA OR ARE OR ARS OR ART OR FSH Upper Division Elective	3	C	
ARS Upper Division Elective	3	C	
Term hours subtotal:	12		

- Students must complete 9 hours of ARS coursework (not from ARS 100 or 300); must include 6 hours upper division, one Asian/African/Native Am./Latin Am. Focus course, and 2 upper division ARS electives. If students take a lower division Asian/African/Native Am./Latin Am. Focus course, both ARS electives must be upper division and one must include an HU general studies designation.

Hide Course List(s)/Track Group(s)

2D Art Course	3D Art Course	2D or 3D Art Course
ART 121: Introduction to Photography I	ART 216: Contemporary Art in Practice: Methods, Making, Meaning	ART 121: Introduction to Photography I
ART 122: Introduction to Photography II	ART 218: 3D Tools	ART 122: Introduction to Photography II
ART 203: Photography: Material Studies I	ART 231: Sculpture I	ART 203: Photography: Material Studies I
ART 206: Digital Photography I	ART 235: 3D Tools for Sculptors	ART 206: Digital Photography I
ART 207: Digital Photography II	ART 261: Ceramic Survey	ART 207: Digital Photography II
ART 208: View Camera Photography	ART 272: Introduction to Metals and Jewelry	ART 208: View Camera Photography
ART 211: Drawing	ART 274: Wood I	ART 211: Drawing
ART 214: Figure Drawing	ART 276: Introduction to Textiles	ART 214: Figure Drawing
ART 215: Photography: Digital Compositing		ART 215: Photography: Digital Compositing
ART 217: Introduction to Computer Animation		ART 216: Contemporary Art in Practice: Methods, Making, Meaning
ART 223: Painting		ART 217: Introduction to Computer Animation
ART 227: Watercolor		ART 218: 3D Tools
		ART 223: Painting
		ART 227: Watercolor
		ART 231: Sculpture I
		ART 235: 3D Tools for Sculptors
		ART 261: Ceramic Survey
		ART 272: Introduction to Metals and Jewelry
		ART 274: Wood I
		ART 276: Introduction to Textiles
Upper Division Printmaking Elective	Upper Division Art History Asian/African/Native Am./Latin Am. Focus	
ART 352: Lithography	ARS 362: Survey of Aztec, Maya and Inka Art (HU)	
ART 394: Art Zines: Self-Publishing, Protest & Change	ARS 369: Mexican Art (HU)	
ART 445: Digital Processes for Printmaking	ARS 394: Anime	
ART 451: Advanced Intaglio	ARS 394: Islamic Art	
ART 452: Advanced Lithography	ARS 394: Art of India and South Asia	



ART 453: Experimental Printmaking: Expanding the Matrix	ARS 394: Modern and Contemporary Chinese Art
ART 454: Advanced Screen Printing	ARS 402: Art of Ancient Egypt (HU & H)
ART 455: Artists' Books	ARS 403: Art of the Aztec Empire
ART 458: Papermaking Studio	ARS 472: Art of China (HU)
ART 459: Monoprinting	ARS 473: Art of Japan (HU)
ART 494: Field to Museum: Art & Science Collections	ARS 475: Chinese Painting (HU)
ART 494: Time, Narrative & the Multiple	ARS 494: Buddhist Art
	ARS 498: Contemporary Art of Asia (L)
	ARS 498: Contemporary Art of Southeast Asia (L)
	ARS 494: Contemporary Indigenous Art & Museums
	ARS 494: Histories of African Art and Visual Culture
	ARS 498: Modern & Contemporary Art of India and South Asia (L)
	ARS 494: Modern & Contemporary Latin American Art: A Survey

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.











## 2023 - 2024 Major Map

### Art (Sculpture), BFA

School/College: Herberger Institute for Design and the Arts



Location: Tempe



FAARTSBFA




Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ARA 101: ASU: The Art Experience	1	C	<ul style="list-style-type: none"> <li>• ARA 101: The Art Experience is required of first-year art majors only.</li> <li>• Select your <b>career interest communities</b> and play <b>me3@ASU</b>.</li> </ul>
 ART 114: Expanded Arts Studio	3	C	
 ART 115: 3D Design	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Mathematics (MA)	3		
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	16		
Term 2 16 - 31 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ART 231: Sculpture I OR ART 272: Introduction to Metals and Jewelry or ART 274: Wood I	3	C	<ul style="list-style-type: none"> <li>• Join a <b>student club</b> or professional organization.</li> </ul>
ARS 101: Art from Prehistory Through Middle Ages (HU & H) OR ARS 102: Art from Renaissance to Modernism (HU & H)	3	C	
ART 111: Foundation Drawing	3	C	
ART 116: Introduction to Digital Media	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		
Term 3 31 - 47 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ART 231: Sculpture I OR ART 272: Introduction to Metals and Jewelry or ART 274: Wood I	3	C	<ul style="list-style-type: none"> <li>• Develop your <b>skills</b>.</li> </ul>
ARS 201: Art of Asia (HU & H & G) OR ARS 202: Art of Africa, Oceania, and the Americas (HU & H & G)	3	C	
ART 235: 3D Tools for Sculptors	3	C	
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ)	4		
 Complete Mathematics (MA) requirement.			

Complete First-Year Composition requirement.

Term hours subtotal: 16

Term 4 47 - 63 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 2D Art Course	3	C	<ul style="list-style-type: none"> <li>• ARA 240: Encounters with Contemporary Art is required for BFA majors.</li> <li>• Gather documentation of past works for your future portfolio.</li> <li>• Explore an <b>internship</b>.</li> </ul>
3D Art Course	3	C	
ARA 240: Encounters with Contemporary Art	3	C	
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 ART 331: Sculpture II	3	C	<ul style="list-style-type: none"> <li>• Students must complete six hours of upper-division ARS coursework (not from ARS 300). One course must have the HU designation.</li> <li>• Art Elective course cannot be ARA 311, ARS 100 or ARS 300.</li> <li>• Students may use their Upper Division Sculpture Electives to concentrate on Metals or Wood. Recommend ART 372 for Metals emphasis or ART 374 for Woods emphasis.</li> <li>• Faculty recommend at least one of the following art history courses: ARS 438 or ARS 439.</li> <li>• Use Handshake to research <b>employment opportunities</b>.</li> </ul>
Upper Division Sculpture Elective	3	C	
Upper Division ARS Elective AND Upper Division Humanities, Arts and Design (HU)	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Upper Division Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 ART 430: Advanced Sculpture: Materials and Techniques OR ART 434: Advanced Sculpture: Context and Content	3	C	<ul style="list-style-type: none"> <li>• Students must complete six hours of upper-division ARS coursework (not from ARS 300).</li> <li>• Upper Division Sculpture Elective: Recommend ART 373 for Metals emphasis or ART 474 for Woods emphasis.</li> </ul>
Upper Division Sculpture Elective	3	C	
ARS Upper Division Elective	3	C	
Complete 2 courses: Elective	6		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 ARA 396: Professional Practices for Design and the Arts	3	C	<ul style="list-style-type: none"> <li>• Art Upper Division Elective courses cannot be ARA 311 or ARS 300.</li> <li>• Upper Division Sculpture Elective: Recommend ART 472 for Metals emphasis.</li> <li>• Gather <b>professional references</b>.</li> </ul>
 ART 430: Advanced Sculpture: Materials and Techniques OR ART 434: Advanced Sculpture: Context and Content	3	C	
Upper Division Sculpture Elective	3	C	
ARA OR ARE OR ARS OR ART OR FSH Upper Division Elective	3	C	
Elective OR ART 484: Internship	3		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ART 482: Senior Exhibitions/Portfolio	3	C	<ul style="list-style-type: none"> <li>• Art Upper Division Elective courses cannot be ARA 311 or ARS 300.</li> <li>• Upper Division Sculpture Elective: Recommend ART 473 for Metals emphasis.</li> <li>• Complete ART 482 Senior Exhibitions/Portfolio and finalize portfolio.</li> </ul>
Upper Division Sculpture Elective	3	C	
Complete 2 courses:			
ARA OR ARE OR ARS OR ART OR FSH Upper Division Elective	6	C	
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

2D Art Course	3D Art Course	Upper Division Sculpture Elective
ART 121: Introduction to Photography I	ART 216: Contemporary Art in Practice: Methods, Making, Meaning	ART 333: Foundry Casting Methods
ART 122: Introduction to Photography II	ART 218: 3D Tools	ART 372: Casting and Jewelry Techniques
ART 203: Photography: Material Studies I	ART 261: Ceramic Survey	ART 373: Form Emphasis in Metals
ART 206: Digital Photography I	ART 272: Introduction to Metals and Jewelry	ART 374: Wood II
ART 207: Digital Photography II	ART 274: Wood I	ART 424: Stop Motion Animation
ART 208: View Camera Photography	ART 276: Introduction to Textiles	ART 432: Neon Sculpture
ART 211: Drawing		ART 433: Foundry Casting Methods
ART 214: Figure Drawing		ART 435: Foundry Research Methods
ART 215: Photography: Digital Compositing		ART 436: Architectural Sculpture
ART 217: Introduction to Computer Animation		ART 438: Moving and Interactive Systems in Sculpture
ART 223: Painting		ART 472: Advanced Jewelry and Surface Techniques
ART 227: Watercolor		ART 473: Advanced Metals and Mechanisms
ART 253: Introduction to Printmaking		ART 474: Advanced Wood
		ART 494: Illumination Systems

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.





## 2023 - 2024 Major Map





### Art (Textiles), BFA




School/College: Herberger Institute for Design and the Arts

Location: Tempe

FAARTFBFA

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ARA 101: ASU: The Art Experience	1	C	<ul style="list-style-type: none"> <li>• ARA 101: The Art Experience is required of first-year art majors only.</li> <li>• Select your <b>Career Interest Communities</b> and play <b>me3@ASU</b>.</li> </ul>
 ART 114: Expanded Arts Studio or ART 116: Introduction to Digital Media	3	C	
 ART 115: 3D Design	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Mathematics (MA)	3		
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	16		

Term 2 16 - 31 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ART 111: Foundation Drawing	3	C	<ul style="list-style-type: none"> <li>• Join a <b>student club</b> or professional organization.</li> </ul>
 ART 276: Introduction to Textiles	3	C	
ARS 101: Art from Prehistory Through Middle Ages (HU & H) OR ARS 102: Art from Renaissance to Modernism (HU & H)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		

Term 3 31 - 47 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ART 114: Expanded Arts Studio or ART 116: Introduction to Digital Media	3	C	<ul style="list-style-type: none"> <li>• Develop your <b>skills</b></li> </ul>
2D Art Course	3	C	
ARS 201: Art of Asia (HU & H & G) OR ARS 202: Art of Africa, Oceania, and the Americas (HU & H & G)	3	C	
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ)	4		
 Complete Mathematics (MA) requirement.			

Complete First-Year Composition requirement.

Term hours subtotal: 16

Term 4 47 - 63 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
⚠ 3D Art Course	3	C	<ul style="list-style-type: none"> <li>• ARA 240: Encounters with Contemporary Art is required for BFA majors.</li> <li>• Gather documentation of your past works for your future portfolio.</li> <li>• Explore an <b>internship</b>.</li> </ul>
ARA 240: Encounters with Contemporary Art	3	C	
ART 376: Weaving and Dyeing OR ART 377: Textile Design	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ ART 376: Weaving and Dyeing OR ART 377: Textile Design	3	C	<ul style="list-style-type: none"> <li>• ART 376 only offered in the Fall semester.</li> <li>• Use Handshake to research <b>employment opportunities</b>.</li> </ul>
2D or 3D Art Course	3	C	
Upper Division Art History Asian/African/Native Am./Latin Am. Focus	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Elective	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ ARA 396: Professional Practices for Design and the Arts	3	C	
Upper Division Art History Modern Focus	3	C	
Complete 2 courses:	6	C	
Upper Division Textile Elective			
Elective OR ART 484: Internship	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Complete 2 courses:	6	C	<ul style="list-style-type: none"> <li>• Art Upper Division Elective course cannot be ARA 311 or ARS 300.</li> <li>• Gather <b>professional references</b>.</li> </ul>
ARA OR ARE OR ARS OR ART OR FSH Upper Division Elective			
Complete 2 courses:	6	C	
Upper Division Textile Elective			
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ ART 482: Senior Exhibitions/Portfolio	3	C	<ul style="list-style-type: none"> <li>• Art Elective course cannot be ARA 311, ARS 100 or ARS 300.</li> <li>• Complete ART 482 Senior Exhibitions/Portfolio and finalize portfolio.</li> </ul>
Upper Division Textile Elective	3	C	
ARA OR ARE OR ARS OR ART OR FSH Upper Division Elective	3	C	
ARA OR ARE OR ARS OR ART OR FSH Elective	3	C	
Term hours subtotal:	12		



- Students must complete 6 hours of upper division ARS coursework (not from ARS 300); must include one Asian/African/Native Am./Latin Am. Focus course and one 20th Century Focus course.

Hide Course List(s)/Track Group(s)

2D Art Course	3D Art Course	2D or 3D Art Course
ART 121: Introduction to Photography I	ART 216: Contemporary Art in Practice: Methods, Making, Meaning	ART 121: Introduction to Photography I
ART 122: Introduction to Photography II	ART 218: 3D Tools	ART 122: Introduction to Photography II
ART 203: Photography: Material Studies I	ART 231: Sculpture I	ART 203: Photography: Material Studies I
ART 206: Digital Photography I	ART 235: 3D Tools for Sculptors	ART 206: Digital Photography I
ART 207: Digital Photography II	ART 261: Ceramic Survey	ART 207: Digital Photography II
ART 208: View Camera Photography	ART 272: Introduction to Metals and Jewelry	ART 208: View Camera Photography
ART 211: Drawing	ART 274: Wood I	ART 211: Drawing
ART 214: Figure Drawing		ART 214: Figure Drawing
ART 215: Photography: Digital Compositing		ART 215: Photography: Digital Compositing
ART 217: Introduction to Computer Animation		ART 216: Contemporary Art in Practice: Methods, Making, Meaning
ART 223: Painting		ART 217: Introduction to Computer Animation
ART 227: Watercolor		ART 218: 3D Tools
ART 253: Introduction to Printmaking		ART 223: Painting
		ART 227: Watercolor
		ART 231: Sculpture I
		ART 235: 3D Tools for Sculptors
		ART 253: Introduction to Printmaking
		ART 261: Ceramic Survey
		ART 272: Introduction to Metals and Jewelry
		ART 274: Wood I
Upper Division Textile Elective	Upper Division Art History Asian/African/Native Am./Latin Am. Focus	Upper Division Art History Modern Focus
ART 376: Weaving and Dyeing	ARS 362: Survey of Aztec, Maya and Inka Art (HU)	ARS 330: The Portrait (HU)
ART 377: Textile Design	ARS 369: Mexican Art (HU)	ARS 340: Art in America (HU & H)
ART 378: Digital Textiles	ARS 394: Anime	ARS 345: Art and Television
ART 476: Advanced Textile Construction	ARS 394: Islamic Art	ARS 370: The Art of the Comic
ART 477: Printed Textiles	ARS 394: Art of India and South Asia	ARS 394: Anime
ART 478: Advanced Surface to Form		ARS 394: Modern and Contemporary Chinese Art

ART 479: 3-D Fibers: Construction and Content	ARS 394: Modern and Contemporary Chinese Art	ARS 438: Art of the 20th Century I (HU & H)
ART 494: Special Topics	ARS 402: Art of Ancient Egypt (HU & H)	ARS 439: Art of the 20th Century II (HU & H)
ART 499: Individualized Instruction	ARS 403: Art of the Aztec Empire	ARS 440: Identity and World Film (C)
	ARS 472: Art of China (HU)	ARS 441: Public Art
	ARS 473: Art of Japan (HU)	ARS 445: History of Animation
	ARS 475: Chinese Painting (HU)	ARS 460: Art Now
	ARS 494: Buddhist Art	ARS 485: Women in the Visual Arts (L)
	ARS 498: Contemporary Art of Asia (L)	ARS 494: Contemporary Indigenous Art & Museums
	ARS 498: Contemporary Art of Southeast Asia (L)	ARS 494: Identity Politics & Exhibitions
	ARS 494: Contemporary Indigenous Art & Museums	ARS 494: Modern & Contemporary Latin American Art: A Survey
	ARS 494: Histories of African Art and Visual Culture	ARS 494: Transformative Exhibitions Since the 1990s
	ARS 498: Modern & Contemporary Art of India and South Asia (L)	ARS 498: Contemporary Art of Asia (L)
	ARS 494: Modern & Contemporary Latin American Art: A Survey	ARS 498: Contemporary Art of Southeast Asia (L)
		ARS 498: Modern & Contemporary Art of India and South Asia (L)
		ARS 498: Theories of Modern Sculpture (L)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)

- Historical Awareness (H)

#### First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.





## 2023 - 2024 Major Map

### Arts (BA in the Arts), BA

School/College: Herberger Institute for Design and the Arts

Location: Tempe

FAATSBA

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ARA 101: ASU: The Art Experience OR AME 101: ASU Digital Culture Experience OR DSC 100: ASU Design Experience OR HDA 101: ASU and Herberger Institute Experience OR MUP 101: The ASU School of Music Experience OR THE 125: Orientation to Theatre	1	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students; ARA 101, AME 101, DSC 100, THF 125 &amp; MUP 101 are typically only offered in Fall semesters; HDA 101 is typically only offered in Spring semesters.</li> <li>Join a <b>student club</b> or professional organization.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
HDA 210: Creativity and Innovation in Design and the Arts	3	C	
Arts Discipline and Practice Course	3	C	
Mathematics (MA) ( MAT 142 recommended)	3		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	16		
Term 2 16 - 31 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>By the end of the semester, students will select 1 of 3 possible focus areas: Arts Administration, Entertainment Design, or an Individual Focus. Students interested in pursuing an Individual Focus should contact their academic advisor for assistance with submitting their proposal for approval.</li> <li>Students must complete 3 hours each of the Historical and Theoretical Arts Studies area. One of them must be a Humanities.</li> </ul>
Arts Discipline and Practice Course	3	C	
Historical and Theoretical Arts Studies AND Humanities, Arts and Design (HU) OR Historical and Theoretical Arts Studies with African/Asian/Latin American/Native American Focus AND Humanities, Arts and Design (HU)	3	C	
Computer/Statistics/Quantitative Applications (CS) ( DCE 240 OR FMP 255 OR INT 121 OR MHL 201 recommended)	3		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		
Term 3 31 - 47 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
Arts Discipline and Practice Course	3	C	<ul style="list-style-type: none"> <li>Students must complete 3 hours each of the Historical and Theoretical Arts Studies area. One of them must be a Humanities.</li> </ul>
Focus Area Course	3	C	

Historical and Theoretical Arts Studies OR Historical and Theoretical Arts Studies with African / Asian / Latin American / Native American Focus	3	C
Literacy and Critical Inquiry (L)	3	
Natural Science - Quantitative (SQ)	4	
❗ Complete Mathematics (MA) requirement.		
Complete First-Year Composition requirement.		
Term hours subtotal:	16	

Term 4 47 - 63 Credit Hours Critical course signified by ❗	Hours	Minimum Grade	Notes
HDA 252: Foundations Arts and Design Entrepreneurship	3	C	<ul style="list-style-type: none"> <li>• Create a first draft <b>resume</b>.</li> </ul>
Arts Discipline and Practice Course	3	C	
Focus Area Course	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
❗ Complete Computer/Statistics/Quantitative Applications (CS) course(s).			
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Focus Area Course	3	C	<ul style="list-style-type: none"> <li>• Explore an <b>internship</b>; after finding an internship, complete the <b>Internship Application</b> form request to receive course credit.</li> </ul>
Fiscal or Statistical Literacy Elective	3	C	
Upper Division Arts Discipline and Practice Course	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Upper Division Elective	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HDA 397: Capstone Development	1	C	<ul style="list-style-type: none"> <li>• Students are responsible for securing their own internship experience. Students must receive approval prior to working at the internship in order for the experience to apply as course credit.</li> <li>• Gather professional references and format the information as an <b>addendum to your resume</b>.</li> </ul>
HDA 484: Internship	3	C	
Critical Thinking and Analysis Elective	3	C	
Upper Division Community Engaged Practices Elective	3	C	
Upper Division Focus Area Course	3	C	
Elective	2		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Capstone: Thesis or Independent Research Project	3	C	<ul style="list-style-type: none"> <li>• For the Upper Division Capstone, please consult with faculty mentor and academic advisor for appropriate course options.</li> <li>• Develop a website / portfolio to aid in applying for full-time careers.</li> </ul>
Upper Division Focus Area Course	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Complete 2 courses:	6		
Upper Division Elective			

Term hours subtotal: 15

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Capstone: Thesis or Independent Research Project	3	C	• For the Upper Division Capstone, please consult with faculty mentor and academic advisor for appropriate course options.
Upper Division Focus Area Course	3	C	
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	12		

- Students will select 1 of 3 possible focus area tracks: Arts Administration, Entertainment Design, or an Individual Focus. Students interested in pursuing an Individual Focus should contact their academic advisor for assistance with submitting their proposal for approval.

Hide Course List(s)/Track Group(s)

Arts Discipline and Practice: Select 4 courses; 12 credits (at least 3 upper division)	Historical and Theoretical Arts Studies with African / Asian / Latin American / Native American Focus: Select 1 course; 3 credits	Historical and Theoretical Arts Studies: Select 1 course; 3 credits
ARC Elective	ARC 111: Architecture of Architecture I	ALA 100: Introduction to Environmental Design (HU & H & G)
ALA Elective	ARC 112: Architecture of Architecture II	ALA 102: Landscapes and Sustainability (HU & G)
AME Elective	ARC 432: Architecture History	AME 310: Media Literacies and Composition
ARA Elective	ARS 201: Art of Asia (HU & H & G)	APH Elective
ART Elective	ARS 202: Art of Africa, Oceania, and the Americas (HU & H & G)	ARA 202: Understanding Photographs
DCE Elective	ARS 362: Survey of Aztec, Maya and Inka Art (HU)	ARA 498: Photography and Language (L)
DSC Elective	ARS 369: Mexican Art (HU)	ARC 111: Architecture of Architecture I
EDS Elective	ARS 403: Art of the Aztec Empire	ARC 112: Architecture of Architecture II
FMP Elective	ARS 444: Films of India	ARC 432: Architecture History
FSH Elective	ARS 465: Native Art of North America (HU & C & H)	ARS Elective
GRA Elective	ARS 472: Art of China (HU)	DCE 201: Dance, Culture, and Global Contexts (HU)
IND Elective	ARS 473: Art of Japan (HU)	DCE 202: Dance in U.S. Popular Culture (HU & C)
INT Elective	ARS 475: Chinese Painting (HU)	DCE 300: Dancing Histories (HU)
LAP Elective	DCE 201: Dance, Culture, and Global Contexts (HU)	DCE 301: Dance Analysis and Theory (L or HU)
MSC Elective	DSC 101: Design Awareness (HU & G)	DCE 302: History of American Hip Hop Dance (HU & C)
MUP Elective	FMP 340: Approaches to International Cinema (HU & G)	DCE 306: History of Salsa: Afro-Latin Social and Global Contexts (HU & C)
MUS Elective	FMP 404: World Cinema (G)	DCE 402: Ethnography of Dance Practices (L)
THE Elective	INT 415: Latin American Design	DSC 101: Design Awareness (HU & G)

MHL 344: Music in World Cultures (HU & G)	FMP 250: Sex and Violence in Film and TV: Ethics Survey
MUS 362: Rap Music and Hip Hop Culture (HU & C)	FMP 340: Approaches to International Cinema (HU & G)
MUS 371: World Music (HU & G)	FMP 404: World Cinema (G)
THE 422: Latinx Theatre and Film (HU & C)	FMP 405: Special Topics
THE 423: African American Theatre (C)	GRA 111: Graphic Design History I (HU)
THE 426: Pre-Columbian Theatre of the Americas	GRA 112: Graphic Design History II
THE 475: Latin American Film ((L or HU) & G)	IND 316: 20th-Century Design I (HU & H)
	IND 317: 20th-Century Design II (HU & H)
	INT 111: Interior Design Issues and Theories (HU)
	INT 310: History of Interior Design I (HU & H)
	INT 311: History of Interior Design II (HU & H)
	LAP 311: History of Landscape Architecture (HU & H)
	LAP 312: 20th-Century Landscape Architecture (HU)
	LPH Elective
	MHL Elective
	MUS 131: Bach to Bebop (HU)
	MUS 340: Music for the Concert Hall, Stage, and Screen (HU & H)
	MUS 347: Jazz in America (HU & C)
	MUS 354: Special Topics
	MUS 355: American Music (HU & C & H)
	MUS 356: Broadway and the American Musical (HU)
	MUS 362: Rap Music and Hip Hop Culture (HU & C)
	MUS 371: World Music (HU & G)
	MUS 410: History of Women in Music (HU & C & H)
	THE 322: Theatre History and Culture (HU & H)
	THE 406: American Multicultural Film (HU & C)
	THE 420: Theatre in America (HU)

THE 421: Shakespeare: Stage and Film (L or HU)

THE 422: Latinx Theatre and Film (HU & C)

THE 423: African American Theatre (C)

THE 425: Chekhov and Russian Drama (L or HU)

THE 426: Pre-Columbian Theatre of the Americas

THE 430: History of Fashion I (HU)

THE 431: History of Fashion II: 20th-Century Fashion

THE 475: Latin American Film ((L or HU) & G)

Community Engaged Practices Elective	Critical Thinking and Analysis Elective	Fiscal or Statistical Literacy Elective
ART 442: Art and Community	AME 130: Prototyping Dreams (L)	ACC 231: Uses of Accounting Information I
DCE 494: The Atlas of Creative Tools or THP 494: The Atlas of Creative Tools or HDA 494: The Atlas of Creative Tools	ARA 489: Writing Art and Design Criticism (L)	ACC 232: Financial Accounting I
DSC 494: Indigenous Architecture, Planning and Construction	ARS 345: Art and Television	ACC 382: Accounting and Financial Analysis
DSC 494: Indigenous Project Delivery	ART 110: Drawing as Seeing and Thinking (HU)	ECN 211: Macroeconomic Principles (SB)
EDS 301: Sustainable Community Design and Practices (HU)	EDS 223: Design Thinking	ECN 212: Microeconomic Principles (SB)
HDA 394: Design & Arts Corps	FMP 403: Independent Film (HU)	ECN 221: Business Statistics (CS)
HDA 394: Disrupt, Create, Sustain	FMP 405: Film Genres, Part 2	FIN 380: Personal Financial Management
HDA 494: Civ Prac: Artists&Designers Collaborating/Comm	MUS 213: Critical Thinking in the Arts (HU)	STP 226: Elements of Statistics (CS)
HDA 494: Civic Body: Art and Public Health	THE 421: Shakespeare: Stage and Film (L or HU)	
HDA 494: Civic Practice:Arts/Design & Public Partnerships		
HDA 494: Creative Facilitation: Collaboration, Imagination		
HDA 494: Creative Project Management		
HDA 494: Design & Arts Corps		
HUL 494: Special Topics		
Notes: Any topic offered though ASU's Humanities Lab ( <a href="https://humanities.lab.asu.edu/">https://humanities.lab.asu.edu/</a> )		
NLM 410: Social Entrepreneurship		
THP 482: Theatre for Social Change (C)		
Arts Administration Focus (0 or 18 credits)	Entertainment Design Focus (0 or 18 credits)	



Students that select the Arts Administration Focus must complete 18 credits (at least 12 upper division credits) from this group.	Students that select the Entertainment Design Focus must complete 18 credits (at least 12 upper division credits) from this group.	Entertainment Design Focus Continued (0 or 18 credits)
MGT 380: Management and Strategy for Nonmajors or OGL 300: Theory and Practice of Leadership	AME 111: Introduction to Digital Culture (CS)	IND 242: Materials and Design
MKT 390: Essentials of Marketing or MKT 395: Essentials of Advertising and Marketing Communication	AME 112: Computational Thinking for Digital Culture	IND 344: Human Factors in Design
Pick an additional four courses (12 more credits; at least 6 upper division credits):	AME 130: Prototyping Dreams (L)	INT 351: Ambient Environment
ACC Elective	AME 230: Programming for the Media Arts (CS)	INT 446: Furniture Design and Production
ARA 396: Professional Practices for Design and the Arts	AME 320: Motion Capture for Integrative Systems	MDC 211: Introduction to Digital Sound
ARA 460: Gallery Exhibitions	AME 340: Compositional and Computational Principles for Media Arts	MDC 311: Composing and Performing for Hybrid Ensembles
DSC 394: Design Entrepreneurship & Society	AME 411: Advanced Interactive Sound	MUP 319: Advanced Audio Engineering in the Arts
DSC 494: Practice Management	AME 470: Programming for Social and Interactive Media	MUS 100: Fundamentals of Music Notation
ECN Elective	ARA 460: Gallery Exhibitions	MUS 210: The Arts Around Us (HU)
ENT Elective	ART 110: Drawing as Seeing and Thinking (HU)	MUS 211: Dance, Music and Meaning (HU)
ENT 290: Entrepreneurship: Opportunity to Impact	ART 116: Introduction to Digital Media	MUS 212: Music, Meaning and Imagination (HU)
FIN Elective	ART 123: Introduction to Photography for Nonmajors (HU)	MUS 294: Music and Society
FMP 417: Business and Legal Practices in Entertainment	ART 206: Digital Photography I	MUS 294: Producing Hip Hop and Dance Music I
GRA 440: Finding Purpose	ART 207: Digital Photography II	MUS 294: Songwriting
HDA 420: Design and the Arts Business Administration	ART 217: Introduction to Computer Animation	MUS 355: American Music (HU & C & H)
HDA 494: Business Writing for Artists & Designers	ART 261: Ceramic Survey	MUS 362: Rap Music and Hip Hop Culture (HU & C)
INT 471: Facilities Management	ART 274: Wood I	MUS 371: World Music (HU & G)
MGT Elective	ART 346: 3D Computer Imaging and Animation (CS)	THF 101: Acting Introduction
MGT 400: Cross-Cultural Management (C & G)	ART 348: Animation Motion Studies	THF 215: Design and Composition for Theatre and Film (HU)
MKT Elective	DCE 100: Introduction to Dance (HU)	THP 201: Theatre Production Crew
MUP 438: The Enterprising Musician	DCE 203: The Walking Body (HU)	THP 213: Introduction to Technical Theatre
MUP 439: Music Product Creation and Development	DCE 240: Media for Dance (CS)	THP 214: Introduction to Costuming
NLM Elective	EDS 223: Design Thinking	THP 317: Stage Management
NLM 220: Introduction to Nonprofit Organizations	FSH 435: Contemporary Fashion (L or HU)	THP 330: Costume Design
NLM 235: Leadership and Ethics	FMP 201: Film: The Creative Process I (HU)	THP 332: Makeup
	FMP 220: Film and Media Post-Production I	THP 335: Stagecraft
	FMP 225: Principles of Visual Effects Compositing	THP 340: Scene Design
		THP 345: Lighting Design
		THP 350: Sound Design
		THP 355: Media Design for Performance

NLM 300: Fund Raising and Resource Development	FMP 240: Introduction to Animation for Film	THP 387: Acting VI
NLM 310: Volunteer Management	FMP 255: Media Authorship (CS)	THP 394: Pattern Drafting for Theatre
NLM 410: Social Entrepreneurship	FMP 280: Introduction to Film and Media Production	THP 431: Advanced Costume Construction
NLM 430: Managing Nonprofit Organizations (L)	FMP 325: Intermediate Visual Effects Compositing	THP 435: Technical Direction
NLM 435: Service Learning for Community Development	FMP 355: Transborder Digital Media Making	THP 440: Advanced Scene Design
NLM 451: Grant Writing	GRA 101: Designing Life	THP 441: Scene Painting
OGL Elective	GRA 401: Creative Environment	THP 442: Rendering for Design and Production
PAF 300: Public Management and Administration	HDA 420: Design and the Arts Business Administration	THP 344: Hand Drafting for the Live Entertainment
THP 251: Student Production Board I	IAP 104: Foundations I: Fundamentals of Sound Art	THP 445: Advanced Lighting Design
THP 351: Arts Management	IAP 321: Music Composition I	THP 455: Advanced Media Design
THP 450: Theatre Organization and Management	IAP 322: Multitrack Digital Recording	THP 448: AutoCAD for Live Entertainment
THP 451: Student Production Board II	IAP 325: Sound Performance: Exploring Alternative Performance Groups	THP 449: AutoCAD 3D for Live Entertainment

**Individual Focus (0 or 18 Credits)**

Students that are interested in the Individual Focus will need to work with an Academic Advisor and Faculty member to submit a proposal. Focus area courses are approved through submission of the proposal.

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

#### First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.





## 2023 - 2024 Major Map







### Dance, BFA



School/College: Herberger Institute for Design and the Arts

Location: Tempe

FADANBFA

Term 1 0 - 16 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 DCE 132: First-Year Dance Techniques	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. Dance majors take DCE 170 to complete this requirement.</li> <li>One Personal Movement Practices course is required this term -- see course list below for choices.</li> <li>Join an organization and/or participate in an off-campus performance project.</li> </ul>
 DCE 160: Creative Practices I	3	C	
 DCE 170: First-Year Seminar I	2	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Lower Division Personal Movement Practice	2	C	
Mathematics (MA)	3	C	
Milestone: School of MDT BFA Dance students must successfully complete the following before enrolling at ASU: <a href="#">Dance Application</a> and <a href="#">Dance Admissions Festival Day</a> .			
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 DCE 132: First-Year Dance Techniques	3	C	<ul style="list-style-type: none"> <li>One Personal Movement Practices course is required this term -- see course list below for choices. Students may take an additional Personal Movement Practices course in this term for general elective credit if their schedule allows.</li> </ul>
 DCE 161: Creative Practices II	3	C	
 DCE 205: How Dance Matters: A Sociocultural Framing (C)	3	C	
 THF 126: Professional Development: Communication and Collaboration	2	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Lower Division Personal Movement Practice	2	C	
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 32 - 48 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 DCE 260: Creative Practices III	3	C	<ul style="list-style-type: none"> <li>Two Personal Movement Practices courses are required this term -- see course list below for choices.</li> <li>Advancement in Personal Movement Practices is determined by instructor.</li> </ul>
DCE 226: Musical and Kinesthetic Communication in Dance	2	C	
DCE 240: Media for Dance (CS)	3	C	
Complete 2 courses: Lower Division Personal Movement Practice	4	C	

Natural Science - Quantitative (SQ)	4
◆ Complete Mathematics (MA) requirement.	
Complete First-Year Composition requirement.	
Term hours subtotal:	16

- Establish **career interests**, develop soft skills, build a resume and research **internship** opportunities.

Term 4 48 - 63 Credit Hours <b>Critical course signified by</b> ◆	Hours	Minimum Grade	Notes
◆ DCE 136: Introduction to Somatic Movement OR DCE 236: Somatic Movement Applications: A Closer Look OR DCE 336: Somatic Movement Development and Facilitation	2-3	C	<ul style="list-style-type: none"> <li>• Two Personal Movement Practice courses are required this term -- see course list below for choices.</li> <li>• Advancement in Personal Movement Practices is determined by instructor.</li> </ul>
◆ DCE 261: Creative Practices IV	3	C	
◆ DCE 354: Creative Approaches to Teaching Dance I	3	C	
DCE 204: Dance, Health and Wellness (L)	3	C	
Complete 2 courses: Lower Division Personal Movement Practice	4	C	
Term hours subtotal:	15-16		

Term 5 63 - 78 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ DCE 360: Creative Practices V	3	C	<ul style="list-style-type: none"> <li>• Begin career/degree alignment. Engage in community partnerships or projects.</li> </ul>
DCE 233: Hip Hop II OR DCE 234: Contemporary Modern II OR DCE 235: Contemporary Ballet II OR DCE 239: Afro-Latin II OR DCE 333: Hip Hop III OR DCE 334: Contemporary Modern III OR DCE 335: Contemporary Ballet III OR DCE 339: Afro-Latin III	2-3	C	
DCE 300: Dancing Histories (HU) OR DCE 302: History of American Hip Hop Dance (HU & C) OR DCE 306: History of Salsa: Afro-Latin Social and Global Contexts (HU & C)	3	C	
DCE 356: Creative Approaches to Teaching Dance II	3	C	
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	15-16		

Term 6 78 - 93 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ DCE 361: Creative Practices VI	3	C	<ul style="list-style-type: none"> <li>• One Personal Movement Practices course is required this term -- see course list below for choices. Students may take an additional Personal Movement Practices course in this term for general elective credit if their schedule allows.</li> <li>• Advancement in Personal Movement Practices is determined by instructor.</li> </ul>
DCE 301: Dance Analysis and Theory (L or HU) OR DCE 402: Ethnography of Dance Practices (L) OR DCE 404: Dance and Ethics (L)	3	C	
Upper Division Personal Movement Practice Humanities, Arts and Design (HU)	3	C	
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 107 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ DCE 460: Transitions I	2	C	<ul style="list-style-type: none"> <li>• One Personal Movement Practices course is required this term -- see course list below for choices. Students may take an additional Personal Movement Practices course in this term for general elective credit if their schedule allows.</li> </ul>
DCE 303: The Body Condition(ed) (SB) OR DCE 403: Making Living, Thriving Through the Arts (HU) OR DCE 405: Writing the Creating Body (L or HU)	3	C	
Upper Division Personal Movement Practice	3	C	

Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3
Upper Division Elective OR DCE 484: Internship	3
Term hours subtotal:	14

- Advancement in Personal Movement Practices is determined by instructor.

Term 8 107 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ DCE 461: Transitions II	2	C	<ul style="list-style-type: none"> <li>• One Personal Movement Practices course is required this term -- see course list below for choices. Students may take an additional Personal Movement Practices course in this term for general elective credit if their schedule allows.</li> <li>• Advancement in Personal Movement Practices is determined by instructor.</li> </ul>
Upper Division Personal Movement Practice	3	C	
DCE course (HU) Upper Division	3	C	
Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Elective	2		
Term hours subtotal:	13		

Hide Course List(s)/Track Group(s)

Lower Division Personal Movement Practices	Upper Division Personal Movement Practices
DCE 133: Hip Hop I	DCE 333: Hip Hop III
DCE 134: Contemporary Modern I	DCE 334: Contemporary Modern III
DCE 135: Contemporary Ballet I	DCE 335: Contemporary Ballet III
DCE 136: Introduction to Somatic Movement	DCE 336: Somatic Movement Development and Facilitation
DCE 139: Afro-Latin I	DCE 339: Afro-Latin III
DCE 233: Hip Hop II	
DCE 234: Contemporary Modern II	
DCE 235: Contemporary Ballet II	
DCE 236: Somatic Movement Applications: A Closer Look	
DCE 238: Hip Hop Ensemble	
DCE 239: Afro-Latin II	

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.













## 2023 - 2024 Major Map

### Dance (Dance Education), BFA

School/College: [Herberger Institute for Design and the Arts](#)

Location: [Tempe](#)

FADANEBA

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 DCE 132: First-Year Dance Techniques	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. Dance majors complete DCE 170 to fulfill this requirement.</li> <li>One Personal Movement Practices course is required this term -- see course list below for choices.</li> <li>Join an organization and/or participate in an off-campus performance project.</li> </ul>
 DCE 160: Creative Practices I	3	C	
 DCE 170: First-Year Seminar I	2	C	
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
Lower Division Personal Movement Practice	2	C	
Mathematics (MA)	3		
Milestone: School of MDT BFA Dance Education students must successfully complete the following before enrolling at ASU: <b>Dance Application and Dance Admissions Festival Day.</b>			
Term hours subtotal:	16		
Term 2 16 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 DCE 132: First-Year Dance Techniques	3	C	<ul style="list-style-type: none"> <li>One Personal Movement Practices course is required this term -- see course list below for choices.</li> <li>Advancement in Personal Movement Practice courses is determined by instructor.</li> </ul>
 DCE 161: Creative Practices II	3	C	
 DCE 205: How Dance Matters: A Sociocultural Framing (C)	3	C	
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
THF 126: Professional Development: Communication and Collaboration	2	C	
Lower Division Personal Movement Practice	2	C	
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		
Term 3 32 - 47 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 DCE 226: Musical and Kinesthetic Communication in Dance	2	C	<ul style="list-style-type: none"> <li>Two Personal Movement Practices courses are required this term -- see course list below for choices.</li> </ul>
 DCE 260: Creative Practices III	3	C	
DCE 201: Dance, Culture, and Global Contexts (HU)	3	C	



DCE 240: Media for Dance (CS)	3	C
Complete 2 courses:	4	C
Lower Division Personal Movement Practice		
◆ Complete Mathematics (MA) requirement.		
Complete First-Year Composition requirement.		
Term hours subtotal:	15	

- Advancement in Personal Movement Practice courses is determined by instructor.
- Establish **career interests**, develop soft skills, build a resume and research **internship opportunities**.
- Apply for Identity Verified Print (IVP) fingerprint clearance card through the **DPS website**. You will need the card to be in the classroom with K-12th grade students, prior to starting your first internship.

Term 4 47 - 63 Credit Hours Critical course signified by ◆	Hours	Minimum Grade	Notes
◆ DCE 204: Dance, Health and Wellness (L)	3	C	<ul style="list-style-type: none"> <li>• One Personal Movement Practices course is required this term -- see course list below for choices.</li> <li>• Advancement in Personal Movement Practice courses is determined by instructor.</li> <li>• TEL 215 is a required course for students seeking teacher certification.</li> <li>• Prior to enrollment in Term 5 courses, you must meet with your advisor and submit an "Intent to Progress" form that notifies Teachers College you are ready to enroll in your first internship. You will upload a copy of your IVP Fingerprint Card with this form, required by state law. Teachers College will then invite you to attend their mandatory Professional Pathways Orientation.</li> </ul>
◆ DCE 261: Creative Practices IV	3	C	
◆ DCE 354: Creative Approaches to Teaching Dance I	3	C	
DCE 136: Introduction to Somatic Movement OR DCE 236: Somatic Movement Applications: A Closer Look	2	C	
TEL 215: Introduction to Child and Adolescent Development (SB)	3	C	
Lower Division Personal Movement Practice	2	C	
◆ Complete DCE 201 course.			
Minimum 2.25 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 5 63 - 80 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ DCE 357: Teaching Internship	1	C	<ul style="list-style-type: none"> <li>• One Personal Movement Practices course is required this term, but students may take an additional Personal Movement Practices course in this term for general elective credit if their schedule allows.</li> <li>• Begin first dance education internship.</li> <li>• Career/degree alignment: engage in a community partnership or project.</li> </ul>
★ DCE 360: Creative Practices V	3	C	
DCE 300: Dancing Histories (HU)	3	C	
DCE 356: Creative Approaches to Teaching Dance II	3	C	
Upper Division Personal Movement Practice	3	C	
Natural Science - Quantitative (SQ)	4		
Minimum 2.25 GPA ASU Cumulative.			
Term hours subtotal:	17		

Term 6 80 - 96 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ DCE 357: Teaching Internship	1	C	<ul style="list-style-type: none"> <li>• One Personal Movement Practices course is required this term, but students may take an additional Personal Movement Practices course in this term for general elective credit if their schedule allows.</li> <li>• GCU 113 satisfies the US and AZ constitution requirement needed for teaching in Arizona.</li> </ul>
★ DCE 361: Creative Practices VI	3	C	
DCE 336: Somatic Movement Development and Facilitation	3	C	
DCE Upper Division Elective	3	C	
Upper Division Personal Movement Practice	3	C	
Social-Behavioral Sciences (SB) AND Historical Awareness (H) (GCU 113 recommended)	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Minimum 2.25 GPA ASU Cumulative.			

Term hours subtotal: 16

Term 7 96 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ BLE 408: Structured English Immersion (SEI) Methods (L)	3	C	<ul style="list-style-type: none"> <li>• Students may want to include a Personal Movement Practices course.</li> <li>• BLE 408 required for students pursuing K-12 certification.</li> </ul>
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Upper Division Elective OR DCE 484: Internship	2		
Minimum 2.25 GPA ASU Cumulative.			
Term hours subtotal:		12	

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TEL 488: Student Teaching	11	C	<ul style="list-style-type: none"> <li>• Your student teaching residency requires a full-time commitment in a K-12th grade classroom for the semester.</li> <li>• Students seeking teacher certification must pass required educator exams. Please speak with your faculty to plan appropriately.</li> </ul>
TEL 471: Professional Educator Series: The Principled Educator	1		
Minimum 2.25 GPA ASU Cumulative.			
Term hours subtotal:		12	

Hide Course List(s)/Track Group(s)

Lower Division Personal Movement Practices	Upper Division Personal Movement Practices
DCE 133: Hip Hop I	DCE 333: Hip Hop III
DCE 134: Contemporary Modern I	DCE 334: Contemporary Modern III
DCE 135: Contemporary Ballet I	DCE 335: Contemporary Ballet III
DCE 136: Introduction to Somatic Movement	DCE 336: Somatic Movement Development and Facilitation
DCE 139: Afro-Latin I	DCE 339: Afro-Latin III
DCE 233: Hip Hop II	
DCE 234: Contemporary Modern II	
DCE 235: Contemporary Ballet II	
DCE 236: Somatic Movement Applications: A Closer Look	
DCE 238: Hip Hop Ensemble	
DCE 239: Afro-Latin II	

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.












## 2023 - 2024 Major Map

### Environmental Design, BS

School/College: [Herberger Institute for Design and the Arts](#)

Location: [Tempe, ASU at Los Angeles](#)

HIEDSBS

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 DSC 100: ASU Design Experience	1	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. DSC 100 fulfills this requirement.</li> <li>Join a <b>student club</b> or professional organization.</li> </ul>
 Design Culture and Literacy I	3	C	
 Design Fundamentals and Principles I	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Mathematics (MA) ( MAT 142 recommended)	3		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	16		
Term 2 16 - 31 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 Design Culture and Literacy II	3	C	<ul style="list-style-type: none"> <li>Please work with your academic advisor for Social-Behavioral Sciences (SB) General Studies course options related to your focus area.</li> <li>Students choose one Focus Area from below and complete seven courses (21 credit hours) from that course list.</li> </ul>
 Design Fundamentals and Principles II	3-4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Main Focus Area Elective	3	C	
Social-Behavioral Sciences (SB) ( PSY 101 recommended)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15-16		
Term 3 31 - 47 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 EDS 223: Design Thinking	3	C	<ul style="list-style-type: none"> <li>Develop your <b>professional online presence</b>.</li> <li>The following courses are recommended to fulfill the Natural Science - Quantitative (SQ) requirement: BIO 100, OR PHY 101, OR PHY 111 and 113, OR GPH 111 and 112.</li> </ul>
SOS 100: Introduction to Sustainability (G)	3	C	
Computer/Statistics/Quantitative Applications (CS) ( INT 121 OR CIS 105 recommended)	3		
Humanities, Arts and Design (HU)	3		
Natural Science - Quantitative (SQ)	4		
 Complete Mathematics (MA) requirement.			
Complete First-Year Composition requirement.			

Term hours subtotal: 16

Term 4 47 - 63 Credit Hours <b>Critical course signified by</b> ⚠️	Hours	Minimum Grade	Notes
⚠️ EDS 200: Design Literacy and Communication	3	C	
Main Focus Area Elective	3	C	
Literacy and Critical Inquiry (L) AND Historical Awareness (H)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Elective	3		
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ GRA 440: Finding Purpose	3	C	<ul style="list-style-type: none"> <li>• Students interested in pursuing a Master in Landscape Architecture or Master of Urban Design can accelerate the graduate degree with <b>LAUDED courses in Term 7 and Term 8</b> please contact your academic advisor for more information.</li> <li>• Develop your <b>skills</b>.</li> </ul>
Upper Division Design History Elective	3	C	
Complete 2 courses:	6	C	
Upper Division Main Focus Area Elective			
Elective	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ ENG 301: Writing for the Professions (L)	3		<ul style="list-style-type: none"> <li>• Complete an in person or virtual <b>practice interview</b></li> </ul>
Upper Division Design Entrepreneurship	3	C	
Upper Division Design History Elective	3	C	
Upper Division Main Focus Area Elective	3	C	
Upper Division Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ EDS 301: Sustainable Community Design and Practices (HU)	3	C	<ul style="list-style-type: none"> <li>• Gather <b>professional references</b></li> </ul>
★ EDS 401: Environmental Design Synthesis I	3	C	
Upper Division Main Focus Area Elective	3	C	
Humanities, Arts and Design (HU)	3		
Elective	3		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ EDS 402: Environmental Design Synthesis II	3	C	
Upper Division Main Focus Area Elective	3	C	
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	12		

- Students choose one Focus Area and complete seven courses (21 credit hours) from that course list.

Hide Course List(s)/Track Group(s)

Design Culture and Literacy I Courses (3 credit hours)	Design Culture and Literacy II Courses (3 credit hours)	Design Entrepreneurship (3 credit hours)
ALA 100: Introduction to Environmental Design (HU & H & G)	ALA 100: Introduction to Environmental Design (HU & H & G)	DSC 394: Design Entrepreneurship & Society
ALA 102: Landscapes and Sustainability (HU & G)	ALA 102: Landscapes and Sustainability (HU & G)	DSC 494: Practice Management
ARC 111: Architecture of Architecture I	ARC 112: Architecture of Architecture II	
DSC 101: Design Awareness (HU & G)	COM 100: Introduction to Human Communication (SB)	
GRA 101: Designing Life	COM 110: Elements of Interpersonal Communication (SB)	
GRA 111: Graphic Design History I (HU)	CON 101: Construction and Culture: a Built Environment (HU & H)	
GRA 112: Graphic Design History II	DSC 101: Design Awareness (HU & G)	
INT 111: Interior Design Issues and Theories (HU)	GRA 101: Designing Life	
	GRA 111: Graphic Design History I (HU)	
	GRA 112: Graphic Design History II	
	INT 111: Interior Design Issues and Theories (HU)	
	INT 131: Design and Human Behavior (SB)	
	PHI 103: Principles of Sound Reasoning (L or HU)	
	PHI 105: Intro to Ethics (HU)	
Design Fundamentals and Principles I Courses (3 credit hours)	Design Fundamentals and Principles II Courses (3-4 credit hours)	Design History Elective (6 credit hours)
ALA 121: Design Fundamentals I	ALA 122: Design Fundamentals II AND ALA 124: Design Fundamentals II Lecture	ARC 330: World and Western Architecture for Nonmajors (HU & H & G) or ARC 331: World and Western Architecture I ((L or HU) & G & H)
ARC 101: Architecture Project I	ARC 101: Architecture Project I	ARC 332: World and Western Architecture II ((L or HU) & G & H)
GRA 121: Principles for Graphic Design I	GRA 122: Principles for Graphic Design II	ARC 431: Contemporary Architecture and Urbanism 1970 to the Present (HU & H)
IND 120: Drawing for Industrial Design	GRA 225: Communication/Interaction Design Theory	ARC 434: Great Cities ((L or HU) & H)
INT 120: Design Fundamentals I	GRA 294: Dynamic Visual Representation	ARC 436: Charles and Ray Eames (HU)
INT 121: Introduction to Computer Modeling for Interior Design (CS)	IND 121: Principles for Industrial Design I AND IND 122: Principles for Industrial Design II	APH 494: Peter Zumthor
	INT 122: Principles of Design AND INT 124: Design Fundamentals II Lecture	APH 494: Frank Lloyd Wright

INT 123: Introduction to Computer-Aided Design and Building Information Modeling	APH 494: The Image of Rome
	IND 316: 20th-Century Design I (HU & H)
	IND 317: 20th-Century Design II (HU & H)
	INT 310: History of Interior Design I (HU & H)
	INT 311: History of Interior Design II (HU & H)
	INT 415: Latin American Design
	INT 494: Contemporary Design Issues in Europe
	INT 494: Design and Context
	LAP 311: History of Landscape Architecture (HU & H)
	LAP 312: 20th-Century Landscape Architecture (HU)
	LAP 485: International Field Studies (G)

Design Management, Innovation and Strategy Focus Area	Design, Environment and Sustainability Focus Area
ACC 382: Accounting and Financial Analysis	BMY 230: How Nature Works
ARA 396: Professional Practices for Design and the Arts	BMY 304: The Practice of Biomimicry
COM 100: Introduction to Human Communication (SB)	BMY 302: Principles of Life
COM 110: Elements of Interpersonal Communication (SB)	CON 294: Deductive Logic, Leadership/Management Techniques
COM 225: Public Speaking (L)	DSC 494: Economics of Building Design
COM 230: Small Group Communication (SB)	EDS 484: Internship
COM 250: Communication and the Workplace (SB)	GRA 401: Creative Environment
COM 259: Communication in Business and the Professions	IND 242: Materials and Design
COM 263: Elements of Intercultural Communication (SB & C & G)	IND 344: Human Factors in Design
COM 312: Communication, Conflict, and Negotiation	INT 341: Interior Codes: Public Welfare and Safety
CON 294: Deductive Logic, Leadership/Management Techniques	INT 351: Ambient Environment
CON 494: Facilities Management Operations and Maintenance	INT 471: Facilities Management
DSC 494: Economics of Building Design	LAP 251: Plant Materials for Sustainable Landscapes
DSC 494: Practice Management	LAP 341: Landscape Construction I
ECN 211: Macroeconomic Principles (SB)	LAP 342: Landscape Construction II
	PHI 103: Principles of Sound Reasoning (L or HU)
	PHI 105: Intro to Ethics (HU)

ECN 212: Microeconomic Principles (SB)	PHI 360: Business and Professional Ethics (HU)
ECN 382: Managerial Economics	PUP 301: Introduction to Urban Planning (L)
EDS 484: Internship	PUP 363: History of Planning
ENT 290: Entrepreneurship: Opportunity to Impact	PUP 420: Theory of Urban Design (HU)
FIN 380: Personal Financial Management	SOS 111: Sustainable Cities ((HU or SB) & G)
GRA 345: Design Rhetoric (L)	SOS 300: Advanced Concepts and Integrated Approaches in Sustainability
GRA 401: Creative Environment	SOS 320: Society and Sustainability (L or SB)
HDA 210: Creativity and Innovation in Design and the Arts	SOS 323: Sustainable Urban Dynamics
HDA 252: Foundations Arts and Design Entrepreneurship	SOS 324: Sustainable Energy Technology and Systems
HDA 420: Design and the Arts Business Administration	SOS 325: The Economics of Sustainability
IND 242: Materials and Design	
IND 344: Human Factors in Design	
IND 354: Principles of Product Design	
INT 471: Facilities Management	
INT 472: Professional Practice for Interior Design	
LES 380: Consumer Perspective of Business Law	
MGT 380: Management and Strategy for Nonmajors	
MKT 390: Essentials of Marketing	
MKT 391: Essentials of Selling	
MKT 395: Essentials of Advertising and Marketing Communication	
PHI 103: Principles of Sound Reasoning (L or HU)	
PHI 105: Intro to Ethics (HU)	
PHI 306: Applied Ethics (HU)	
PHI 360: Business and Professional Ethics (HU)	
SOC 324: Sociology of Work and Organizations (SB & H)	
THP 452: Arts Entrepreneurship Seminar	
TWC 301: Fundamentals of Writing for Digital Media (L)	
TWC 347: Written Communication for Managers (L)	



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**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.








## 2023 - 2024 Major Map

### Fashion - Fashion Business Management, BA

School/College: [Herberger Institute for Design and the Arts](#)

Location: [Downtown Phoenix, ASU at Los Angeles](#)



HIFSHBA

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ARA 101: ASU: The Art Experience	1	C	<ul style="list-style-type: none"> <li>• ARA 101 ASU: The Art Experience is required of all first-year art majors only.</li> <li>• Join a <b>student club</b> or professional organization.</li> </ul>
ART 110: Drawing as Seeing and Thinking (HU) OR FSH 135: Foundations in Fashion Design Communications	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
FSH 125: Survey of the Fashion Industry (HU)	3	C	
FSH 175: Merchandising Essentials	3	C	
Mathematics (MA) ( MAT 142 recommended)	3		
Term hours subtotal:	16		
<b>Term 2 16 - 32 Credit Hours <b>Critical course signified by</b> </b>	<b>Hours</b>	<b>Minimum Grade</b>	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
FSH 108: Digital Literacy for the Arts (CS) OR ART 108: Digital Literacy for the Arts (CS)	3	C	
FSH 122: Apparel Construction I	3	C	
FSH 200: Textiles Survey Lab AND FSH 201: Textiles Survey	4	C	
FSH 203: Fashion Illustration I	3	C	
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		
<b>Term 3 32 - 48 Credit Hours <b>Critical course signified by</b> </b>	<b>Hours</b>	<b>Minimum Grade</b>	<b>Notes</b>
 FSH 204: Social Aspects of Fashion (L or HU or SB)	3	C	
FSH 208: Fashion Technology I	3	C	
FSH 275: Merchandising Applications	3	C	
ARS course (HU) ( ARS 100 recommended)	3	C	
Natural Science - Quantitative (SQ)	4	C	
 Complete Mathematics (MA) requirement.			
Complete First-Year Composition requirement.			
Term hours subtotal:	16		

Term 4 48 - 64 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
FSH 206: Fashion Design I OR FSH 294: Fundamentals of Fashion Design	3	C	• Explore an <b>internship</b>
FSH 300: Global Fashion Industry (G)	3	C	
Fashion Business Management Related Elective	3	C	
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
 Complete FSH 275 course(s).			
Term hours subtotal:	16		

Term 5 64 - 79 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 Business Communication	3	C	
Upper Division Fashion Business Management	3	C	
Upper Division Fashion Business Management Related Elective	3	C	
Upper Division Humanities, Arts and Design (HU) AND History of Fashion Course or Fashion History Related Course	3	C	
Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3		
Term hours subtotal:	15		

Term 6 79 - 94 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
FSH 484: Internship	3	C	• Create a first draft <b>resume</b> .
<i>Complete 2 courses:</i>			
Upper Division Fashion Business Management	6	C	
History of Fashion Course OR Fashion History Related Course	3	C	
Upper Division Elective	3		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 94 - 108 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 FSH 397: Fashion Capstone Development	1	C	• Gather <b>professional references</b> . • Explore an <b>internship</b> ; complete Internship Application Form to request course credit.
FSH 396: Professional Practices for Fashion	1	C	
FSH 435: Contemporary Fashion (L or HU)	3	C	
Upper Division Fashion Business Management	3	C	
<i>Complete 2 courses:</i>			
Upper Division Elective	6		
Term hours subtotal:	14		

Term 8 108 - 120 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 FSH 495: Fashion Capstone	3	C	• Research <b>employment opportunities</b> .
Upper Division Fashion Business Management	3	C	
Upper Division Elective	4		
Elective	2		

Term hours subtotal: 12

Hide Course List(s)/Track Group(s)

Business Communication - complete 1 (3 credits)	History of Fashion Course - complete 1 (3 credits)	Fashion History Related Course - complete 1 (3 credits)
COM 225: Public Speaking (L)	THE 430: History of Fashion I (HU)	ARS 294: Jewelry Design and Character in Film
COM 263: Elements of Intercultural Communication (SB & C & G)	THE 431: History of Fashion II: 20th-Century Fashion	ARS 394: 20th Century American & European Jewelry Design
ENG 301: Writing for the Professions (L) or ENG 302: Business Writing (L)		ARS 331: 18th- and 19th-Century European Jewelry Design or FSH 331: 18th- and 19th-Century European Jewelry Design
TWC 347: Written Communication for Managers (L)		FSH 335: Fashion and Dress in Art
TWC 401: Fundamentals of Technical Communication (L)		FSH 494: Paris Fashion and Culture Experience
COM OR TWC Elective		THE 430: History of Fashion I (HU)
		THE 431: History of Fashion II: 20th-Century Fashion
		Transferred courses related to fashion history such as costume history, fashion trends, or history of textiles, etc. may also apply towards this category.
Upper Division Fashion Business Management - complete 5 (15 credits)	Fashion Business Management Related Electives - complete 2 (6 credits; 3 credits must be upper division)	
FSH 304: Equity and Inclusion in Fashion	FSH 304: Equity and Inclusion in Fashion	
FSH 326: Fashion Styling	FSH 326: Fashion Styling	
FSH 360: Sustainable Systems in Fashion	FSH 360: Sustainable Systems in Fashion	
FSH 375: Marketing Strategies	FSH 375: Marketing Strategies	
FSH 380: Fashion Forecasting	FSH 380: Fashion Forecasting	
FSH 385: Fashion Visual Merchandising	FSH 385: Fashion Visual Merchandising	
FSH 394: Fashion Retail Management	FSH 394: Fashion Retail Management	
FSH 475: Communication Strategies for Fashion	FSH 475: Communication Strategies for Fashion	
FSH 484: Internship	FSH 484: Internship	
	Business or Communication courses such as:	
	ACC OR COM OR ECN OR ENT OR FIN OR MCO OR MGT OR MKT OR OGL OR STP OR TWC Elective	

Notes:

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- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.







## 2023 - 2024 Major Map

### Fashion - Fashion Design, BA

School/College: Herberger Institute for Design and the Arts

Location: Downtown Phoenix, ASU at Los Angeles

HIFSHBA

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ARA 101: ASU: The Art Experience	1	C	<ul style="list-style-type: none"> <li>• ARA 101 ASU: The Art Experience is required of all first-year art majors only.</li> <li>• Join a <b>student club</b> or professional organization.</li> </ul>
ART 110: Drawing as Seeing and Thinking (HU) OR FSH 135: Foundations in Fashion Design Communications	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
FSH 122: Apparel Construction I	3	C	
FSH 125: Survey of the Fashion Industry (HU)	3	C	
Mathematics (MA) ( MAT 142 recommended)	3		
Term hours subtotal:	16		
<b>Term 2 16 - 32 Credit Hours <b>Critical course signified by</b> </b>	<b>Hours</b>	<b>Minimum Grade</b>	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
FSH 108: Digital Literacy for the Arts (CS) OR ART 108: Digital Literacy for the Arts (CS)	3	C	
FSH 200: Textiles Survey Lab AND FSH 201: Textiles Survey	4	C	
FSH 203: Fashion Illustration I	3	C	
FSH 222: Apparel Construction II	3	C	
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		
<b>Term 3 32 - 47 Credit Hours <b>Critical course signified by</b> </b>	<b>Hours</b>	<b>Minimum Grade</b>	<b>Notes</b>
FSH 204: Social Aspects of Fashion (L or HU or SB)	3	C	
FSH 206: Fashion Design I	3	C	
FSH 208: Fashion Technology I	3	C	
ARS course (HU) ( ARS 100 recommended)	3	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
 Complete Mathematics (MA) requirement.			
Complete First-Year Composition requirement.			




Term hours subtotal: 15

Term 4 47 - 63 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
FSH 175: Merchandising Essentials OR FSH 280: Fashion Merchandising	3	C	<ul style="list-style-type: none"> <li>• Explore an <b>internship</b></li> </ul>
FSH 303: Fashion Illustration II	3	C	
FSH 306: Fashion Design II	3	C	
Natural Science - Quantitative (SQ)	4	C	
Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3		
 Complete FSH 206 course(s).			

Term hours subtotal: 16

Term 5 63 - 78 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 FSH 300: Global Fashion Industry (G)	3	C	
FSH 308: Fashion Technology II	3	C	
FSH 484: Internship	3	C	
Fashion Design Elective	3	C	
Upper Division Humanities, Arts and Design (HU) AND History of Fashion Course or Fashion History Related Course	3	C	



Term hours subtotal: 15

Term 6 78 - 93 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 FSH 397: Fashion Capstone Development	1	C	<ul style="list-style-type: none"> <li>• Create a first draft <b>resume</b>.</li> </ul>
 FSH 477: Fashion Collection Development	3	C	
FSH 396: Professional Practices for Fashion	1	C	
Upper Division Fashion Design Elective	3	C	
History of Fashion OR Fashion History Related Course	3	C	
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			

Term hours subtotal: 15

Term 7 93 - 108 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 FSH 495: Fashion Capstone	3	C	<ul style="list-style-type: none"> <li>• Gather <b>professional references</b>.</li> <li>• Explore an <b>internship</b>; complete Internship Application Form to request course credit.</li> </ul>
FSH 435: Contemporary Fashion (L or HU)	3	C	
Fashion Business Management Elective	3	C	
Upper Division Elective	4		
Elective	2		

Term hours subtotal: 15

Term 8 108 - 120 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 FSH 495: Fashion Capstone	3	C	<ul style="list-style-type: none"> <li>• Research <b>employment opportunities</b>.</li> </ul>
FSH 484: Internship OR Upper Division Elective	3		
Complete 2 courses: Upper Division Elective	6		

Term hours subtotal: 12

Hide Course List(s)/Track Group(s)

Fashion Design Electives - complete 4 (12 credits; 6 Upper Division credits)	Fashion Business Management Elective - complete 1 (3 credits)	Fashion History Related Course - complete 1 (3 credits)
FSH 224: Introduction to Accessory Design	FSH 275: Merchandising Applications	ARS 294: Jewelry Design and Character in Film
FSH 322: Apparel Construction III	FSH 280: Fashion Merchandising	ARS 394: 20th Century American & European Jewelry Design
FSH 394: Fashion Design & Wearable Technology	FSH 304: Equity and Inclusion in Fashion	FSH 331: 18th- and 19th-Century European Jewelry Design or ARS 331: 18th- and 19th-Century European Jewelry Design
FSH 394: Draping for Fashion Design	FSH 326: Fashion Styling	FSH 335: Fashion and Dress in Art
FSH 394: Materials and Techniques	FSH 360: Sustainable Systems in Fashion	FSH 494: Paris Fashion and Culture Experience
FSH 394: Sustainable Design Studio	FSH 375: Marketing Strategies	THE 430: History of Fashion I (HU)
FSH 406: Fashion Design III	FSH 380: Fashion Forecasting	THE 431: History of Fashion II: 20th-Century Fashion
FSH 412: Power Play	FSH 385: Fashion Visual Merchandising	Transferred courses related to fashion history such as costume history, fashion trends, or history of textiles, etc. may also apply towards this category.
FSH 484: Internship	FSH 394: Fashion Retail Management	
FSH 494: Fashion Technology III	FSH 475: Communication Strategies for Fashion	
FSH 494: Senior Design Portfolio		
FSH 494: Paris Fashion and Culture Experience		
Transferred courses in construction or design topics such as bridal/formal wear alternations, footwear design, industrial sewing, knits, pattern drafting, tailoring, etc. may also apply towards this category		
History of Fashion Course - complete 1 (3 credits)		
THE 430: History of Fashion I (HU)		
THE 431: History of Fashion II: 20th-Century Fashion		

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum

**General University Requirements Legend**  
 General Studies Core Requirements:



**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for**  
**Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.







## 2023 - 2024 Major Map

### Fashion - Fashion Studies, BA



School/College: Herberger Institute for Design and the Arts



Location: Downtown Phoenix, ASU at Los Angeles

HIFSHBA



Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ARA 101: ASU: The Art Experience	1	C	<ul style="list-style-type: none"> <li>• ARA 101 ASU: The Art Experience is required of all first-year art majors only.</li> <li>• Join a <b>student club</b> or professional organization.</li> </ul>
ART 110: Drawing as Seeing and Thinking (HU) OR FSH 135: Foundations in Fashion Design Communications	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
FSH 125: Survey of the Fashion Industry (HU)	3	C	
FSH 108: Digital Literacy for the Arts (CS) OR ART 108: Digital Literacy for the Arts (CS)	3	C	
Mathematics (MA) ( MAT 142 recommended)	3		
Term hours subtotal:	16		
Term 2 16 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
FSH 122: Apparel Construction I	3	C	
FSH 175: Merchandising Essentials OR FSH 280: Fashion Merchandising	3	C	
FSH 200: Textiles Survey Lab AND FSH 201: Textiles Survey	4	C	
FSH 203: Fashion Illustration I	3	C	
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		
Term 3 32 - 48 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
FSH 204: Social Aspects of Fashion (L or HU or SB)	3	C	<ul style="list-style-type: none"> <li>• Students will complete a total of 6 courses from one of the Fashion Culture, Criticism, &amp; Curation Tracks.</li> </ul>
FSH 208: Fashion Technology I	3	C	
ARS course (HU) ( ARS 100 recommended)	3	C	
Fashion Culture, Criticism & Curation Track	3	C	
Natural Science - Quantitative (SQ)	4	C	
 Complete Mathematics (MA) requirement.			
Complete First-Year Composition requirement.			


Term hours subtotal: 16

Term 4 48 - 64 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
FSH 206: Fashion Design I OR FSH 294: Fundamentals of Fashion Design	3	C	<ul style="list-style-type: none"> <li>• Explore an <b>internship</b></li> <li>• Students will complete a total of 6 courses from one of the Fashion Culture, Criticism, &amp; Curation Tracks.</li> </ul>
Fashion Culture, Criticism & Curation Track	3	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
 Complete FSH 204 course(s).			
Term hours subtotal:		16	

Term 5 64 - 79 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
 FSH 300: Global Fashion Industry (G)	3	C	<ul style="list-style-type: none"> <li>• Explore an <b>internship</b>; complete Internship Application Form to request course credit.</li> <li>• Students will complete a total of 6 courses from one of the Fashion Culture, Criticism, &amp; Curation Tracks.</li> </ul>
FSH 484: Internship	3	C	
Upper Division Fashion Culture, Criticism & Curation Track	3	C	
Upper Division Fashion Business Management Elective	3	C	
Upper Division Humanities, Arts and Design (HU) AND History of Fashion Course or Fashion History Related Course	3	C	
Term hours subtotal:		15	

Term 6 79 - 95 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
FSH 396: Professional Practices for Fashion	1	C	<ul style="list-style-type: none"> <li>• Create a first draft <b>resume</b>.</li> <li>• Students will complete a total of 6 courses from one of the Fashion Culture, Criticism, &amp; Curation Tracks.</li> </ul>
History of Fashion Course OR Fashion History Related Course	3	C	
FSH Upper Division Elective	3	C	
Upper Division Fashion Culture, Criticism & Curation Track	3	C	
Fashion Business Management Related Elective	3	C	
FSH 484: Internship OR Upper Division Elective	3		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:		16	

Term 7 95 - 108 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
 FSH 397: Fashion Capstone Development	1	C	<ul style="list-style-type: none"> <li>• Gather <b>professional references</b>.</li> <li>• Students will complete a total of 6 courses from one of the Fashion Culture, Criticism, &amp; Curation Tracks.</li> </ul>
FSH 435: Contemporary Fashion (L or HU)	3	C	
FSH Upper Division Elective	3	C	
Upper Division Fashion Culture, Criticism & Curation Track	3	C	
Upper Division Elective	3		
Term hours subtotal:		13	

Term 8 108 - 120 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
 FSH 495: Fashion Capstone	3	C	<ul style="list-style-type: none"> <li>• Research <b>employment opportunities</b>.</li> <li>• Students will complete a total of 6 courses from one of the Fashion</li> </ul>
FSH 484: Internship OR Upper Division Elective	3		
Upper Division Elective	4		

Elective	2
Term hours subtotal:	12

Culture, Criticism, & Curation Tracks.

Hide Course List(s)/Track Group(s)

History of Fashion Course - Complete 1 (3 credits)	Fashion History Related Course - complete 1 (3 credits)	Upper Division Fashion Business Management - Complete 1 (3 credits)
THE 430: History of Fashion I (HU)	ARS 294: Jewelry Design and Character in Film	FSH 304: Equity and Inclusion in Fashion
THE 431: History of Fashion II: 20th-Century Fashion	ARS 394: 20th Century American & European Jewelry Design	FSH 326: Fashion Styling
	FSH 331: 18th- and 19th-Century European Jewelry Design or ARS 331: 18th- and 19th-Century European Jewelry Design	FSH 360: Sustainable Systems in Fashion
	FSH 335: Fashion and Dress in Art	FSH 375: Marketing Strategies
	FSH 494: Paris Fashion and Culture Experience	FSH 380: Fashion Forecasting
	THE 430: History of Fashion I (HU)	FSH 385: Fashion Visual Merchandising
	THE 431: History of Fashion II: 20th-Century Fashion	FSH 394: Fashion Retail Management
	Transferred courses related to fashion history such as costume history, fashion trends, or history of textiles, etc. may also apply towards this category.	FSH 475: Communication Strategies for Fashion
		FSH 484: Internship
Fashion Business Management Related Electives - Complete 1 (3 credits)	Fashion Culture, Criticism, & Curation - Communication, Journalism, & Social Media Track	Fashion Culture, Criticism, & Curation - Costuming and Cosplay Track
FSH 304: Equity and Inclusion in Fashion	COM OR MCO Elective	FSH 412: Power Play
FSH 326: Fashion Styling	COM 225: Public Speaking (L)	THE OR THP Elective
FSH 360: Sustainable Systems in Fashion	COM 259: Communication in Business and the Professions	THE 322: Theatre History and Culture (HU & H)
FSH 375: Marketing Strategies	COM 263: Elements of Intercultural Communication (SB & C & G)	THE 359: Comics, Cons, and Cosplay Phenomena
FSH 380: Fashion Forecasting	COM 323: Communication Approaches to Popular Culture (C)	THP 214: Introduction to Costuming
FSH 385: Fashion Visual Merchandising	FSH 475: Communication Strategies for Fashion	THP 301: Costume Construction
FSH 394: Fashion Retail Management	ENG 301: Writing for the Professions (L)	THP 330: Costume Design
FSH 475: Communication Strategies for Fashion	MCO 120: Media and Society (SB)	THP 331: Costume Construction
FSH 484: Internship	MCO 240: Media Issues in American Pop Culture	THP 401: Costume Construction
Business or Communication courses such as:	MCO 307: The Digital Audience	THP 431: Advanced Costume Construction
ACC OR COM OR ECN OR ENT OR FIN OR MCO OR MGT OR MKT OR OGL OR STP OR TWC Elective		

	MCO 335: Social Media Foundations	
	MCO 425: Digital Media Literacy I	
	MCO 433: Social Media Campaigns, Engagement and Research	
	MCO 437: Audience Acquisition and Engagement	
	MCO 450: Visual Communication (HU)	
	TWC 347: Written Communication for Managers (L)	
	TWC 401: Fundamentals of Technical Communication (L)	
	TWC 411: Principles of Visual Communication (L)	
Fashion Culture, Criticism, & Curation - Creative Art, Design, & Photography Track	Fashion Culture, Criticism, & Curation - Digital Technology & Media Track	Fashion Culture, Criticism, & Curation - Event Planning & Management Track
ARA OR ARC OR ART OR DSC OR EDS OR GRA OR IND OR INT OR LAP Elective	AME OR FMP OR GIT Elective	NLM 203: Program Planning or PRM 203: Program Planning
ART 206: Digital Photography I	AME 111: Introduction to Digital Culture (CS)	NLM 300: Fund Raising and Resource Development
ART 207: Digital Photography II	AME 210: Media Editing	NLM 310: Volunteer Management or PRM 310: Volunteer Management
ART 214: Figure Drawing	AME 220: Programming for the Web (CS)	NLM 451: Grant Writing
ART 216: Contemporary Art in Practice: Methods, Making, Meaning	AME 230: Programming for the Media Arts (CS)	NLM OR PRM OR TDM Elective
ART 302: The Still and Moving Image: Digital Photography and Video	AME 435: Mobile Development	PRM 145: Special Events Management
ART 303: Portraiture Photography	AME 470: Programming for Social and Interactive Media	PRM 422: Special Event Technology and Production
ART 312: Illustration	CIS 300: Web Design and Development	PRM 423: Special Event Operations
ART 314: Intermediate Figure Drawing	FMP 180: Principles of Production Technology	PRM 487: Advanced Special Events Management
ART 317: Advanced Digital Photography	FMP 225: Principles of Visual Effects Compositing	TDM 205: Introduction to Travel and Tourism (G)
ART 354: Screen Printing	FMP 255: Media Authorship (CS)	TDM 345: Meeting and Convention Planning
ART 376: Weaving and Dyeing	FMP 280: Introduction to Film and Media Production	
ART 377: Textile Design	FMP 300: Film Production: Non-Majors	
ART 378: Digital Textiles	FMP 325: Intermediate Visual Effects Compositing	
ART 394: Indigenous Metals	GRA 294: Special Topics	
ART 394: Native American Fashion		
ART 394: Native American Jewelry Making		
EDS 223: Design Thinking		
GRA 225: Communication/Interaction Design Theory		
IND 494: Textile Design		

Fashion Culture, Criticism, & Curation - Historic & Cultural Interaction Track	Fashion Culture, Criticism, & Curation - Second Language & Global Relations Track	Fashion Culture, Criticism, & Curation - Sustainability Track
ARS 102: Art from Renaissance to Modernism (HU & H)	ARB OR CHI OR FRE OR ITA OR KOR OR JPN OR POR OR RUS OR SPA Elective	null null: null
ARS 201: Art of Asia (HU & H & G)	POS 260: Current Issues in International Politics ((L or SB) & G)	FSH 394: Sustainable Design Studio
ARS 202: Art of Africa, Oceania, and the Americas (HU & H & G)	POS 300: Contemporary Global Controversies (SB & G)	SOS 100: Introduction to Sustainability (G)
ARS 294: Jewelry Design and Character in Film		SOS 110: Sustainable World (SB)
ARS 331: 18th- and 19th-Century European Jewelry Design or FSH 331: 18th- and 19th-Century European Jewelry Design		SOS 181: Technological, Social, and Sustainable Systems (HU)
ARS 335: Fashion and Dress in Art		SOS 300: Advanced Concepts and Integrated Approaches in Sustainability
ARS 438: Art of the 20th Century I (HU & H)		SOS 310: Equity, Justice and Sustainability
ARS OR HST Elective		SOS 311: Future Thinking and Strategies
FSH 304: Equity and Inclusion in Fashion		SOS 320: Society and Sustainability (L or SB)
HST 101: Global History Since 1500 (HU & H & G)		SOS 322: International Development and Sustainability
HST 104: Modern Europe: French Revolution to European Union ((HU or SB) & G & H)		SOS 324: Sustainable Energy Technology and Systems
HST 110: United States Since 1865 (SB & H)		SOS 326: Sustainable Ecosystems
HST 210: American Social History ((L or SB) & H)		SOS 465: Sustainable Urbanism
HST 280: History of Science, Technology and Innovation (SB & G & H)		SOS Elective
HST 314: American Cultural History Since 1865 ((HU or SB) & H)		
HST 332: Mexican American History Since 1900 (SB & H & C)		
HST 334: African American History Since 1865 ((HU or SB) & C & H)		
HST 338: American Indian History since 1900 ((HU or SB) & C & H)		
HST 339: Islam in the Modern World (HU & G)		
HST 372: Modern Middle East (SB & G & H)		
HST 413: Contemporary America ((L or SB) & H)		
HST 419: 20th Century Chicano/a History (C)		
THE 430: History of Fashion I (HU)		
THE 431: History of Fashion II: 20th-Century Fashion		

**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map




### Film (Filmmaking Practices), BA


School/College: [Herberger Institute for Design and the Arts](#)

Location: [Tempe, ASU at Los Angeles](#)

FAFPRBA

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 FMP 101: Orientation to Film	1	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. FMP 101: Orientation to Film fulfills this requirement for film majors.</li> <li>Join a <b>student club</b> or professional organization.</li> </ul>
FMP 180: Principles of Production Technology OR THF 160: Introduction to Storytelling (HU)	3	C	
FMS 100: Introduction to Film and Media Studies (HU)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Mathematics (MA)	3		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) AND Global Awareness (G) ( COM 263 recommended)	3		
Maintain 2.50 GPA in Film courses.			
Term hours subtotal:	16		

Term 2 16 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 THF 126: Professional Development: Communication and Collaboration	2	C	
FMP 180: Principles of Production Technology OR THF 160: Introduction to Storytelling (HU)	3	C	
FMP 250: Sex and Violence in Film and TV: Ethics Survey OR FMS 200: Film and Media History ((L or HU) & H)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Elective	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Maintain 2.50 GPA in Film courses.			
Term hours subtotal:	14		

Term 3 30 - 46 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
FMP 250: Sex and Violence in Film and TV: Ethics Survey OR FMS 200: Film and Media History ((L or HU) & H)	3	C	<ul style="list-style-type: none"> <li>Establish <b>career interests</b>.</li> </ul>
FMP 261: Principles of Screenwriting OR FMS 209: Screenwriting Fundamentals	3	C	



Computer/Statistics/Quantitative Applications (CS) ( FMP 255 recommended)	3
Natural Science - Quantitative (SQ)	4
Elective	3
❖ Complete Mathematics (MA) requirement.	
Complete First-Year Composition requirement.	
Maintain 2.50 GPA in Film courses.	
Term hours subtotal:	16

Term 4 46 - 62 Credit Hours Critical course signified by ❖	Hours	Minimum Grade	Notes
❖ FMP 201: Film: The Creative Process I (HU) OR FMP 210: Principles of Filmmaking	3	C	<ul style="list-style-type: none"> <li>• Develop soft skills.</li> </ul>
❖ FMP 280: Introduction to Film and Media Production	3	C	
Film Elective	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Social-Behavioral Sciences (SB)	3		
❖ Complete FMP 180 AND FMP 280 AND THF 160 course(s).			
❖ Complete FMP 250 AND FMS 100 AND FMS 200 course(s).			
Maintain 2.50 GPA in Film courses.			
Term hours subtotal:	16		

Term 5 62 - 77 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ FMP 300: Film Production: Filmmaking Practices OR Upper Division Screenwriting Course	3	C	<ul style="list-style-type: none"> <li>• If preparing to study in Los Angeles, take internship prep course.</li> <li>• Upper Division Related Study Elective: Course cannot be from FMP; must be related to the study of film and media.</li> <li>• Begin aligning your degree with your career goals.</li> </ul>
THF 101: Acting Introduction OR THP 194: Understanding Acting	3	C	
Upper Division Related Study Elective	3	C	
Film Elective	3	C	
Upper Division Elective	3		
Maintain 2.50 GPA in Film courses.			
Term hours subtotal:	15		

Term 6 77 - 91 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ FMP 380: Film Production Crew OR FMP 484: Internship	1	C	<ul style="list-style-type: none"> <li>• Students must take two credit hours of either FMP 380 Film Production Crew or FMP 484 Internship by the end of Term 8 to meet this requirement.</li> <li>• Upper Division Related Study Elective: Course cannot be from FMP; must be related to the study of film and media.</li> <li>• Suggested semester in Los Angeles Fall - Post-production Spring - Directors, Producers, Cinematographers</li> </ul>
★ THF 397: Professional Development Seminar	1	C	
FMP 403: Independent Film (HU)	3	C	
Upper Division Producing Course	3	C	
Upper Division Related Study Elective	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
★ Complete THF 101 OR THP 194: Understanding Acting course(s).			
Maintain 2.50 GPA in Film courses.			
Term hours subtotal:	14		

Term 7 91 - 106 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ FMP 380: Film Production Crew OR FMP 484: Internship	1	C
★ THF 497: Senior Project	2	C
Complete 2 courses:	6	C
Upper Division Film Elective		
Screenwriting Course OR Film Production Course	3	C
Upper Division Elective	3	
Maintain 2.50 GPA in Film courses.		
Term hours subtotal:	15	

- Students must take two credit hours of either FMP 380 Film Production Crew or FMP 484 Internship to satisfy the requirement.
- Suggested semester in Los Angeles  
Fall - Post-production  
Spring - Directors, Producers, Cinematographers
- Gather **professional references**.

Term 8 106 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ THF 497: Senior Project	2	C	
Upper Division Film Elective	3	C	
Upper Division Related Study Elective	3	C	
Upper Division Elective	2		
Elective	4		
Maintain 2.50 GPA in Film courses.			
Term hours subtotal:	14		

- Upper Division Related Study Elective: Course cannot be from FMP; must be related to the study of film and media.
- Transfer students must complete one additional hour of elective credit in Term 8 to reach the university required 120 hours to graduate, because FMP 101: Orientation to Film (Term 1) is not required for transfer students.
- Suggested semester in Los Angeles  
Fall - Post-production  
Spring - Directors, Producers, Cinematographers

Hide Course List(s)/Track Group(s)

Screenwriting Courses	Producing Courses	Film Production Courses
FMP 330: Professional and Technical Writing for Film/TV Industry	IAP 364: Documentaries	FMP 215: Beginning Post-Production for Film & Television: Adobe Premier Pro
FMP 361: Writing the Short Film	FMP 330: Professional and Technical Writing for Film/TV Industry	FMP 220: Film and Media Post-Production I
FMP 365: Developing a Series	FMP 355: Transborder Digital Media Making	FMP 225: Principles of Visual Effects Compositing
FMP 461: Advanced Screenwriters Workshop	FMP 370: Producing for Film and Media	FMP 240: Introduction to Animation for Film
FMP 465: Series Writers Workshop	FMP 394: Livestream Production Workshop	FMP 315: Sound Design for Film and Media I
FMP 475: Producing Series	FMP 400: Food in Film: Culture, Power & Desire	FMP 320: Film and Media Post-Production II
FMS 309: Intermediate Screenwriting	FMP 411: Welcome to Hollywood	FMP 325: Intermediate Visual Effects Compositing
FMS 409: Advanced Screenwriting	FMP 417: Business and Legal Practices in Entertainment	FMP 345: Cinematography I
THP 394: Writing for Horror, SciFi, and Fantasy	FMP 475: Producing Series	FMP 403: Independent Film (HU)
	FMP 494: Video Production Lab	FMP 415: Sound Design for Film and Media II
	THP 351: Arts Management	FMP 420: Film and Media Post-Production III
		FMP 445: Cinematography II
		FMP 494: Advanced Camera Workshop

FMP 494: Advanced VFX

FMP 494: Doodle to Screen: Developing Animation

FMP 494: Immersive Aspects of Sound

FMP 494: Intro 3D Visual FX

FMP 494: Performing in the Virtual

FMP 494: Previsualization and Virtual Filmmaking

FMP 494: Sound Mixing for Film and Media

#### Film Electives

FMP 194: Special Topics

FMP 215: Beginning Post-Production for Film & Television: Adobe Premier Pro

FMP 220: Film and Media Post-Production I

FMP 225: Principles of Visual Effects Compositing

FMP 240: Introduction to Animation for Film

FMP 294: Special Topics

FMP 335: Careers in Film and Media Industry

FMP 340: Approaches to International Cinema (HU & G)

FMP 350: Directing for Documentary Media

FMP 360: The Filmmaker's Voice

FMP 380: Film Production Crew

FMP 394: Livestream Production Workshop

FMP 394: Special Topics

FMP 395: Combat in Film (SB & H)

FMP 400: Advanced Short Film Production

FMP 401: Senior Practicum

FMP 417: Business and Legal Practices in Entertainment

FMP 420: Film and Media Post-Production III

FMP 484: Internship

FMP 494: Special Topics

#### Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and

West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>

- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 3.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map




### Film and Media Production, BFA



School/College: Herberger Institute for Design and the Arts

Location: Tempe

HIFMPBFA

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 FMP 101: Orientation to Film	1	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all freshman students. FMP 101: Orientation to Film fulfills this requirement for film majors.</li> <li>Join a <b>student club</b> or professional organization.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
FMP 180: Principles of Production Technology	3	C	
FMS 100: Introduction to Film and Media Studies (HU)	3	C	
THF 160: Introduction to Storytelling (HU)	3	C	
Mathematics (MA)	3		
Maintain 3.00 GPA in Film courses.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 2 16 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 THF 126: Professional Development: Communication and Collaboration	2	C	<ul style="list-style-type: none"> <li>Select a Creative Arts Course from the list at the bottom of the major map.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
FMP 250: Sex and Violence in Film and TV: Ethics Survey OR FMS 200: Film and Media History ((L or HU) & H)	3	C	
Creative Arts Course	3	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) ( COM 263 recommended)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Maintain 3.00 GPA in Film courses.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	14		

Term 3 30 - 46 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 FMP 210: Principles of Filmmaking	3	C	<ul style="list-style-type: none"> <li>Establish <b>career interests</b>.</li> </ul>
FMP 250: Sex and Violence in Film and TV: Ethics Survey OR FMS 200: Film and Media History ((L or HU) & H)	3	C	

FMP 261: Principles of Screenwriting OR FMS 209: Screenwriting Fundamentals	3	C
Computer/Statistics/Quantitative Applications (CS) ( FMP 255 recommended)	3	
Natural Science - Quantitative (SQ)	4	
❖ Complete Mathematics (MA) requirement.		
Complete First-Year Composition requirement.		
Maintain 3.00 GPA in Film courses.		
Minimum 2.50 GPA ASU Cumulative.		
Term hours subtotal:	16	

Term 4 46 - 60 Credit Hours Critical course signified by ❖	Hours	Minimum Grade	Notes
❖ FMP 280: Introduction to Film and Media Production	3	C	<ul style="list-style-type: none"> <li>• Complete second year review in FMP 285.</li> <li>• Choose an Upper Division track</li> </ul>
❖ FMP 285: Portfolio Preparation and Review I	1	C	
Creative Arts Course	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	3		
Maintain 3.00 GPA in Film courses.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	14		

Term 5 60 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ FMP 300: Short Film Production	3	C	<ul style="list-style-type: none"> <li>• Begin aligning your degree with your career goals.</li> </ul>
FMP 360: The Filmmaker's Voice OR Upper Division Production Course	3	C	
THF 101: Acting Introduction OR THP 194: Understanding Acting Track Course	3	C	
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Maintain 3.00 GPA in Film courses.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 6 75 - 91 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
FMP 335: Careers in Film and Media Industry	3	C	<ul style="list-style-type: none"> <li>• Upper Division Related Study Elective: Course cannot be from FMP; must be related to the study of film and media.</li> <li>• Suggested semester in Los Angeles. If post-production, consider 2 semesters in Los Angeles.</li> <li>Fall - Post-production</li> <li>Spring - Directors, Producers, Cinematographers</li> </ul>
FMP 360: The Filmmaker's Voice OR Upper Division Production Course	3	C	
FMP 385: Portfolio Project Development OR FMP 398: Capstone Development	2	C	
Upper Division Related Study Elective	3	C	
Upper Division Track Course	3	C	
Professional Development Course	2	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Maintain 3.00 GPA in Film courses.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 7 91 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Portfolio Project Course	3	C	<ul style="list-style-type: none"> <li>Suggested semester in Los Angeles. If post-production, consider 2 semesters in Los Angeles.</li> <li>Fall - Post-production</li> <li>Spring - Directors, Producers, Cinematographers</li> <li>Gather <b>professional references</b></li> </ul>
FMP 403: Independent Film (HU)	3	C	
Upper Division Track Course	3	C	
Professional Development Course	2	C	
Upper Division Literacy and Critical Inquiry (L)	3	C	
Maintain 3.00 GPA in Film courses.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	14		

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Portfolio Project Course	3	C	<ul style="list-style-type: none"> <li>Suggested semester in Los Angeles. If post-production, consider 2 semesters in Los Angeles.</li> <li>Fall - Post-production</li> <li>Spring - Directors, Producers, Cinematographers</li> <li>Transfer students will complete one additional hour of elective credit in Term 8 to reach the university required minimum of 120 hours, because FMP 101 in Term 1 is not required for transfer students.</li> </ul>
FMP 485: Portfolio Preparation and Review II	1	C	
Upper Division Producing Course (FMP 411 Recommended)	3	C	
Upper Division Film Elective	3	C	
Professional Development Course	2	C	
Upper Division Elective	3	C	
Maintain 3.00 GPA in Film courses.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	15		

Hide Course List(s)/Track Group(s)

Creative Arts Courses	Professional Development Courses	Acting Courses
AME 210: Media Editing	FMP 380: Film Production Crew	THF 101: Acting Introduction
ART 107: Photography as Experience	FMP 401: Senior Practicum	THP 194: Understanding Acting
ART 108: Digital Literacy for the Arts (CS)	FMP 484: Internship	THP 387: Acting VI
ART 116: Introduction to Digital Media		FMP 494: Advanced Camera Workshop
ART 123: Introduction to Photography for Nonmajors (HU)		FMP 494: Film Director: Actor Collaboration Lab
DCE 202: Dance in U.S. Popular Culture (HU & C)		FMP 494: Performing in the Virtual
DSC 102: Introduction to Design		
ENG 210: Introduction to Creative Writing		
FMP 194: Special Topics		
FMP 215: Beginning Post-Production for Film & Television: Adobe Premier Pro		
FMP 225: Principles of Visual Effects Compositing		
FMP 240: Introduction to Animation for Film		

FMP 294: Special Topics		
IAP 201: Introduction to Interdisciplinary Arts (HU)		
IAP 364: Documentaries		
MUS 210: The Arts Around Us (HU)		
MUS 212: Music, Meaning and Imagination (HU)		
THF 215: Design and Composition for Theatre and Film (HU)		
THF 220: Principles of Dramatic Analysis (L or HU)		
THP 218: Directing I: Introduction to Directing		
THP 260: Introduction to Dramatic Writing		
<b>Editing Track Courses</b>	<b>Sound Track Courses</b>	<b>Cinematography Track Courses</b>
FMP 215: Beginning Post-Production for Film & Television: Adobe Premier Pro	FMP 194: Avid Certification Course: Pro Tools I	FMP 345: Cinematography I
FMP 220: Film and Media Post-Production I	FMP 194: Sound Aesthetics in Film and Media	FMP 445: Cinematography II
FMP 255: Media Authorship (CS)	FMP 294: Audio Drama and Podcast Production	FMP 494: Advanced Camera Workshop
FMP 320: Film and Media Post-Production II	FMP 294: Production Sound: On Set Audio	FMP 494: Previsualization and Virtual Filmmaking
FMP 420: Film and Media Post-Production III	FMP 294: Recordings in Post (ADR, Foley and Field)	
FMP 494: Previsualization and Virtual Filmmaking	FMP 315: Sound Design for Film and Media I	
	FMP 415: Sound Design for Film and Media II	
	FMP 494: Immersive Aspects of Sound	
	FMP 494: Sound Mixing for Film and Media	
<b>Film Electives</b>	<b>VFX Track Courses</b>	<b>Upper Division Production Courses</b>
FMP 330: Professional and Technical Writing for Film/TV Industry	FMP 225: Principles of Visual Effects Compositing	IAP 364: Documentaries
FMP 340: Approaches to International Cinema (HU & G)	FMP 240: Introduction to Animation for Film	FMP 350: Directing for Documentary Media
FMP 394: Special Topics	FMP 325: Intermediate Visual Effects Compositing	FMP 355: Transborder Digital Media Making
FMP 395: Combat in Film (SB & H)	FMP 494: Advanced VFX	FMP 394: Livestream Production Workshop
FMP 405: Film and Television: Pioneers, Practices and Innovations	FMP 494: Doodle to Screen: Developing Animation	FMP 400: Advanced Short Film Production
FMP 417: Business and Legal Practices in Entertainment	FMP 494: Intro 3D Visual FX	FMP 494: Previsualization and Virtual Filmmaking
FMP 494: Special Topics	FMP 494: Previsualization and Virtual Filmmaking	FMP 494: Video Production Lab



Directing Track Courses	Portfolio Project Courses	Producing Track Courses
FMP 318: Directing for Film and Media I	FMP 400: Advanced Short Film Production	FMP 330: Professional and Technical Writing for Film/TV Industry
FMP 350: Directing for Documentary Media	FMP 461: Advanced Screenwriters Workshop	FMP 350: Directing for Documentary Media
FMP 418: Directing for Film and Media II	FMP 480: Film Lab I: Production	FMP 355: Transborder Digital Media Making
FMP 494: Film Director: Actor Collaboration Lab	FMP 481: Film Lab II: Post-Production	FMP 370: Producing for Film and Media
FMP 494: Performing in the Virtual	FMP 494: Directing the Personal Documentary	FMP 394: Livestream Production Workshop
FMP 494: Previsualization and Virtual Filmmaking	FMP 494: Video Production Lab	FMP 411: Welcome to Hollywood
	THF 497: Senior Project	FMP 417: Business and Legal Practices in Entertainment
		FMP 475: Producing Series
		HDA 252: Foundations Arts and Design Entrepreneurship
		IAP 364: Documentaries
		THP 351: Arts Management
Screenwriting Track Courses		
FMP 330: Professional and Technical Writing for Film/TV Industry		
FMP 361: Writing the Short Film		
FMP 365: Developing a Series		
FMP 461: Advanced Screenwriters Workshop		
FMP 465: Series Writers Workshop		
FMP 475: Producing Series		
FMS 309: Intermediate Screenwriting		
FMS 409: Advanced Screenwriting		
THP 394: Writing for Horror, SciFi, and Fantasy		

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum

**General University Requirements Legend**

- General Studies Core Requirements:
- Literacy and Critical Inquiry (L)

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.















## 2023 - 2024 Major Map

### Graphic Design, BSD

School/College: Herberger Institute for Design and the Arts

Location: Tempe

ARGRABSD

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes	
 DSC 100: ASU Design Experience	1	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. Design School majors complete DSC 100 to fulfill this requirement.</li> <li>Join a <b>student club</b> or professional organization.</li> </ul>	
 GRA 101: Designing Life	3	C		
 GRA 111: Graphic Design History I (HU)	3	C		
 GRA 121: Principles for Graphic Design I	3	C		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C		
PSY 101: Introduction to Psychology (SB)	3	C		
Minimum 2.50 GPA ASU Cumulative.				
Term hours subtotal:	16			
Term 2 16 - 31 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade		Notes
 GRA 112: Graphic Design History II	3	C		<ul style="list-style-type: none"> <li>All Graphic Design students are expected to have at least a 3.00 ASU cumulative GPA and a C or better in their first five core classes (GRA 101, 111, 121, 112, and 122) to be eligible to continue in the degree. Students who do not have a 3.00 ASU cumulative GPA and a C or better in the five core first-year courses, could be required to change their major and need to meet with their academic advisor.</li> </ul>
 GRA 122: Principles for Graphic Design II	3	C		
ARS 101: Art from Prehistory Through Middle Ages (HU & H) OR ARS 102: Art from Renaissance to Modernism (HU & H)	3	C		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C		
Mathematics (MA)	3			
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).				
Minimum 3.00 GPA ASU Cumulative.				
Term hours subtotal:	15			
Term 3 31 - 46 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes	
 GRA 220: Design Drawing I	3	C	<ul style="list-style-type: none"> <li>Develop your <b>professional online presence</b>.</li> </ul>	
 GRA 221: Letterform	3	C		
 GRA 222: Visual Communication I	3	C		
 GRA 225: Communication/Interaction Design Theory	3	C		
Literacy and Critical Inquiry (L)	3			

❗ Complete Mathematics (MA) requirement.

Complete First-Year Composition requirement.

Minimum 3.00 GPA ASU Cumulative.

Term hours subtotal: 15

Term 4 46 - 61 Credit Hours Critical course signified by ❗	Hours	Minimum Grade	Notes
❗ GRA 223: Typography	3	C	• Complete an in person or virtual practice interview
❗ GRA 224: Visual Communication II	3	C	
Computer/Statistics/Quantitative Applications (CS) (INT 121 recommended)	3		
Natural Science - Quantitative (SQ)	4		
Elective	2		
Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 5 61 - 76 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ GRA 321: Technology for Design I	3	C	• Develop your skills
★ GRA 361: Visual Communication III	5	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 6 76 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ GRA 322: Technology for Design II	3	C	
★ GRA 362: Visual Communication IV	5	C	
ARS 300: Introduction to Art (HU)	3	C	
GRA 345: Design Rhetoric (L)	3	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	14		

Summer 6 90 - 92 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ GRA 484: Internship	2	Y	
Term hours subtotal:	2		

Term 7 92 - 106 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ GRA 421: Exhibit Design	3	C	• Gather professional references
★ GRA 422: Motion Graphics and Interaction Design	3	C	
★ GRA 461: Visual Communication V	5	C	
Cultural Diversity in the U.S. (C)	3		
Minimum 3.00 GPA ASU Cumulative.			

Term hours subtotal: 14

Term 8 106 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ GRA 423: Advanced Interaction Design	3	C	
★ GRA 424: Advanced Media	3	C	
★ GRA 462: Visual Communication VI	5	C	
Elective	3		
Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:		14	

Hide Course List(s)/Track Group(s)

**Notes:**

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- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 3.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.




## 2023 - 2024 Major Map




### Graphic Design, BSD



School/College: [Herberger Institute for Design and the Arts](#)




Location: [Online ASU Local](#)

ARGRABSD

Term 1 - A 0 - 7 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 GRA 101: Designing Life	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>Join a <a href="#">student club</a> or professional organization.</li> </ul>
 HDA 101: ASU and Herberger Institute Experience	1	C	
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 13 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 GRA 111: Graphic Design History I (HU)	3	C	<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> </ul>
 GRA 121: Principles for Graphic Design I	3	C	
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	6		

Term 2 - A 13 - 19 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 GRA 112: Graphic Design History II	3	C	<ul style="list-style-type: none"> <li>All Graphic Design students are expected to have at least a 3.00 ASU cumulative GPA and a C or better in their first five core classes (GRA 101, 111, 121, 112, and 122) to be eligible to continue in the degree. Students who do not have a 3.00 ASU cumulative GPA and a C or better in the five core first-year courses, could be required to change their major and need to meet with their academic advisor.</li> </ul>
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	6		

Term 2 - B 19 - 25 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 GRA 122: Principles for Graphic Design II	3	C	
Mathematics (MA) ( MAT 142 recommended)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	6		

Term 3 - A 25 - 31 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
⚠ GRA 220: Design Drawing I	3	C	• Develop your <b>professional online presence</b> .
⚠ GRA 221: Letterform	3	C	
Term hours subtotal:	6		
Term 3 - B 31 - 37 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
⚠ GRA 222: Visual Communication I	3	C	
⚠ GRA 225: Communication/Interaction Design Theory	3	C	
⚠ Complete Mathematics (MA) requirement.			
Complete First-Year Composition requirement.			
Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	6		
Term 4 - A 37 - 43 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
⚠ GRA 223: Typography	3	C	• Complete an in person or virtual <b>practice interview</b> .
PSY 101: Introduction to Psychology (SB)	3	C	
Term hours subtotal:	6		
Term 4 - B 43 - 50 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
⚠ GRA 224: Visual Communication II	3	C	
Natural Science - Quantitative (SQ)	4		
Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	7		
Term 5 - A 50 - 58 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ GRA 321: Technology for Design I	3	C	• GRA 361 is a Session C course (15 weeks long). • Develop your <b>skills</b> .
★ GRA 361: Visual Communication III	5	C	
Term hours subtotal:	8		
Term 5 - B 58 - 64 Credit Hours	Hours	Minimum Grade	Notes
ARS 101: Art from Prehistory Through Middle Ages (HU & H) OR ARS 102: Art from Renaissance to Modernism (HU & H)	3	C	
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	6		
Term 6 - A 64 - 72 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ GRA 322: Technology for Design II	3	C	• GRA 362 is a Session C course (15 weeks long).
★ GRA 362: Visual Communication IV	5	C	
Term hours subtotal:	8		
Term 6 - B 72 - 80 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ GRA 484: Internship	2	Y	

ARS 300: Introduction to Art (HU)	3	C
GRA 345: Design Rhetoric (L)	3	C
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
Minimum 3.00 GPA ASU Cumulative.		
Term hours subtotal:	8	

- GRA 484 is usually taken in the summer between Terms 6 and 7.

Term 7 - A 80 - 88 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ GRA 421: Exhibit Design	3	C	<ul style="list-style-type: none"> <li>• GRA 461 is a Session C course (15 weeks long).</li> <li>• Gather <b>professional references</b>.</li> </ul>
★ GRA 461: Visual Communication V	5	C	
Term hours subtotal:	8		

Term 7 - B 88 - 94 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ GRA 422: Motion Graphics and Interaction Design	3	C	
Cultural Diversity in the U.S. (C)	3		
Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	6		

Term 8 - A 94 - 102 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ GRA 423: Advanced Interaction Design	3	C	<ul style="list-style-type: none"> <li>• GRA 462 is a Session C course (15 weeks long).</li> </ul>
★ GRA 462: Visual Communication VI	5	C	
Term hours subtotal:	8		

Term 8 - B 102 - 107 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ GRA 424: Advanced Media	3	C	
Elective	2		
Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	5		

Term 9 - A 107 - 114 Credit Hours	Hours	Minimum Grade	Notes
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	7		

Term 9 - B 114 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
Computer/Statistics/Quantitative Applications (CS)	3		
Elective	3		
★ Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	6		

Hide Course List(s)/Track Group(s)



**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.














## 2023 - 2024 Major Map

### Industrial Design, BSD

School/College: Herberger Institute for Design and the Arts

Location: Tempe

ARINDBSD

Term 1 0 - 16 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 DSC 100: ASU Design Experience	1	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. Design School majors take DSC 100 to fulfill this requirement.</li> <li>Join a <b>student club</b> or professional organization.</li> </ul>
 DSC 101: Design Awareness (HU & G)	3	C	
 IND 120: Drawing for Industrial Design	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 170: Precalculus (MA)	3	C	
PSY 101: Introduction to Psychology (SB)	3		
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		
Term 2 16 - 32 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 IND 121: Principles for Industrial Design I	3	C	<ul style="list-style-type: none"> <li>All Industrial Design students are expected to have at least a 3.00 ASU cumulative GPA and a C or better in their first four core classes (IND 120, IND 121, IND 122, and DSC 101) to be eligible to continue in the degree. Students who do not have a 3.00 ASU cumulative GPA and a C or better in the four core first-year courses, could be required to change their major and need to meet with their academic advisor.</li> </ul>
 IND 122: Principles for Industrial Design II	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ)	4	C	
Elective	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	16		
Term 3 32 - 47 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 DSC 236: Introduction to Computer Modeling (CS)	3	C	<ul style="list-style-type: none"> <li>Develop your <b>professional online presence</b></li> </ul>
 IND 227: Visual Methods for Problem Solving	3	C	
 IND 242: Materials and Design	3	C	
 IND 260: Industrial Design I	3	C	
Elective	3		

❗ Complete Mathematics (MA) requirement.

Complete First-Year Composition requirement.

Minimum 3.00 GPA ASU Cumulative.

Term hours subtotal: 15

Term 4 47 - 63 Credit Hours Critical course signified by ❗	Hours	Minimum Grade	Notes
❗ IND 228: Imaging and Visualization	3	C	• Complete an in person or virtual <b>practice interview</b>
❗ IND 243: Design for Ecology and Social Equity	3	C	
❗ IND 261: Industrial Design II	3	C	
Cultural Diversity in the U.S. (C)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 5 63 - 77 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ IND 327: Presentation Graphics	3	C	• Develop your <b>skills</b>
★ IND 360: Industrial Design III	5	C	
IND 316: 20th-Century Design I (HU & H)	3	C	
IND 344: Human Factors in Design	3	C	
Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	14		

Term 6 77 - 91 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ IND 328: Graphics for Industrial Design	3	C	• Summer Internship: students complete an internship between Terms 6 and 7.
★ IND 361: Industrial Design IV	5	C	
IND 317: 20th-Century Design II (HU & H)	3	C	
IND 354: Principles of Product Design	3	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	14		

Summer 6 91 - 93 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ IND 484: Internship	2	Y	
Term hours subtotal:	2		

Term 7 93 - 107 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ IND 460: Design Project I	5	C	• Summer Internship: students complete the internship between Terms 6 and 7. • Gather <b>professional references</b> . • Students should see their advisor to receive approval to substitute a marketing course in place of MKT 395.
★ IND 470: Professional Practice for Industrial Design (L)	3	C	
MKT 395: Essentials of Advertising and Marketing Communication OR Upper Division Approved Marketing Course	3		
Elective	3		
Minimum 3.00 GPA ASU Cumulative.			

Term hours subtotal: 14

Term 8 107 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ IND 461: Design Project II	5	C	
ECN 212: Microeconomic Principles (SB)	3		
ENG 301: Writing for the Professions (L)	3		
Elective	2		
Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:		13	

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 3.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.





## 2023 - 2024 Major Map






### Interior Design, BSD




School/College: Herberger Institute for Design and the Arts

Location: Tempe

ARINTBSD

Term 1 0 - 16 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 DSC 100: ASU Design Experience	1	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. Design majors take DSC 100 to fulfill this requirement.</li> <li>Join a <a href="#">student club</a> or professional organization.</li> </ul>
 INT 111: Interior Design Issues and Theories (HU)	3	C	
 INT 120: Design Fundamentals I	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
INT 121: Introduction to Computer Modeling for Interior Design (CS)	3	C	
MAT 170: Precalculus (MA)	3	C	
Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 2 16 - 31 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 INT 122: Principles of Design	3	C	<ul style="list-style-type: none"> <li>Interior Design majors are expected to have a minimum 3.00 ASU cumulative GPA (by the time spring semester grades are posted) and complete INT 111, INT 120, INT 121, INT 122, INT 123, INT 124, and INT 131 with a grade of "C" or better. For more information on degree milestones, visit <a href="#">this website</a>.</li> </ul>
 INT 124: Design Fundamentals II Lecture	1	C	
 INT 131: Design and Human Behavior (SB)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
INT 123: Introduction to Computer-Aided Design and Building Information Modeling	3	C	
Elective	2		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 3 31 - 47 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 INT 223: Drafting for Interior Design	3	C	<ul style="list-style-type: none"> <li>Develop your <a href="#">professional online presence</a>.</li> </ul>
 INT 261: Interior Design Studio I	3	C	
MSE 208: Patterns in Nature (SQ) OR PHS 208: Patterns in Nature (SQ) OR PHY 101: Introduction to Physics (SQ)	4	C	

Global Awareness (G)	3
Literacy and Critical Inquiry (L)	3
❖ Complete Mathematics (MA) requirement.	
Complete First-Year Composition requirement.	
Minimum 3.00 GPA ASU Cumulative.	
Term hours subtotal:	16

Term 4 47 - 61 Credit Hours Critical course signified by ❖	Hours	Minimum Grade	Notes
❖ INT 253: Interior Materials, Finishes, and Specifications	3	C	• Complete an in person or virtual <b>practice interview</b> .
❖ INT 262: Interior Design Studio II	3	C	
❖ INT 341: Interior Codes: Public Welfare and Safety	2	C	
ARS 102: Art from Renaissance to Modernism (HU & H)	3	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
❖ Complete MSE 208 OR PHS 208 OR PHY 101 course(s).			
Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	14		

Term 5 61 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ INT 362: Interior Design Studio III	5	C	• Develop your <b>skills</b> .
INT 310: History of Interior Design I (HU & H)	3	C	
INT 351: Ambient Environment	3	C	
INT 352: Construction Methods in Interior Design	3	C	
Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	14		

Term 6 75 - 89 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ INT 363: Interior Design Studio IV	5	C	
INT 311: History of Interior Design II (HU & H)	3	C	
INT 354: Construction Documents	3	C	
Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	14		

Summer 6 89 - 92 Credit Hours	Hours	Minimum Grade	Notes
INT 484: Internship	3	Y	• It is recommended students complete INT 484 Internship in the summer semester (Summer 6), however, students can complete this course during Term 7 (fall) or Term 8 (spring).
Term hours subtotal:	3		

Term 7 92 - 107 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ INT 464: Interior Design Studio V	5	C	

INT 415: Latin American Design	3	C
INT 471: Facilities Management	3	C
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4	
Minimum 3.00 GPA ASU Cumulative.		
Term hours subtotal:	15	

- It is recommended students complete INT 484 Internship in the summer semester (Summer 6), however, students can complete this course during Term 7 (fall) or Term 8 (spring).
- Gather **professional references**.

Term 8 107 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ INT 465: Interior Design Studio VI	5	C	<ul style="list-style-type: none"> <li>• It is recommended students complete INT 484 Internship in the summer term (Summer 6), however, students can complete this course during Term 7 (fall) or Term 8 (spring).</li> </ul>
INT 472: Professional Practice for Interior Design	2	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Elective	3		
Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	13		

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 3.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.













## 2023 - 2024 Major Map

### Landscape Architecture, BSLA

School/College: Herberger Institute for Design and the Arts

Location: Tempe

ARPLABSLA

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ALA 100: Introduction to Environmental Design (HU & H & G) OR ALA 102: Landscapes and Sustainability (HU & G)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. Design School majors take DSC 100 to fulfill this requirement.</li> <li>Join a <b>student club</b> or professional organization.</li> </ul>
 ALA 121: Design Fundamentals I	3	C	
 DSC 100: ASU Design Experience	1	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 170: Precalculus (MA)	3	C	
Social-Behavioral Sciences (SB)	3		
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		
Term 2 16 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ALA 100: Introduction to Environmental Design (HU & H & G) OR ALA 102: Landscapes and Sustainability (HU & G)	3	C	<ul style="list-style-type: none"> <li>Secure a <b>part-time job</b> or <b>volunteer experience</b></li> </ul>
 ALA 122: Design Fundamentals II	3	C	
 ALA 124: Design Fundamentals II Lecture	1	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Elective	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	16		
Term 3 32 - 46 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 LAP 231: Introduction to Digital Applications for Designers (CS)	3	C	<ul style="list-style-type: none"> <li>Develop your <b>professional online presence</b>.</li> </ul>
 LDE 261: Landscape Architecture Design Fundamentals III	4	C	
LAP 312: 20th-Century Landscape Architecture (HU)	3	C	



GPH 111: Introduction to Physical Geography (SQ) AND GPH 112: Introduction to Physical Geography Lab (SQ) 4

◆ Complete Mathematics (MA) requirement.

Complete First-Year Composition requirement.

Minimum 3.00 GPA ASU Cumulative.

Term hours subtotal: 14

Term 4 46 - 60 Credit Hours Critical course signified by ◆	Hours	Minimum Grade	Notes
◆ LAP 251: Plant Materials for Sustainable Landscapes	3	C	• Complete an in person or virtual practice interview.
◆ LDE 262: Landscape Architecture Design Fundamentals IV	4	C	
LAP 311: History of Landscape Architecture (HU & H)	3	C	
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
◆ Complete GPH 111 AND GPH 112 course(s).			
Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	14		

Term 5 60 - 74 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ LAP 341: Landscape Construction I	3	C	• Develop your skills.
★ LAP 353: Planting Design for Sustainable Landscapes	3	C	
★ LDE 361: Landscape Architecture I	5	C	
LAP 352: Ecosystems and Sustainable Design	3	C	
Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	14		

Term 6 74 - 89 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ LAP 342: Landscape Construction II	3	C	
★ LAP 371: Professional Practice	1	C	
★ LDE 362: Landscape Architecture II	5	C	
LAP 332: GIS Applications in Environmental Design (CS)	3	C	
Literacy and Critical Inquiry (L)	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	15		

Summer 6 89 - 91 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ LAP 484: Internship OR LAP 485: International Field Studies (G)	2	Y	• Students may take LAP 484 Internship in summer, fall, or spring. They must be enrolled in LAP 484 during the term in which they complete the internship.
Term hours subtotal:	2		

Term 7 91 - 106 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ LDE 461: Landscape Architecture III	5	C	• Gather professional references.

LAP 413: Landscape Architecture Theory and Criticism (L)	3	C
Upper Division Design Professional Elective	3	C
Elective	4	
Complete LAP 484 OR LAP 485 course(s).		
Minimum 3.00 GPA ASU Cumulative.		
Term hours subtotal:	15	

Term 8 106 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ LDE 462: Landscape Architecture IV	5	C	
Upper Division Design Professional Elective	6	C	
Elective	3		
Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	14		

Hide Course List(s)/Track Group(s)

Design Professional Elective
ARC OR DSC OR EDS OR GRA OR IND OR INT OR LAP OR LTE OR LDE OR LTC Upper Division Elective

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 3.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

## 2023 - 2024 Major Map





### Media Arts and Sciences, BA





School/College: [Herberger Institute for Design and the Arts](#)




Location: [Tempe](#)



HIDGCBA



This program's name has changed effective Fall 2023. The previous name was Digital Culture.




Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 AME 111: Introduction to Digital Culture (CS)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. Digital Culture students complete AME 101 to fulfill this requirement.</li> <li>Only students with posted credit for ENG 101 may enroll in AME 130 in Term 1.</li> </ul>
AME 101: ASU Digital Culture Experience	1	C	
<i>Complete 2 courses:</i>			
AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS)	6	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117: College Algebra (MA)	3	C	
 Maintain 3.00 GPA in Digital Culture coursework.			
 Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 2 16 - 31 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS)	3	C	<ul style="list-style-type: none"> <li>All Digital Culture majors must have a minimum 3.00 Digital Culture GPA at the end of Term 2 to continue in the program. If a student's Digital Culture GPA is below a 3.00, the student will be placed on a probationary status for one term. If the student is not successful in raising their Digital Culture GPA to a 3.00 after the probationary term, the student will not be able to continue in the Digital Culture program.</li> <li>Join a <b>student club</b> or professional organization.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Digital Culture Flexible Elective	3	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Elective	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Milestone: GPA First-Year Review			
Maintain 3.00 GPA in Digital Culture coursework.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 3 31 - 47 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 Digital Media Course OR Digital Culture Studies Course	3	C	<ul style="list-style-type: none"> <li>Digital Media courses include digital media projects within a trans-disciplinary area of study. See course list or talk to your advisor for specific course options.</li> <li>Build your <b>skills</b>.</li> </ul>
Lower Division Digital Culture Studies Course	3	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Natural Science - Quantitative (SQ) ( PHY 101 recommended)	4		
Elective	3		
 Complete Mathematics (MA) requirement.			
Complete First-Year Composition requirement.			
Maintain 3.00 GPA in Digital Culture coursework.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 4 47 - 62 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 Complete 2 courses:			
Digital Media Course OR Digital Culture Studies Course	6	C	
Social-Behavioral Sciences (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Elective	3		
Maintain 3.00 GPA in Digital Culture coursework.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 5 62 - 78 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 Upper Division Digital Culture Studies Course	3	C	<ul style="list-style-type: none"> <li>Build a digital portfolio.</li> </ul>
Complete 2 courses:			
Upper Division Digital Media Course OR AME Upper Division Elective	6	C	
Upper Division History/Theory Course	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Maintain 3.00 GPA in Digital Culture coursework.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 6 78 - 93 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 Upper Division Digital Culture Studies Course	3	C	<ul style="list-style-type: none"> <li>Related Digital Culture courses are selective electives that allow students to take courses in an area of interest that connects to their study of Digital Culture and personal career interests.</li> <li>Explore an <b>internship</b>. Any internship approved for AME 484 Internship credit will automatically fulfill AME 486 Capstone II.</li> </ul>
Elective	3		
Complete 2 courses:			
Upper Division Digital Media Course OR AME Upper Division Elective	6	C	
Upper Division Literacy and Critical Inquiry (L)	3		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Maintain 3.00 GPA in Digital Culture coursework.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ AME 485: Digital Culture Capstone I	3	C	<ul style="list-style-type: none"> <li>All Digital Culture majors must have a minimum 3.00 Digital Culture GPA to meet graduation requirements. If you are not meeting this GPA requirement, please see your advisor.</li> <li>Gather professional references.</li> </ul>
Upper Division Digital Media Course OR AME Upper Division Elective	3	C	
Media Engineering Course	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Elective OR AME 484: Internship	3		
Maintain 3.00 GPA in Digital Culture coursework.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ AME 486: Digital Culture Capstone II	3	C	
Complete 2 courses:			
Upper Division Digital Media Course OR AME Upper Division Elective	6	C	
Elective	3		
Maintain 3.00 GPA in Digital Culture coursework.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

Digital Culture Flexible Elective	Digital Culture Studies Course List	Digital Media Course List
AME OR MDC Lower Division Elective	AME 210: Media Editing	ART 116: Introduction to Digital Media
	AME 220: Programming for the Web (CS)	ART 206: Digital Photography I
	AME 240: Introduction to Physical Computing	ART 217: Introduction to Computer Animation
	AME 244: Introduction to Interactive Environments	ART 308: 2D Digital Animation
	AME 294: Circuit Bending	ART 312: Illustration
	AME 294: Design Politics	ART 346: 3-D Computer Imaging and Animation (CS)
	AME 294: Soundscape Ecology	ART 348: Animation Motion Studies
	AME 294: Special Topics	ART 394: Digital Photography for Non-Majors
	AME 310: Media Literacies and Composition	ART 424: Stop Motion Animation
	AME 320: Motion Capture for Integrative Systems	ART 438: Moving and Interactive Systems in Sculpture
	AME 325: Technical Lives	ART 440: Experimental Video Art
	AME 330: Digital-Physical Systems	ART 444: Short Subject: Documentary Video
	AME 333: Improvising Cyborgs	ART 494: Visual Prototyping
	AME 360: Designing Mixed-Reality Experiences	CIS 300: Web Design and Development

AME 394: Computational Photography	CPI 111: Game Development I (CS)
AME 394: Special Topics	DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture
AME 410: Interactive Materials	EDT 440: Creating and Marketing Mobile Apps
AME 411: Advanced Interactive Sound	FMP 215: Beginning Post-Production for Film & Television: Adobe Premier Pro
AME 430: Mac Development for Media Arts	FMP 225: Principles of Visual Effects Compositing
AME 435: Mobile Development	FMP 240: Introduction to Animation for Film
AME 444: Media Installations	FMP 255: Media Authorship (CS)
AME 470: Programming for Social and Interactive Media	FMP 315: Sound Design for Film and Media I
AME 494: Animating Virtual Worlds	FMS 200: Film and Media History ((L or HU) & H)
AME 494: Special Topics	FMS 294: Introduction to Videogames
ART 116: Introduction to Digital Media	FMS 351: Emerging Digital Media
ART 378: Digital Textiles	FMS 365: Video Games and Narrative
DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture	GIT 135: Graphic Communications
FSH 394: Fashion Design & Wearable Technology	GIT 211: 3D Media Production
MDC 211: Introduction to Digital Sound	GIT 215: Introduction to Web Authoring
MDC 311: Composing and Performing for Hybrid Ensembles	GIT 230: Digital Illustration in Publishing
MDC 411: Advanced Interactive Sound	GIT 314: Multimedia Design, Planning and Storyboards
	GIT 402: New Media Internet Technologies
	GRA 294: Illustrator
	GRA 294: InDesign
	GRA 294: Photoshop
	IAP 103: Foundations I: Interdisciplinary Art Practice
	IAP 104: Foundations I: Fundamentals of Sound Art
	IAP 322: Multitrack Digital Recording
	IAP 361: Digital Editing and Media Literacy (CS)
	IAP 364: Documentaries
	IAP 367: Motion Graphics and Animation
	IAP 375: Contemporary Performance: Theories and Practice
	IAP 462: Games and Play
	IAP 480: Art as Praxis: From Conceptualization to Production

MCO 433: Social Media Campaigns, Engagement and Research

MDC 311: Composing and Performing for Hybrid Ensembles

MHL 201: Media Literacy for Musicians (CS)

TWC 411: Principles of Visual Communication (L)

TWC 451: Copyright and Intellectual Property in the Electronic Age

TWC 452: Information in the Digital Age

#### History/Theory Course List

APH 300: World Architecture I/Western Cultures (HU & H & G)

APH 313: History of Architecture I ((L or HU) & G & H)

APH 314: History of Architecture II ((L or HU) & G & H)

ARS 345: Art and Television

ARS 394: Anime

ARS 438: Art of the 20th Century I (HU & H)

ARS 439: Art of the 20th Century II (HU & H)

DCE 300: Dancing Histories (HU)

FMP 403: Independent Film (HU)

FMP 405: Film and Television: Pioneers, Practices and Innovations

IAP 304: Traditions of the Avant-Garde and Experimental Art (L or HU)

IAP 305: 20th and 21st Century Art, Performance, and Media (L or HU)

IND 316: 20th-Century Design I (HU & H)

IND 317: 20th-Century Design II (HU & H)

INT 310: History of Interior Design I (HU & H)

INT 311: History of Interior Design II (HU & H)

LAP 311: History of Landscape Architecture (HU & H)

LAP 312: 20th-Century Landscape Architecture (HU)

MUS 347: Jazz in America (HU & C)

MUS 354: Special Topics

#### Media Engineering Course List

AME 394: Synthesis and Expression

AME 410: Interactive Materials

AME 430: Mac Development for Media Arts

AME 435: Mobile Development

AME 470: Programming for Social and Interactive Media

AME 494: Animating Virtual Worlds

AME 494: Musical Microcontrollers

AME 494: Programming for the Internet of Things

EEE 307: Signal Processing for Digital Culture

GIT 335: Computer Systems Technology



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MUS 356: Broadway and the American Musical (HU)

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MUS 362: Rap Music and Hip Hop Culture (HU & C)

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STS 303: History of Science and Technology (H)

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THE 320: History of the Theatre I (HU & H)

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THE 322: Theatre History and Culture (HU & H)

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**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

## 2023 - 2024 Major Map



### Media Arts and Sciences, BA

School/College: [Herberger Institute for Design and the Arts](#)

Location: [Online ASU Local](#)

HIDGCBA

This program's name has changed effective Fall 2023. The previous name was Digital Culture.

Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 AME 111: Introduction to Digital Culture (CS)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
HDA 101: ASU and Herberger Institute Experience	1	C	
Term hours subtotal:	7		

Term 1 - B 7 - 13 Credit Hours	Hours	Minimum Grade	Notes
AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS)	3	C	<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> <li>Select your <a href="#">Career Interest Communities</a> and play <a href="#">me3@ASU</a>.</li> </ul>
MAT 117: College Algebra (MA)	3	C	
Maintain 3.00 GPA in Digital Culture coursework.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	6		

Term 2 - A 13 - 19 Credit Hours	Hours	Minimum Grade	Notes
AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS)	3	C	<ul style="list-style-type: none"> <li>All Digital Culture majors must have a minimum 3.00 Digital Culture GPA at the end of Term 2 to continue in the program. If a student's Digital Culture GPA is below a 3.00, the student will be placed on a probationary status for one term. If the student is not successful in raising their Digital Culture GPA to a 3.00 after the probationary term, the student will not be able to continue in the Digital Culture program.</li> <li>Join a <a href="#">student club</a> or professional organization.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Term hours subtotal:	6		

Term 2 - B 19 - 25 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
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AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS) 3 C

Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) 3

❖ Complete ENG 101 OR ENG 105 OR ENG 107 course(s).

❖ Milestone: GPA First-Year Review

Complete First-Year Composition requirement.

Maintain 3.00 GPA in Digital Culture coursework.

Minimum 2.50 GPA ASU Cumulative.

Term hours subtotal: 6

Term 3 - A 25 - 31 Credit Hours	Hours	Minimum Grade	Notes
Lower Division Digital Culture Flexible Elective	3	C	• Build your skills.
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Term hours subtotal:		6	

Term 3 - B 31 - 37 Credit Hours <span style="color: red;">Critical course signified by</span> ❖	Hours	Minimum Grade	Notes
❖ Digital Media Course OR Digital Culture Studies Course	3	C	• Digital Media Courses are classes that include digital media projects within a trans-disciplinary area of study. See course list below, or talk to your advisor for specific course options.
Elective	3		
❖ Complete Mathematics (MA) requirement.			
Maintain 3.00 GPA in Digital Culture coursework.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:		6	

Term 4 - A 37 - 43 Credit Hours <span style="color: red;">Critical course signified by</span> ❖	Hours	Minimum Grade	Notes
❖ Digital Media Course OR Digital Culture Studies Course	3	C	
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:		6	

Term 4 - B 43 - 49 Credit Hours <span style="color: red;">Critical course signified by</span> ❖	Hours	Minimum Grade	Notes
❖ Digital Media Course OR Digital Culture Studies Course	3	C	
Lower Division Digital Culture Studies Course	3	C	
❖ Maintain 3.00 GPA in Digital Culture coursework.			
❖ Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:		6	

Term 5 - A 49 - 56 Credit Hours	Hours	Minimum Grade	Notes
Natural Science - Quantitative (SQ) ( PHY 101 recommended)	4		• Build a digital portfolio.
Elective	3		
Term hours subtotal:		7	

Term 5 - B 56 - 62 Credit Hours <span style="color: red;">Necessary course signified by</span> ★	Hours	Minimum Grade	Notes
★ Upper Division Digital Culture Studies Course	3	C	
Elective	3		

Maintain 3.00 GPA in Digital Culture coursework.

Minimum 2.50 GPA ASU Cumulative.

Term hours subtotal: 6

Term 6 - A 62 - 69 Credit Hours	Hours	Minimum Grade	Notes
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		• Explore an <b>internship</b> . Any internship approved for AME 484 Internship credit will automatically fulfill AME 486 Capstone II.
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	7		

Term 6 - B 69 - 75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
Upper Division Digital Media Course OR AME Upper Division Elective	3	C	
Upper Division History/Theory Course	3	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Maintain 3.00 GPA in Digital Culture coursework.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	6		

Term 7 - A 75 - 81 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Upper Division Digital Culture Studies Course	3	C	
Upper Division Digital Media Course OR AME Upper Division Elective	3	C	
Term hours subtotal:	6		

Term 7 - B 81 - 87 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Literacy and Critical Inquiry (L)	3		
Elective	3		
Maintain 3.00 GPA in Digital Culture coursework.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	6		

Term 8 - A 87 - 93 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
Complete 2 courses:			
★ Upper Division Digital Media Course OR AME Upper Division Elective	6	C	
Term hours subtotal:	6		

Term 8 - B 93 - 99 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Digital Media Course OR AME Upper Division Elective	3	C	
Elective	3		
Maintain 3.00 GPA in Digital Culture coursework.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	6		

Term 9 - A 99 - 105 Credit Hours <b>Necessary course signified by</b>	Minimum
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	Hours	Grade	Notes
★ AME 485: Digital Culture Capstone I	3	C	<ul style="list-style-type: none"> <li>All Digital Culture majors must have a minimum 3.00 Digital Culture GPA to meet graduation requirements. If you are not meeting this GPA requirement, please see your advisor.</li> <li>Gather <b>professional references</b>.</li> </ul>
Upper Division Digital Media Course OR AME Upper Division Elective	3	C	
Term hours subtotal:	6		

Term 9 - B 105 - 111 Credit Hours	Hours	Minimum Grade	Notes
Media Engineering Course	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Maintain 3.00 GPA in Digital Culture coursework.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	6		

Term 10 - A 111 - 117 Credit Hours <b>Necessary course signified by</b>	Hours	Minimum Grade	Notes
★ AME 486: Digital Culture Capstone II	3	C	
Upper Division Digital Media Course OR AME Upper Division Elective	3	C	
Term hours subtotal:	6		

Term 10 - B 117 - 120 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Elective OR AME 484: Internship	3		
Maintain 3.00 GPA in Digital Culture coursework.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	3		

Hide Course List(s)/Track Group(s)

Digital Culture Flexible Elective	Media Engineering Course List	Digital Culture Studies Course List
AME OR MDC Lower Division Elective	AME 494: Animating Virtual Worlds	AME 210: Media Editing
		AME 220: Programming for the Web (CS)
		AME 325: Technical Lives
		AME 360: Designing Mixed-Reality Experiences
		AME 394: Special Topics
		AME 494: Special Topics
		AME Elective
Digital Media Course List	History/Theory Course List	
ART 116: Introduction to Digital Media	ARS 345: Art and Television	
ART 206: Digital Photography I	ARS 394: Anime	

ART 217: Introduction to Computer Animation	ARS 438: Art of the 20th Century I (HU & H)
ART 394: Digital Photography for Non-Majors	FMP 405: Film and Television: Pioneers, Practices and Innovations
ART 494: Visual Prototyping	IAP 305: 20th and 21st Century Art, Performance, and Media (L or HU)
CIS 300: Web Design and Development	MUS 347: Jazz in America (HU & C)
FMS 200: Film and Media History ((L or HU) & H)	MUS 354: Popular Music
FMS 294: Introduction to Videogames	MUS 356: Broadway and the American Musical (HU)
FMS 351: Emerging Digital Media	MUS 362: Rap Music and Hip Hop Culture (HU & C)
FMS 365: Video Games and Narrative	STS 303: History of Science and Technology (H)
GIT 135: Graphic Communications	THE 322: Theatre History and Culture (HU & H)
GIT 211: 3D Media Production	
GIT 215: Introduction to Web Authoring	
GIT 230: Digital Illustration in Publishing	
GIT 314: Multimedia Design, Planning and Storyboards	
GIT 402: New Media Internet Technologies	
IAP 103: Foundations I: Interdisciplinary Art Practice	
IAP 361: Digital Editing and Media Literacy (CS)	
IAP 364: Documentaries	
IAP 462: Games and Play	
IAP 375: Contemporary Performance: Theories and Practice	
IAP 480: Art as Praxis: From Conceptualization to Production	
MCO 433: Social Media Campaigns, Engagement and Research	
MHL 201: Media Literacy for Musicians (CS)	
TWC 411: Principles of Visual Communication (L)	
TWC 451: Copyright and Intellectual Property in the Electronic Age	
TWC 452: Information in the Digital Age	

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's

first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>

- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

## 2023 - 2024 Major Map





### Media Arts and Sciences (Art), BA




School/College: [Herberger Institute for Design and the Arts](#)

Location: [Tempe](#)

HIDGCABA




This program's name has changed effective Fall 2023. The previous name was Digital Culture (Art).



Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 AME 111: Introduction to Digital Culture (CS)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. Digital culture students complete AME 101 to fulfill this requirement.</li> <li>Only students with posted credit for ENG 101 may enroll in AME 130 in Term 1.</li> </ul>
AME 101: ASU Digital Culture Experience	1	C	
<i>Complete 2 courses:</i>			
AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS)	6	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117: College Algebra (MA)	3	C	
 Maintain 3.00 GPA in Digital Culture coursework.			
 Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		



Term 2 16 - 31 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS)	3	C	<ul style="list-style-type: none"> <li>All Digital Culture majors must have a minimum 3.00 Digital Culture GPA at the end of Term 2 to continue in the program. If a student's Digital Culture GPA is below a 3.00, the student will be placed on a probationary status for one term. If the student is not successful in raising their Digital Culture GPA to a 3.00 after the probationary term, the student will not be able to continue in the Digital Culture program.</li> <li>Join a <b>student club</b> or professional organization.</li> </ul>
ARS 102: Art from Renaissance to Modernism (HU & H) OR ARS 250: History of Photography (HU)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Digital Culture Flexible Elective	3	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Milestone: GPA First-Year Review			
Maintain 3.00 GPA in Digital Culture coursework.			
Minimum 2.50 GPA ASU Cumulative.			



Term hours subtotal: 15

Term 3 31 - 47 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 Digital Media OR Digital Culture Studies	3	C	<ul style="list-style-type: none"> <li>Digital Media courses include digital media projects within a trans-disciplinary area of study. See the course list below or talk to your advisor for specific course options.</li> <li>Build your <i>skills</i>.</li> </ul>
ART 108: Digital Literacy for the Arts (CS) OR ART 110: Drawing as Seeing and Thinking (HU) OR ART 113: Pictorial Investigations and Color Theory	3	C	
Natural Science - Quantitative (SQ) ( PHY 101 recommended)	4		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Elective	3		
 Complete Mathematics (MA) requirement.			
Complete First-Year Composition requirement.			
Maintain 3.00 GPA in Digital Culture coursework.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 4 47 - 63 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 Digital Media OR Digital Culture Studies	3	C	
ART 216: Contemporary Art in Practice: Methods, Making, Meaning	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	3		
Maintain 3.00 GPA in Digital Culture coursework.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 Upper Division Digital Culture Studies	3	C	<ul style="list-style-type: none"> <li>Related Digital Culture courses are selective electives that allow students to take courses in an area of interest that connects to their study of digital culture and personal career interests.</li> <li>Build a digital portfolio.</li> </ul>
Upper Division Digital Culture Studies OR Related Digital Culture Course	3	C	
Upper Division Digital Media OR Upper Division Digital Culture Studies	3	C	
History/Theory Course	3	C	
Elective OR AME 484: Internship	3		
Maintain 3.00 GPA in Digital Culture coursework.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 Upper Division Digital Culture Studies	3	C	<ul style="list-style-type: none"> <li>Explore an <i>internship</i>.</li> </ul>
Upper Division Digital Media OR Upper Division Digital Culture Studies	3	C	
Upper Division History/Theory Course	3	C	
Upper Division Studio Art	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Maintain 3.00 GPA in Digital Culture coursework.

Minimum 2.50 GPA ASU Cumulative.

Term hours subtotal: 15

Term 7 93 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ AME 485: Digital Culture Capstone I	3	C	<ul style="list-style-type: none"> <li>All Digital Culture majors must have a minimum 3.00 Digital Culture GPA to meet graduation requirements. If you are not meeting this GPA requirement, please see your advisor.</li> <li>Gather professional references.</li> </ul>
Upper Division Art History	3	C	
Upper Division Digital Culture Studies	3	C	
Upper Division Related Digital Culture Course OR Upper Division Digital Media	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Maintain 3.00 GPA in Digital Culture coursework.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ AME 486: Digital Culture Capstone II	3	C	
Upper Division Art Concentration Course	3	C	
Upper Division Digital Culture Studies	3	C	
Upper Division Media Engineering	3	C	
Maintain 3.00 GPA in Digital Culture coursework.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

Digital Culture Flexible Elective	Digital Culture Studies Course List	Digital Media Course List
AME OR MDC Lower Division Elective	AME 210: Media Editing	ART 116: Introduction to Digital Media
	AME 220: Programming for the Web (CS)	ART 206: Digital Photography I
	AME 240: Introduction to Physical Computing	ART 217: Introduction to Computer Animation
	AME 244: Introduction to Interactive Environments	ART 308: 2D Digital Animation I
	AME 294: Circuit Bending	ART 312: Illustration
	AME 294: Design Politics	ART 346: 3D Computer Imaging and Animation (CS)
	AME 294: Soundscape Ecology	ART 348: Animation Motion Studies
	AME 294: Special Topics	ART 394: Digital Photography for Non-Majors
	AME 310: Media Literacies and Composition	ART 424: Stop Motion Animation
	AME 320: Motion Capture for Integrative Systems	ART 438: Moving and Interactive Systems in Sculpture
	AME 325: Technical Lives	

AME 330: Digital-Physical Systems	ART 440: Experimental Video Art
AME 333: Improvising Cyborgs	ART 444: Short Subject: Documentary Video
AME 360: Designing Mixed-Reality Experiences	ART 494: Visual Prototyping
AME 394: Computational Photography	CIS 300: Web Design and Development
AME 394: Special Topics	CPI 111: Game Development I (CS)
AME 410: Interactive Materials	DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture
AME 411: Advanced Interactive Sound	EDT 440: Creating and Marketing Mobile Apps
AME 430: Mac Development for Media Arts	FMP 215: Beginning Post-Production for Film & Television: Adobe Premier Pro
AME 435: Mobile Development	FMP 225: Principles of Visual Effects Compositing
AME 444: Media Installations	FMP 240: Introduction to Animation for Film
AME 470: Programming for Social and Interactive Media	FMP 255: Media Authorship (CS)
AME 494: Animating Virtual Worlds	FMP 315: Sound Design for Film and Media I
AME 494: Special Topics	FMS 200: Film and Media History ((L or HU) & H)
ART 116: Introduction to Digital Media	FMS 294: Introduction to Videogames
ART 378: Digital Textiles	FMS 351: Emerging Digital Media
DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture	FMS 365: Video Games and Narrative
FSH 394: Fashion Design & Wearable Technology	GIT 135: Graphic Communications
MDC 211: Introduction to Digital Sound	GIT 211: 3D Media Production
MDC 311: Composing and Performing for Hybrid Ensembles	GIT 215: Introduction to Web Authoring
MDC 411: Advanced Interactive Sound	GIT 230: Digital Illustration in Publishing
	GIT 314: Multimedia Design, Planning and Storyboards
	GIT 402: New Media Internet Technologies
	GRA 294: Illustrator
	GRA 294: InDesign
	GRA 294: Photoshop
	IAP 103: Foundations I: Interdisciplinary Art Practice
	IAP 104: Foundations I: Fundamentals of Sound Art
	IAP 322: Multitrack Digital Recording
	IAP 361: Digital Editing and Media Literacy (CS)
	IAP 364: Documentaries
	IAP 367: Motion Graphics and Animation

IAP 375: Contemporary Performance: Theories and Practice

IAP 462: Games and Play

IAP 480: Art as Praxis: From Conceptualization to Production

MCO 433: Social Media Campaigns, Engagement and Research

MDC 311: Composing and Performing for Hybrid Ensembles

MHL 201: Media Literacy for Musicians (CS)

TWC 411: Principles of Visual Communication (L)

TWC 451: Copyright and Intellectual Property in the Electronic Age

TWC 452: Information in the Digital Age

Upper Division Art Concentration Course List

ARS 345: Art and Television

ARS 394: Anime

ARS 438: Art of the 20th Century I (HU & H)

ARS 439: Art of the 20th Century II (HU & H)

ARS 456: Introduction to Museums

ART 308: 2D Digital Animation I

ART 312: Illustration

ART 346: 3D Computer Imaging and Animation (CS)

ART 348: Animation Motion Studies

ART 394: Digital Photography for Non-Majors

ART 424: Stop Motion Animation

ART 439: Studio Inquiry: Practice and Cultural Context

ART 440: Experimental Video Art

ART 442: Art and Community

ART 445: Digital Processes for Printmaking

ART 444: Short Subject: Documentary Video

ART 494: Visual Prototyping

ART 494: Women/Art/Technology

Upper Division Art History Course List

ARS 345: Art and Television

ARS 370: The Art of the Comic

ARS 394: Anime

ARS 438: Art of the 20th Century I (HU & H)

ARS 439: Art of the 20th Century II (HU & H)

ARS 456: Introduction to Museums

Media Engineering Course List

Upper Division Studio Art Course List

ART 308: 2D Digital Animation I

ART 312: Illustration

ART 346: 3D Computer Imaging and Animation (CS)

ART 348: Animation Motion Studies

ART 394: Digital Photography for Non-Majors

ART 424: Stop Motion Animation

ART 439: Studio Inquiry: Practice and Cultural Context

ART 440: Experimental Video Art

ART 442: Art and Community

ART 444: Short Subject: Documentary Video

ART 445: Digital Processes for Printmaking

ART 494: Visual Prototyping

ART 494: Women/Art/Technology

Related Digital Culture Course List

History/Theory Course List

ALA 100: Introduction to Environmental Design (HU & H & G)	AME 394: Synthesis and Expression	ALA OR AME OR ART OR CPI OR CSE OR EDS OR ENG OR ENT OR FIS OR FMP OR FMS OR FSH OR GIT OR GRA OR HDA OR HSE OR IAP OR IND OR INT OR MCO OR MDC OR MTC OR MUP OR MUS OR STS OR TEM OR THE OR THF OR THP OR TWC Elective
ALA 102: Landscapes and Sustainability (HU & G)	AME 410: Interactive Materials	
APH 300: World Architecture I/Western Cultures (HU & H & G)	AME 430: Mac Development for Media Arts	
APH 313: History of Architecture I ((L or HU) & G & H)	AME 435: Mobile Development	
APH 314: History of Architecture II ((L or HU) & G & H)	AME 470: Programming for Social and Interactive Media	
ARA 202: Understanding Photographs	AME 494: Animating Virtual Worlds	
ARS 102: Art from Renaissance to Modernism (HU & H)	AME 494: Musical Microcontrollers	
ARS 345: Art and Television	AME 494: Programming for the Internet of Things	
ARS 394: Anime	EEE 307: Signal Processing for Digital Culture	
ARS 438: Art of the 20th Century I (HU & H)	GIT 335: Computer Systems Technology	
ARS 439: Art of the 20th Century II (HU & H)		
DCE 300: Dancing Histories (HU)		
DSC 101: Design Awareness (HU & G)		
FMP 294: History of Film & Television Production		
FMP 403: Independent Film (HU)		
FMP 405: Film and Television: Pioneers, Practices and Innovations		
GRA 111: Graphic Design History I (HU)		
GRA 112: Graphic Design History II		
IAP 304: Traditions of the Avant-Garde and Experimental Art (L or HU)		
IAP 305: 20th and 21st Century Art, Performance, and Media (L or HU)		
IND 316: 20th-Century Design I (HU & H)		
IND 317: 20th-Century Design II (HU & H)		
INT 111: Interior Design Issues and Theories (HU)		
INT 310: History of Interior Design I (HU & H)		
INT 311: History of Interior Design II (HU & H)		
LAP 311: History of Landscape Architecture (HU & H)		

LAP 312: 20th-Century Landscape  
Architecture (HU)

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MUS 347: Jazz in America (HU & C)

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MUS 354: Special Topics

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MUS 356: Broadway and the American  
Musical (HU)

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MUS 362: Rap Music and Hip Hop Culture  
(HU & C)

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STS 303: History of Science and Technology  
(H)

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THE 320: History of the Theatre I (HU & H)

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THE 322: Theatre History and Culture (HU &  
H)

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**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 3.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

## 2023 - 2024 Major Map





### Media Arts and Sciences (Design), BA




School/College: [Herberger Institute for Design and the Arts](#)




Location: [Tempe](#)



HIDGCDBA



This program's name has changed effective Fall 2023. The previous name was Digital Culture (Design).




Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 AME 111: Introduction to Digital Culture (CS)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. Digital Culture students complete AME 101 to fulfill this requirement.</li> <li>Only students with posted credit for ENG 101 may enroll in AME 130 in Term 1.</li> </ul>
AME 101: ASU Digital Culture Experience	1	C	
<i>Complete 2 courses:</i>			
AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS)	6	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117: College Algebra (MA)	3	C	
 Maintain 3.00 GPA in Digital Culture coursework.			
 Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 2 16 - 31 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS)	3	C	<ul style="list-style-type: none"> <li>All Digital Culture majors must have a minimum 3.00 Digital Culture GPA at the end of Term 2 to continue in the program. If a student's Digital Culture GPA is below a 3.00, the student will be placed on a probationary status for one term. If the student is not successful in raising their Digital Culture GPA to a 3.00 after the probationary term, the student will not be able to continue in the Digital Culture program.</li> <li>Join a <b>student club</b> or professional organization.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Digital Culture Flexible Elective	3	C	
Lower Division Design Concentration	3	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Milestone: GPA First-Year Review			
Maintain 3.00 GPA in Digital Culture coursework.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 3 31 - 47 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 Digital Media OR Digital Culture Studies	3	C	<ul style="list-style-type: none"> <li>Digital Media courses include digital media projects within a trans-disciplinary area of study. See course list or talk to your advisor for specific course options.</li> <li>Build your <b>skills</b>.</li> </ul>
Lower Division Design Concentration	3	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Natural Science - Quantitative (SQ) ( PHY 101 recommended)	4		
Social-Behavioral Sciences (SB)	3		
 Complete Mathematics (MA) requirement.			
Complete First-Year Composition requirement.			
Maintain 3.00 GPA in Digital Culture coursework.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 4 47 - 63 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 Digital Media OR Digital Culture Studies	3	C	
Lower Division Design Concentration	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	3		
Maintain 3.00 GPA in Digital Culture coursework.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 Upper Division Digital Culture Studies	3	C	<ul style="list-style-type: none"> <li>Related Digital Culture courses are selective electives that allow students to take courses in an area of interest that connects to their study of Digital Culture and personal career interests.</li> <li>Build a digital portfolio.</li> </ul>
Upper Division Digital Culture Studies OR Related Digital Culture Course	3	C	
Upper Division Digital Media OR Upper Division Digital Culture Studies	3	C	
History/Theory Course	3	C	
Elective OR AME 484: Internship	3		
Maintain 3.00 GPA in Digital Culture coursework.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 Upper Division Digital Culture Studies	3	C	<ul style="list-style-type: none"> <li>Explore an <b>internship</b>.</li> </ul>
Upper Division Design Concentration	3	C	
Upper Division Digital Media OR Upper Division Digital Culture Studies	3	C	
Upper Division History/Theory Course	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Maintain 3.00 GPA in Digital Culture coursework.			



Minimum 2.50 GPA ASU Cumulative.

Term hours subtotal: 15

Term 7 93 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ AME 485: Digital Culture Capstone I	3	C	<ul style="list-style-type: none"> <li>All Digital Culture majors must have a minimum 3.00 Digital Culture GPA to meet graduation requirements. If you are not meeting this GPA requirement, please see your advisor.</li> <li>Gather professional references.</li> </ul>
Upper Division Design Concentration	3	C	
Upper Division Digital Culture Studies	3	C	
Upper Division Related Digital Culture Course OR Upper Division Digital Media Course	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Maintain 3.00 GPA in Digital Culture coursework.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:		15	

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ AME 486: Digital Culture Capstone II	3	C	
Upper Division Design Concentration	3	C	
Upper Division Digital Culture Studies	3	C	
Upper Division Media Engineering Course	3	C	
Maintain 3.00 GPA in Digital Culture coursework.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:		12	

Hide Course List(s)/Track Group(s)

Digital Culture Flexible Elective	Digital Culture Studies Course List	Digital Media Course List
AME OR MDC Lower Division Elective	AME 210: Media Editing	ART 116: Introduction to Digital Media
	AME 220: Programming for the Web (CS)	ART 206: Digital Photography I
	AME 240: Introduction to Physical Computing	ART 217: Introduction to Computer Animation
	AME 244: Introduction to Interactive Environments	ART 308: 2D Digital Animation
	AME 294: Circuit Bending	ART 312: Illustration
	AME 294: Design Politics	ART 346: 3-D Computer Imaging and Animation (CS)
	AME 294: Soundscape Ecology	ART 348: Animation Motion Studies
	AME 294: Special Topics	ART 394: Digital Photography for Non-Majors
	AME 310: Media Literacies and Composition	ART 424: Stop Motion Animation
	AME 320: Motion Capture for Integrative Systems	ART 438: Moving and Interactive Systems in Sculpture
	AME 325: Technical Lives	ART 440: Experimental Video Art
	AME 330: Digital-Physical Systems	ART 444: Short Subject: Documentary Video
	AME 333: Improvising Cyborgs	ART 494: Visual Prototyping

AME 360: Designing Mixed-Reality Experiences	CIS 300: Web Design and Development
AME 394: Computational Photography	CPI 111: Game Development I (CS)
AME 394: Special Topics	DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture
AME 410: Interactive Materials	EDT 440: Creating and Marketing Mobile Apps
AME 411: Advanced Interactive Sound	FMP 215: Beginning Post-Production for Film & Television: Adobe Premier Pro
AME 430: Mac Development for Media Arts	FMP 225: Principles of Visual Effects Compositing
AME 435: Mobile Development	FMP 240: Introduction to Animation for Film
AME 444: Media Installations	FMP 255: Media Authorship (CS)
AME 470: Programming for Social and Interactive Media	FMP 315: Sound Design for Film and Media I
AME 494: Animating Virtual Worlds	FMS 200: Film and Media History ((L or HU) & H)
AME 494: Special Topics	FMS 294: Introduction to Videogames
ART 116: Introduction to Digital Media	FMS 351: Emerging Digital Media
ART 378: Digital Textiles	FMS 365: Video Games and Narrative
DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture	GIT 135: Graphic Communications
FSH 394: Fashion Design & Wearable Technology	GIT 211: 3D Media Production
MDC 211: Introduction to Digital Sound	GIT 215: Introduction to Web Authoring
MDC 311: Composing and Performing for Hybrid Ensembles	GIT 230: Digital Illustration in Publishing
MDC 411: Advanced Interactive Sound	GIT 314: Multimedia Design, Planning and Storyboards
	GIT 402: New Media Internet Technologies
	GRA 294: Illustrator
	GRA 294: InDesign
	GRA 294: Photoshop
	IAP 103: Foundations I: Interdisciplinary Art Practice
	IAP 104: Foundations I: Fundamentals of Sound Art
	IAP 322: Multitrack Digital Recording
	IAP 361: Digital Editing and Media Literacy (CS)
	IAP 364: Documentaries
	IAP 367: Motion Graphics and Animation
	IAP 375: Contemporary Performance: Theories and Practice
	IAP 462: Games and Play

IAP 480: Art as Praxis: From Conceptualization to Production

MCO 433: Social Media Campaigns, Engagement and Research

MDC 311: Composing and Performing for Hybrid Ensembles

MHL 201: Media Literacy for Musicians (CS)

TWC 411: Principles of Visual Communication (L)

TWC 451: Copyright and Intellectual Property in the Electronic Age

TWC 452: Information in the Digital Age

Lower Division Design Concentration	Upper Division Design Concentration	History/Theory Course List
ALA 100: Introduction to Environmental Design (HU & H & G)	APH 300: World Architecture I/Western Cultures (HU & H & G)	ALA 100: Introduction to Environmental Design (HU & H & G)
ALA 102: Landscapes and Sustainability (HU & G)	APH 314: History of Architecture II ((L or HU) & G & H)	ALA 102: Landscapes and Sustainability (HU & G)
DSC 101: Design Awareness (HU & G)	APH 421: First Concepts: What is... The Writing, Philosophy, and Culture of Architecture (L or HU)	APH 300: World Architecture I/Western Cultures (HU & H & G)
EDS 223: Design Thinking	APH 494: Special Topics	APH 313: History of Architecture I ((L or HU) & G & H)
GRA 101: Designing Life	ARC 431: Contemporary Architecture and Urbanism 1970 to the Present (HU & H)	APH 314: History of Architecture II ((L or HU) & G & H)
GRA 111: Graphic Design History I (HU)	ARC 434: Great Cities ((L or HU) & H)	ARA 202: Understanding Photographs
GRA 112: Graphic Design History II	ARC 436: Charles and Ray Eames (HU)	ARS 102: Art from Renaissance to Modernism (HU & H)
GRA 225: Communication/Interaction Design Theory	DSC 394: Special Topics	ARS 345: Art and Television
GRA 294: Special Topics	DSC 494: Special Topics	ARS 394: Anime
IND 242: Materials and Design	EDS 301: Sustainable Community Design and Practices (HU)	ARS 438: Art of the 20th Century I (HU & H)
IND 243: Design for Ecology and Social Equity	GRA 345: Design Rhetoric (L)	ARS 439: Art of the 20th Century II (HU & H)
INT 111: Interior Design Issues and Theories (HU)	GRA 401: Creative Environment	DCE 300: Dancing Histories (HU)
INT 121: Introduction to Computer Modeling for Interior Design (CS)	GRA 440: Finding Purpose	DSC 101: Design Awareness (HU & G)
INT 123: Introduction to Computer-Aided Design and Building Information Modeling	IND 316: 20th-Century Design I (HU & H)	FMP 294: History of Film & Television Production
INT 131: Design and Human Behavior (SB)	IND 317: 20th-Century Design II (HU & H)	FMP 403: Independent Film (HU)
LAP 251: Plant Materials for Sustainable Landscapes	IND 344: Human Factors in Design	FMP 405: Film and Television: Pioneers, Practices and Innovations
	IND 354: Principles of Product Design	GRA 111: Graphic Design History I (HU)
	INT 310: History of Interior Design I (HU & H)	GRA 112: Graphic Design History II
	INT 311: History of Interior Design II (HU & H)	
	INT 415: Latin American Design	

INT 494: Special Topics	IAP 304: Traditions of the Avant-Garde and Experimental Art (L or HU)
LAP 311: History of Landscape Architecture (HU & H)	IAP 305: 20th and 21st Century Art, Performance, and Media (L or HU)
LAP 312: 20th-Century Landscape Architecture (HU)	IND 316: 20th-Century Design I (HU & H)
LAP 485: International Field Studies (G)	IND 317: 20th-Century Design II (HU & H)
LAP 494: Special Topics	INT 111: Interior Design Issues and Theories (HU)
LPH 494: Special Topics	INT 310: History of Interior Design I (HU & H)
	INT 311: History of Interior Design II (HU & H)
	LAP 311: History of Landscape Architecture (HU & H)
	LAP 312: 20th-Century Landscape Architecture (HU)
	MUS 347: Jazz in America (HU & C)
	MUS 354: Special Topics
	MUS 356: Broadway and the American Musical (HU)
	MUS 362: Rap Music and Hip Hop Culture (HU & C)
	STS 303: History of Science and Technology (H)
	THE 320: History of the Theatre I (HU & H)
	THE 322: Theatre History and Culture (HU & H)

Media Engineering Course List	Related Digital Culture Course List
AME 394: Synthesis and Expression	ALA OR AME OR ART OR CPI OR CSE OR EDS OR ENG OR ENT OR FIS OR FMP OR FMS OR FSH OR GIT OR GRA OR HDA OR HSE OR IAP OR IND OR INT OR MCO OR MDC OR MTC OR MUP OR MUS OR STS OR TEM OR THE OR THF OR THP OR TWC Elective
AME 410: Interactive Materials	
AME 430: Mac Development for Media Arts	
AME 435: Mobile Development	
AME 470: Programming for Social and Interactive Media	
AME 494: Animating Virtual Worlds	
AME 494: Musical Microcontrollers	
AME 494: Programming for the Internet of Things	
EEE 307: Signal Processing for Digital Culture	
GIT 335: Computer Systems Technology	

**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 3.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

## 2023 - 2024 Major Map





### Media Arts and Sciences (English), BA




School/College: [Herberger Institute for Design and the Arts](#)



Location: [Tempe](#)



HIDGCENBA



This program's name has changed effective Fall 2023. The previous name was Digital Culture (English).




Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 AME 111: Introduction to Digital Culture (CS)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. Digital Culture students complete AME 101 to fulfill this requirement.</li> <li>Only students with posted credit for ENG 101 may enroll in AME 130 in Term 1.</li> </ul>
AME 101: ASU Digital Culture Experience	1	C	
<i>Complete 2 courses:</i>			
AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS)	6	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117: College Algebra (MA)	3	C	
 Maintain 3.00 GPA in Digital Culture coursework.			
 Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 2 16 - 31 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS)	3	C	<ul style="list-style-type: none"> <li>All Digital Culture majors must have a minimum 3.00 Digital Culture GPA at the end of Term 2 to continue in the program. If a student's Digital Culture GPA is below a 3.00, the student will be placed on a probationary status for one term. If the student is not successful in raising their Digital Culture GPA to a 3.00 after the probationary term, the student will not be able to continue in the Digital Culture program.</li> <li>Join a <b>student club</b> or professional organization.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Lower Division Digital Culture Studies	3	C	
Digital Culture Flexible Elective	3	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Milestone: GPA First-Year Review			
Maintain 3.00 GPA in Digital Culture coursework.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 3 31 - 47 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ENG 200: Critical Reading and Writing About Literature (L or HU)	3	C	• Build your <b>skills</b> .
English Concentration Electives Category I	3	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Natural Science - Quantitative (SQ) ( PHY 101 recommended)	4		
Social-Behavioral Sciences (SB)	3		
 Complete Mathematics (MA) requirement.			
Complete First-Year Composition requirement.			
Maintain 3.00 GPA in Digital Culture coursework.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 4 47 - 62 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 Digital Media OR Digital Culture Studies	3	C	• Digital Media courses include digital media projects within a trans-disciplinary area of study. See the course list below or talk to your advisor for specific course options.
Complete 2 courses:			
English Concentration Electives Category I	6	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Elective	3		
Maintain 3.00 GPA in Digital Culture coursework.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 5 62 - 78 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 Upper Division Digital Culture Studies	3	C	• Build a digital portfolio.
Upper Division Digital Media OR Upper Division Digital Culture Studies	3	C	
Complete 2 courses:			
Upper Division English Concentration Electives Category II	6	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Maintain 3.00 GPA in Digital Culture coursework.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 6 78 - 93 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 Upper Division Digital Culture Studies	3	C	• Explore an <b>internship</b> .
ENG 400: History of Literary Criticism (L or HU) OR ENG 401: Topics in Critical Theory OR ENG 472: Rhetorical Studies	3	C	
Upper Division Digital Media OR Upper Division Digital Culture Studies	3	C	
Upper Division English Concentration Electives Category III	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Maintain 3.00 GPA in Digital Culture coursework.			

Minimum 2.50 GPA ASU Cumulative.

Term hours subtotal: 15

Term 7 93 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ AME 485: Digital Culture Capstone I	3	C	<ul style="list-style-type: none"> <li>All Digital Culture majors must have a minimum 3.00 Digital Culture GPA to meet graduation requirements. If you are not meeting this GPA requirement, please see your advisor.</li> <li>Gather professional references.</li> </ul>
Upper Division Digital Culture Studies OR Upper Division Media Engineering Course	3	C	
Upper Division Digital Media OR Upper Division Digital Culture Studies	3	C	
Upper Division English Concentration Electives Category III	3	C	
Elective OR AME 484: Internship	3		
Maintain 3.00 GPA in Digital Culture coursework.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:		15	

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ AME 486: Digital Culture Capstone II	3	C	
Upper Division Digital Media OR Upper Division Digital Culture Studies	3	C	
Upper Division English Concentration Electives Category III	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Maintain 3.00 GPA in Digital Culture coursework.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:		12	

Hide Course List(s)/Track Group(s)

Digital Culture Flexible Elective	Digital Culture Studies Course List	Media Engineering Course List
AME OR MDC Lower Division Elective	AME 210: Media Editing	AME 394: Synthesis and Expression
	AME 220: Programming for the Web (CS)	AME 410: Interactive Materials
	AME 240: Introduction to Physical Computing	AME 430: Mac Development for Media Arts
	AME 244: Introduction to Interactive Environments	AME 435: Mobile Development
	AME 294: Circuit Bending	AME 470: Programming for Social and Interactive Media
	AME 294: Design Politics	AME 494: Animating Virtual Worlds
	AME 294: Soundscape Ecology	AME 494: Musical Microcontrollers
	AME 294: Special Topics	AME 494: Programming for the Internet of Things
	AME 310: Media Literacies and Composition	EEE 307: Signal Processing for Digital Culture
	AME 320: Motion Capture for Integrative Systems	GIT 335: Computer Systems Technology
	AME 325: Technical Lives	
	AME 330: Digital-Physical Systems	



AME 333: Improvising Cyborgs

AME 360: Designing Mixed-Reality Experiences

AME 394: Computational Photography

AME 394: Special Topics

AME 410: Interactive Materials

AME 411: Advanced Interactive Sound

AME 430: Mac Development for Media Arts

AME 435: Mobile Development

AME 444: Media Installations

AME 470: Programming for Social and Interactive Media

AME 494: Animating Virtual Worlds

AME 494: Special Topics

ART 116: Introduction to Digital Media

ART 378: Digital Textiles

DCE 294:  
HybridAction:PhysicalIntelligenceinDigitalCulture

FSH 394: Fashion Design & Wearable Technology

MDC 211: Introduction to Digital Sound

MDC 311: Composing and Performing for Hybrid Ensembles

MDC 411: Advanced Interactive Sound

Digital Media Course List	English Concentration Electives Category I (select 9 credits)	English Concentration Electives Category II (select 6 credits)
ART 116: Introduction to Digital Media		
ART 206: Digital Photography I	ENG 205: Introduction to Writing, Rhetorics and Literacies (L)	ENG 312: English in its Social Setting (L or HU or SB)
ART 217: Introduction to Computer Animation	ENG 210: Introduction to Creative Writing	ENG 314: Modern Grammar
ART 308: 2D Digital Animation I	ENG 213: Introduction to the Study of Language	ENG 403: Semantics
ART 312: Illustration		ENG 447: Experimental Narrative (HU)
ART 346: 3D Computer Imaging and Animation (CS)	FMS 200: Film and Media History ((L or HU) & H)	FMS 351: Emerging Digital Media
ART 348: Animation Motion Studies		
ART 394: Digital Photography for Non-Majors		
ART 424: Stop Motion Animation		
ART 438: Moving and Interactive Systems in Sculpture		
ART 440: Experimental Video Art		
ART 444: Short Subject: Documentary Video		

ART 494: Visual Prototyping

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CIS 300: Web Design and Development

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CPI 111: Game Development I (CS)

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DCE 294:

HybridAction:PhysicalIntelligenceinDigitalCulture

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EDT 440: Creating and Marketing Mobile Apps

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FMP 215: Beginning Post-Production for Film &  
Television: Adobe Premier Pro

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FMP 225: Principles of Visual Effects  
Compositing

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FMP 240: Introduction to Animation for Film

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FMP 255: Media Authorship (CS)

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FMP 315: Sound Design for Film and Media I

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FMS 200: Film and Media History ((L or HU) &  
H)

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FMS 294: Introduction to Videogames

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FMS 351: Emerging Digital Media

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FMS 365: Video Games and Narrative

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GIT 135: Graphic Communications

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GIT 211: 3D Media Production

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GIT 215: Introduction to Web Authoring

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GIT 230: Digital Illustration in Publishing

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GIT 314: Multimedia Design, Planning and  
Storyboards

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GIT 402: New Media Internet Technologies

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GRA 294: Illustrator

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GRA 294: InDesign

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GRA 294: Photoshop

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IAP 103: Foundations I: Interdisciplinary Art  
Practice

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IAP 104: Foundations I: Fundamentals of Sound  
Art

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IAP 322: Multitrack Digital Recording

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IAP 361: Digital Editing and Media Literacy (CS)

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IAP 364: Documentaries

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IAP 367: Motion Graphics and Animation

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IAP 375: Contemporary Performance: Theories  
and Practice

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IAP 462: Games and Play

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IAP 480: Art as Praxis: From Conceptualization to Production

MCO 433: Social Media Campaigns, Engagement and Research

MDC 311: Composing and Performing for Hybrid Ensembles

MHL 201: Media Literacy for Musicians (CS)

TWC 411: Principles of Visual Communication (L)

TWC 451: Copyright and Intellectual Property in the Electronic Age

TWC 452: Information in the Digital Age

English Concentration Electives Category III  
(select 9 credits)

ENG Upper Division Elective

FMS Upper Division Elective

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

## 2023 - 2024 Major Map





### Media Arts and Sciences (Film), BA




School/College: [Herberger Institute for Design and the Arts](#)



Location: [Tempe](#)



HIDGCFBA



This program's name has changed effective Fall 2023. The previous name was Digital Culture (Film).




Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 AME 111: Introduction to Digital Culture (CS)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. Digital Culture students complete AME 101 to fulfill this requirement.</li> <li>Only students with posted credit for ENG 101 may enroll in AME 130 in Term 1.</li> </ul>
AME 101: ASU Digital Culture Experience	1	C	
<i>Complete 2 courses:</i>			
AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS)	6	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117: College Algebra (MA)	3	C	
 Maintain 3.00 GPA in Digital Culture coursework.			
 Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 2 16 - 31 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS)	3	C	<ul style="list-style-type: none"> <li>All Digital Culture majors must have a minimum 3.00 Digital Culture GPA at the end of Term 2 to continue in the program. If a student's Digital Culture GPA is below a 3.00, the student will be placed on a probationary status for one term. If the student is not successful in raising their Digital Culture GPA to a 3.00 after the probationary term, the student will not be able to continue in the Digital Culture program.</li> <li>Join a <b>student club</b> or professional organization.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
FMP 201: Film: The Creative Process I (HU)	3	C	
Digital Culture Flexible Elective	3	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Milestone: GPA First-Year Review			
Maintain 3.00 GPA in Digital Culture coursework.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 3 31 - 47 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
FMP 180: Principles of Production Technology	3	C	<ul style="list-style-type: none"> <li>Digital Media courses include digital media projects within a trans-disciplinary area of study. See course list below or talk to your advisor for specific course options.</li> <li>Build your <i>skills</i>.</li> </ul>
Digital Media OR Digital Culture Studies	3	C	
Global Awareness (G)	3		
Natural Science - Quantitative (SQ) ( PHY 101 recommended)	4		
Social-Behavioral Sciences (SB)	3		
 Complete Mathematics (MA) requirement.			
Complete First-Year Composition requirement.			
Maintain 3.00 GPA in Digital Culture coursework.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 4 47 - 63 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 Digital Media OR Digital Culture Studies	3	C	
FMP 280: Introduction to Film and Media Production	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	3		
Maintain 3.00 GPA in Digital Culture coursework.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 Upper Division Digital Culture Studies	3	C	<ul style="list-style-type: none"> <li>Related Digital Culture courses are selective electives that allow students to take courses in an area of interest that connects to their study of Digital Culture and personal career interests.</li> <li>Build a digital portfolio.</li> </ul>
Upper Division Digital Culture Studies OR Related Digital Culture Course	3	C	
Upper Division Digital Media OR Upper Division Digital Culture Studies	3	C	
History/Theory Course	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Maintain 3.00 GPA in Digital Culture coursework.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 Upper Division Digital Culture Studies	3	C	<ul style="list-style-type: none"> <li>Explore an <i>internship</i>.</li> </ul>
Upper Division Digital Media OR Upper Division Digital Culture Studies	3	C	
Upper Division Film Concentration	3	C	
Upper Division History/Theory Course	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			

Maintain 3.00 GPA in Digital Culture coursework.

Minimum 2.50 GPA ASU Cumulative.

Term hours subtotal: 15

Term 7 93 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ AME 485: Digital Culture Capstone I	3	C	<ul style="list-style-type: none"> <li>All Digital Culture majors must have a minimum 3.00 Digital Culture GPA to meet graduation requirements. If you are not meeting this GPA requirement, please see your advisor.</li> <li>Gather professional references.</li> </ul>
Upper Division Digital Culture Studies	3	C	
Upper Division Film Concentration	3	C	
Upper Division Related Digital Culture Course OR Upper Division Digital Media	3	C	
Elective OR AME 484: Internship	3		
Maintain 3.00 GPA in Digital Culture coursework.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ AME 486: Digital Culture Capstone II	3	C	
Upper Division Digital Culture Studies	3	C	
Upper Division Film Concentration	3	C	
Upper Division Media Engineering	3	C	
Maintain 3.00 GPA in Digital Culture coursework.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

Digital Culture Flexible Elective	Digital Culture Studies Course List	Digital Media Course List
AME OR MDC Lower Division Elective	AME 210: Media Editing	ART 116: Introduction to Digital Media
	AME 220: Programming for the Web (CS)	ART 206: Digital Photography I
	AME 240: Introduction to Physical Computing	ART 217: Introduction to Computer Animation
	AME 244: Introduction to Interactive Environments	ART 308: 2D Digital Animation I
	AME 294: Circuit Bending	ART 312: Illustration
	AME 294: Design Politics	ART 346: 3D Computer Imaging and Animation (CS)
	AME 294: Soundscape Ecology	ART 348: Animation Motion Studies
	AME 294: Special Topics	ART 394: Digital Photography for Non-Majors
	AME 310: Media Literacies and Composition	ART 424: Stop Motion Animation
	AME 320: Motion Capture for Integrative Systems	ART 438: Moving and Interactive Systems in Sculpture
	AME 325: Technical Lives	ART 440: Experimental Video Art
	AME 330: Digital-Physical Systems	ART 444: Short Subject: Documentary Video
	AME 333: Improvising Cyborgs	

AME 360: Designing Mixed-Reality Experiences	ART 494: Visual Prototyping
AME 394: Computational Photography	CIS 300: Web Design and Development
AME 394: Special Topics	CPI 111: Game Development I (CS)
AME 410: Interactive Materials	DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture
AME 411: Advanced Interactive Sound	EDT 440: Creating and Marketing Mobile Apps
AME 430: Mac Development for Media Arts	FMP 215: Beginning Post-Production for Film & Television: Adobe Premier Pro
AME 435: Mobile Development	FMP 225: Principles of Visual Effects Compositing
AME 444: Media Installations	FMP 240: Introduction to Animation for Film
AME 470: Programming for Social and Interactive Media	FMP 255: Media Authorship (CS)
AME 494: Animating Virtual Worlds	FMP 315: Sound Design for Film and Media I
AME 494: Special Topics	FMS 200: Film and Media History ((L or HU) & H)
ART 116: Introduction to Digital Media	FMS 294: Introduction to Videogames
ART 378: Digital Textiles	FMS 351: Emerging Digital Media
DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture	FMS 365: Video Games and Narrative
FSH 394: Fashion Design & Wearable Technology	GIT 135: Graphic Communications
MDC 211: Introduction to Digital Sound	GIT 211: 3D Media Production
MDC 311: Composing and Performing for Hybrid Ensembles	GIT 215: Introduction to Web Authoring
MDC 411: Advanced Interactive Sound	GIT 230: Digital Illustration in Publishing
	GIT 314: Multimedia Design, Planning and Storyboards
	GIT 402: New Media Internet Technologies
	GRA 294: Illustrator
	GRA 294: InDesign
	GRA 294: Photoshop
	IAP 103: Foundations I: Interdisciplinary Art Practice
	IAP 104: Foundations I: Fundamentals of Sound Art
	IAP 322: Multitrack Digital Recording
	IAP 361: Digital Editing and Media Literacy (CS)
	IAP 364: Documentaries
	IAP 367: Motion Graphics and Animation
	IAP 375: Contemporary Performance: Theories and Practice
	IAP 462: Games and Play

IAP 480: Art as Praxis: From Conceptualization to Production

MCO 433: Social Media Campaigns, Engagement and Research

MDC 311: Composing and Performing for Hybrid Ensembles

MHL 201: Media Literacy for Musicians (CS)

TWC 411: Principles of Visual Communication (L)

TWC 451: Copyright and Intellectual Property in the Electronic Age

TWC 452: Information in the Digital Age

History/Theory Course List	Media Engineering Course List	Related Digital Culture Course List
ALA 100: Introduction to Environmental Design (HU & H & G)	AME 394: Synthesis and Expression	ALA OR AME OR ART OR CPI OR CSE OR EDS OR ENG OR ENT OR FIS OR FMP OR FMS OR FSH OR GIT OR GRA OR HDA OR HSE OR IAP OR IND OR INT OR MCO OR MDC OR MTC OR MUP OR MUS OR STS OR TEM OR THE OR THF OR THP OR TWC Elective
ALA 102: Landscapes and Sustainability (HU & G)	AME 410: Interactive Materials	
APH 300: World Architecture I/Western Cultures (HU & H & G)	AME 430: Mac Development for Media Arts	
APH 313: History of Architecture I ((L or HU) & G & H)	AME 435: Mobile Development	
APH 314: History of Architecture II ((L or HU) & G & H)	AME 470: Programming for Social and Interactive Media	
ARA 202: Understanding Photographs	AME 494: Animating Virtual Worlds	
ARS 102: Art from Renaissance to Modernism (HU & H)	AME 494: Musical Microcontrollers	
ARS 345: Art and Television	AME 494: Programming for the Internet of Things	
ARS 394: Anime	EEE 307: Signal Processing for Digital Culture	
ARS 438: Art of the 20th Century I (HU & H)	GIT 335: Computer Systems Technology	
ARS 439: Art of the 20th Century II (HU & H)		
DCE 300: Dancing Histories (HU)		
DSC 101: Design Awareness (HU & G)		
FMP 294: History of Film & Television Production		
FMP 403: Independent Film (HU)		
FMP 405: Film and Television: Pioneers, Practices and Innovations		
GRA 111: Graphic Design History I (HU)		
GRA 112: Graphic Design History II		
IAP 304: Traditions of the Avant-Garde and Experimental Art (L or HU)		



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IAP 305: 20th and 21st Century Art,  
Performance, and Media (L or HU)

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IND 316: 20th-Century Design I (HU & H)

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IND 317: 20th-Century Design II (HU & H)

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INT 111: Interior Design Issues and Theories  
(HU)

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INT 310: History of Interior Design I (HU &  
H)

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INT 311: History of Interior Design II (HU &  
H)

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LAP 311: History of Landscape Architecture  
(HU & H)

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LAP 312: 20th-Century Landscape  
Architecture (HU)

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MUS 347: Jazz in America (HU & C)

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MUS 354: Special Topics

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MUS 356: Broadway and the American  
Musical (HU)

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MUS 362: Rap Music and Hip Hop Culture  
(HU & C)

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STS 303: History of Science and Technology  
(H)

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THE 320: History of the Theatre I (HU & H)

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THE 322: Theatre History and Culture (HU &  
H)

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**Film Concentration**

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FMP 300: Film Production: Film & Media Part  
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FMP 315: Sound Design for Film and Media I

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FMP 325: Intermediate Visual Effects  
Compositing

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FMP 335: Careers in Film and Media Industry

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FMP 345: Cinematography I

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FMP 350: Directing for Documentary Media

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FMP 370: Producing for Film and Media

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FMP 394: Special Topics

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FMP 400: Food in Film: Culture, Power &  
Desire

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FMP 403: Independent Film (HU)

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FMP 405: Film and Television: Pioneers,  
Practices and Innovations

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FMP 415: Sound Design for Film and Media II

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FMP 445: Cinematography II

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FMP 494: Special Topics

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**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 3.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

## 2023 - 2024 Major Map





### Media Arts and Sciences (Graphic Information Technology), BA




School/College: [Herberger Institute for Design and the Arts](#)



Location: [Tempe](#)



HIDGCTEBA



This program's name has changed effective Fall 2023. The previous name was Digital Culture (Graphic Information Technology).



Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 AME 111: Introduction to Digital Culture (CS)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. Digital Culture students complete AME 101 to fulfill this requirement.</li> <li>Only students with posted credit for ENG 101 may enroll in AME 130 in Term 1.</li> </ul>
AME 101: ASU Digital Culture Experience	1	C	
<i>Complete 2 courses:</i>			
AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS)	6	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117: College Algebra (MA)	3	C	
 Maintain 3.00 GPA in Digital Culture coursework.			
 Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 2 16 - 31 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS)	3	C	<ul style="list-style-type: none"> <li>All Digital Culture majors must have a minimum 3.00 Digital Culture GPA at the end of Term 2 to continue in the program. If a student's Digital Culture GPA is below a 3.00, the student will be placed on a probationary status for one term. If the student is not successful in raising their Digital Culture GPA to a 3.00 after the probationary term, the student will not be able to continue in the Digital Culture program.</li> <li>Join a <b>student club</b> or professional organization.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
GIT 230: Digital Illustration in Publishing	3	C	
Digital Culture Flexible Elective	3	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Milestone: GPA First-Year Review			
Maintain 3.00 GPA in Digital Culture coursework.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 3 31 - 47 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
GIT 211: 3D Media Production OR GIT 215: Introduction to Web Authoring	3	C	<ul style="list-style-type: none"> <li>• Students interested in the Animation focus should take GIT 211.</li> <li>• Students interested in the Web focus should take GIT 215.</li> <li>• Build your <b>skills</b>.</li> </ul>
TMC 110: Understanding the Enterprise	3	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Natural Science - Quantitative (SQ) ( PHY 101 recommended)	4		
Social-Behavioral Sciences (SB)	3		
 Complete Mathematics (MA) requirement.			
Complete First-Year Composition requirement.			
Maintain 3.00 GPA in Digital Culture coursework.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 4 47 - 62 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 Digital Media OR Digital Culture Studies	3	C	<ul style="list-style-type: none"> <li>• Digital Media courses include digital media projects within a trans-disciplinary area of study. See course list or talk to your advisor for specific course options.</li> <li>• Students interested in the Animation focus should take GIT 312.</li> <li>• Students interested in the Web focus should take GIT 337.</li> </ul>
GIT 312: Computer Animation and Motion Graphics (CS) OR GIT 337: Web Content Design	3	C	
Technological Entrepreneurship Course	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Elective	3		
Maintain 3.00 GPA in Digital Culture coursework.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 5 62 - 78 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 Upper Division Digital Culture Studies	3	C	<ul style="list-style-type: none"> <li>• Students interested in the Animation focus should take GIT 411.</li> <li>• Students interested in the Web focus should take GIT 414.</li> <li>• Build a digital portfolio.</li> </ul>
GIT 411: Visual Narrative in Motion Graphics OR GIT 414: Web Site Design and Internet/Web Technologies	3	C	
Upper Division Digital Media OR Upper Division Digital Culture Studies	3	C	
Upper Division Technological Entrepreneurship Course	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Maintain 3.00 GPA in Digital Culture coursework.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 6 78 - 93 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 Upper Division Digital Culture Studies	3	C	<ul style="list-style-type: none"> <li>• Students interested in the Animation focus should take GIT 314.</li> <li>• Students interested in the Web focus should take GIT 402 or GIT 417.</li> <li>• Explore an <b>internship</b>.</li> </ul>
GIT 402: New Media Internet Technologies OR GIT 314: Multimedia Design, Planning and Storyboards OR GIT 417: Advanced Web Markup and Scripting	3	C	
Complete 2 courses:			
Upper Division Digital Media OR Upper Division Digital Culture Studies	6	C	
Upper Division Technological Entrepreneurship Course	3	C	

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Maintain 3.00 GPA in Digital Culture coursework.

Minimum 2.50 GPA ASU Cumulative.

Term hours subtotal: 15

Term 7 93 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ AME 485: Digital Culture Capstone I	3	C	<ul style="list-style-type: none"> <li>All Digital Culture majors must have a minimum 3.00 Digital Culture GPA to meet graduation requirements. If you are not meeting this GPA requirement, please see your advisor.</li> <li>Gather professional references.</li> </ul>
Upper Division Digital Culture Studies OR Media Engineering Course	3	C	
Upper Division Digital Media OR Upper Division Digital Culture Studies	3	C	
Upper Division Technological Entrepreneurship Course	3	C	
Elective OR AME 484: Internship	3		
Maintain 3.00 GPA in Digital Culture coursework.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ AME 486: Digital Culture Capstone II	3	C	
Upper Division Digital Culture Studies OR Upper Division Digital Media OR Media Engineering Course	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Literacy and Critical Inquiry (L)	3		
Maintain 3.00 GPA in Digital Culture coursework.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

Digital Culture Flexible Elective	Digital Culture Studies Course List	Digital Media Course List
AME OR MDC Lower Division Elective	AME 210: Media Editing	ART 116: Introduction to Digital Media
	AME 220: Programming for the Web (CS)	ART 206: Digital Photography I
	AME 240: Introduction to Physical Computing	ART 217: Introduction to Computer Animation
	AME 244: Introduction to Interactive Environments	ART 308: 2D Digital Animation I
	AME 294: Circuit Bending	ART 312: Illustration
	AME 294: Design Politics	ART 346: 3D Computer Imaging and Animation (CS)
	AME 294: Soundscape Ecology	ART 348: Animation Motion Studies
	AME 294: Special Topics	ART 394: Digital Photography for Non-Majors
	AME 310: Media Literacies and Composition	ART 424: Stop Motion Animation
	AME 320: Motion Capture for Integrative Systems	

AME 325: Technical Lives	ART 438: Moving and Interactive Systems in Sculpture
AME 330: Digital-Physical Systems	ART 440: Experimental Video Art
AME 333: Improvising Cyborgs	ART 444: Short Subject: Documentary Video
AME 360: Designing Mixed-Reality Experiences	ART 494: Visual Prototyping
AME 394: Computational Photography	CIS 300: Web Design and Development
AME 394: Special Topics	CPI 111: Game Development I (CS)
AME 410: Interactive Materials	DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture
AME 411: Advanced Interactive Sound	EDT 440: Creating and Marketing Mobile Apps
AME 430: Mac Development for Media Arts	FMP 215: Beginning Post-Production for Film & Television: Adobe Premier Pro
AME 435: Mobile Development	FMP 225: Principles of Visual Effects Compositing
AME 444: Media Installations	FMP 240: Introduction to Animation for Film
AME 470: Programming for Social and Interactive Media	FMP 255: Media Authorship (CS)
AME 494: Animating Virtual Worlds	FMP 315: Sound Design for Film and Media I
AME 494: Special Topics	FMS 200: Film and Media History ((L or HU) & H)
ART 116: Introduction to Digital Media	FMS 294: Introduction to Videogames
ART 378: Digital Textiles	FMS 351: Emerging Digital Media
DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture	FMS 365: Video Games and Narrative
FSH 394: Fashion Design & Wearable Technology	GIT 135: Graphic Communications
MDC 211: Introduction to Digital Sound	GIT 211: 3D Media Production
MDC 311: Composing and Performing for Hybrid Ensembles	GIT 215: Introduction to Web Authoring
MDC 411: Advanced Interactive Sound	GIT 230: Digital Illustration in Publishing
	GIT 314: Multimedia Design, Planning and Storyboards
	GIT 402: New Media Internet Technologies
	GRA 294: Illustrator
	GRA 294: InDesign
	GRA 294: Photoshop
	IAP 103: Foundations I: Interdisciplinary Art Practice
	IAP 104: Foundations I: Fundamentals of Sound Art
	IAP 322: Multitrack Digital Recording
	IAP 361: Digital Editing and Media Literacy (CS)
	IAP 364: Documentaries

IAP 367: Motion Graphics and Animation

IAP 375: Contemporary Performance: Theories and Practice

IAP 462: Games and Play

IAP 480: Art as Praxis: From Conceptualization to Production

MCO 433: Social Media Campaigns, Engagement and Research

MDC 311: Composing and Performing for Hybrid Ensembles

MHL 201: Media Literacy for Musicians (CS)

TWC 411: Principles of Visual Communication (L)

TWC 451: Copyright and Intellectual Property in the Electronic Age

TWC 452: Information in the Digital Age

Media Engineering Course List	Technological Entrepreneurship Course List
AME 394: Synthesis and Expression	OMT 430: Ethical Issues in Technology
AME 410: Interactive Materials	OMT 480: Organizational Effectiveness
AME 430: Mac Development for Media Arts	TEM 230: Creativity and Business Innovation
AME 435: Mobile Development	TEM 330: Systems Innovation
AME 470: Programming for Social and Interactive Media	TEM 431: Innovation Management
AME 494: Animating Virtual Worlds	TMC 310: Promotion of the Enterprise
AME 494: Musical Microcontrollers	TMC 320: Funding the Enterprise
AME 494: Programming for the Internet of Things	TMC 330: Leading the Enterprise
EEE 307: Signal Processing for Digital Culture	TMC 430: Enterprise Strategy and Innovation
GIT 335: Computer Systems Technology	

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**General University Requirements Legend**

General Studies Core Requirements:

**Major GPA:** 3.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for**  
**Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map





### Media Arts and Sciences (Interdisciplinary Arts and Performance), BA




School/College: [Herberger Institute for Design and the Arts](#)

Location: [Tempe](#)

HIDCIAPBA

This program's name has changed effective Fall 2023. The previous name was Digital Culture (Interdisciplinary Arts and Performance).

Term 1 0 - 16 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 AME 111: Introduction to Digital Culture (CS)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. Digital Culture students complete AME 101 to fulfill this requirement.</li> <li>Only students with posted credit for ENG 101 may enroll in AME 130 in Term 1.</li> </ul>
AME 101: ASU Digital Culture Experience	1	C	
<i>Complete 2 courses:</i>			
AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS)	6	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117: College Algebra (MA)	3	C	
 Maintain 3.00 GPA in Digital Culture coursework.			
 Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 2 16 - 31 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS)	3	C	<ul style="list-style-type: none"> <li>All Digital Culture majors must have a minimum 3.00 Digital Culture GPA at the end of Term 2 to continue in the program. If a student's Digital Culture GPA is below a 3.00, the student will be placed on a probationary status for one term. If the student is not successful in raising their Digital Culture GPA to a 3.00 after the probationary term, the student will not be able to continue in the Digital Culture program.</li> <li>Join a <b>student club</b> or professional organization.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
IAP 201: Introduction to Interdisciplinary Arts (HU) OR IAP 202: Perspectives on Interdisciplinary Arts and Performance (HU)	3	C	
Digital Culture Flexible Elective	3	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Milestone: GPA First-Year Review			
Maintain 3.00 GPA in Digital Culture coursework.			
Minimum 2.50 GPA ASU Cumulative.			

Term hours subtotal: 15

Term 3 31 - 47 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
Digital Media OR Digital Culture Studies	3	C	<ul style="list-style-type: none"> <li>Digital Media courses include digital media projects within a trans-disciplinary area of study. See course list or talk to your advisor for specific course options.</li> <li>Build your <b>skills</b>.</li> </ul>
Interdisciplinary Arts and Performance Concentration	3	C	
Natural Science - Quantitative (SQ) ( PHY 101 recommended)	4		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Elective	3		
<p>⚠ Complete Mathematics (MA) requirement.</p> <p>Complete First-Year Composition requirement.</p> <p>Maintain 3.00 GPA in Digital Culture coursework.</p> <p>Minimum 2.50 GPA ASU Cumulative.</p>			
Term hours subtotal:		16	

Term 4 47 - 62 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
⚠ Digital Media OR Digital Culture Studies	3	C	
<i>Complete 2 courses:</i>			
Interdisciplinary Arts and Performance Concentration	6	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Elective	3		
<p>Maintain 3.00 GPA in Digital Culture coursework.</p> <p>Minimum 2.50 GPA ASU Cumulative.</p>			
Term hours subtotal:		15	

Term 5 62 - 78 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Upper Division Digital Culture Studies	3	C	<ul style="list-style-type: none"> <li>Build a digital portfolio.</li> </ul>
IAP 304: Traditions of the Avant-Garde and Experimental Art (L or HU) OR IAP 305: 20th and 21st Century Art, Performance, and Media (L or HU)	3	C	
Upper Division Digital Media OR Upper Division Digital Culture Studies	3	C	
Upper Division Interdisciplinary Arts and Performance Concentration	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
<p>Maintain 3.00 GPA in Digital Culture coursework.</p> <p>Minimum 2.50 GPA ASU Cumulative.</p>			
Term hours subtotal:		16	

Term 6 78 - 93 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Upper Division Digital Culture Studies	3	C	<ul style="list-style-type: none"> <li>Explore an <b>internship</b>.</li> </ul>
Upper Division Digital Media OR Upper Division Digital Culture Studies	3	C	
<i>Complete 2 courses:</i>			
Upper Division Interdisciplinary Arts and Performance Concentration	6	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
<p>★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).</p>			

Maintain 3.00 GPA in Digital Culture coursework.

Minimum 2.50 GPA ASU Cumulative.

Term hours subtotal: 15

Term 7 93 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ AME 485: Digital Culture Capstone I	3	C	<ul style="list-style-type: none"> <li>All Digital Culture majors must have a minimum 3.00 Digital Culture GPA to meet graduation requirements. If you are not meeting this GPA requirement, please see your advisor.</li> <li>Gather professional references.</li> </ul>
Upper Division Digital Culture Studies OR Media Engineering Course	3	C	
Upper Division Digital Media OR Upper Division Digital Culture Studies	3	C	
Upper Division Interdisciplinary Arts and Performance Concentration	3	C	
Elective OR AME 484: Internship	3		
Maintain 3.00 GPA in Digital Culture coursework.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ AME 486: Digital Culture Capstone II	3	C	
Upper Division Digital Media OR Upper Division Digital Culture Studies	3	C	
Upper Division Interdisciplinary Arts and Performance Concentration	3	C	
Elective	3		
Maintain 3.00 GPA in Digital Culture coursework.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

Digital Culture Flexible Elective	Media Engineering Course List	Interdisciplinary Arts and Performance Concentration Course List
AME OR MDC Lower Division Elective	AME 394: Synthesis and Expression	IAP 102: Foundations I: Performance Techniques and Composition
	AME 410: Interactive Materials	IAP 103: Foundations I: Interdisciplinary Art Practice
	AME 430: Mac Development for Media Arts	IAP 104: Foundations I: Fundamentals of Sound Art
	AME 435: Mobile Development	IAP 105: Foundations I: Fundamentals of Visual Art
	AME 470: Programming for Social and Interactive Media	IAP 307: Art and War (HU & G)
	AME 494: Animating Virtual Worlds	IAP 321: Music Composition I
	AME 494: Musical Microcontrollers	IAP 322: Multitrack Digital Recording
	AME 494: Programming for the Internet of Things	IAP 324: The Voice and Performance
	EEE 307: Signal Processing for Digital Culture	
	GIT 335: Computer Systems Technology	

IAP 325: Sound Performance: Exploring Alternative Performance Groups

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IAP 333: Directing for Performance

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IAP 354: Visual Representation

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IAP 361: Digital Editing and Media Literacy (CS)

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IAP 363: Sound, Image, and Media

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IAP 365: Digital Interactivity

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IAP 375: Contemporary Performance: Theories and Practice

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IAP 394: Special Topics

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IAP 431: Perspectives on Performance and Acting

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IAP 441: Movement for Performance

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IAP 464: Media and Diversity (HU & G)

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IAP 466: Digital Interactivity, Advanced

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IAP 468: Digital Graphic Applications

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IAP 469: Advanced Audio Production

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IAP 471: Language, Culture, and Performance (L or HU)

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IAP 494: Special Topics

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Digital Media Course List	Digital Culture Studies Course List
ART 116: Introduction to Digital Media	AME 210: Media Editing
ART 206: Digital Photography I	AME 220: Programming for the Web (CS)
ART 217: Introduction to Computer Animation	AME 240: Introduction to Physical Computing
ART 308: 2D Digital Animation I	AME 244: Introduction to Interactive Environments
ART 312: Illustration	AME 294: Circuit Bending
ART 346: 3D Computer Imaging and Animation (CS)	AME 294: Design Politics
ART 348: Animation Motion Studies	AME 294: Soundscape Ecology
ART 394: Digital Photography for Non-Majors	AME 294: Special Topics
ART 424: Stop Motion Animation	AME 310: Media Literacies and Composition
ART 438: Moving and Interactive Systems in Sculpture	AME 320: Motion Capture for Integrative Systems
ART 440: Experimental Video Art	AME 325: Technical Lives
ART 444: Short Subject: Documentary Video	AME 330: Digital-Physical Systems
ART 494: Visual Prototyping	AME 333: Improvising Cyborgs
CIS 300: Web Design and Development	AME 360: Designing Mixed-Reality Experiences
	AME 394: Computational Photography

CPI 111: Game Development I (CS)	AME 394: Special Topics
DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture	AME 410: Interactive Materials
EDT 440: Creating and Marketing Mobile Apps	AME 411: Advanced Interactive Sound
FMP 215: Beginning Post-Production for Film & Television: Adobe Premier Pro	AME 430: Mac Development for Media Arts
FMP 225: Principles of Visual Effects Compositing	AME 435: Mobile Development
FMP 240: Introduction to Animation for Film	AME 444: Media Installations
FMP 255: Media Authorship (CS)	AME 470: Programming for Social and Interactive Media
FMP 315: Sound Design for Film and Media I	AME 494: Animating Virtual Worlds
FMS 200: Film and Media History ((L or HU) & H)	AME 494: Special Topics
FMS 294: Introduction to Videogames	ART 116: Introduction to Digital Media
FMS 351: Emerging Digital Media	ART 378: Digital Textiles
FMS 365: Video Games and Narrative	DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture
GIT 135: Graphic Communications	FSH 394: Fashion Design & Wearable Technology
GIT 211: 3D Media Production	MDC 211: Introduction to Digital Sound
GIT 215: Introduction to Web Authoring	MDC 311: Composing and Performing for Hybrid Ensembles
GIT 230: Digital Illustration in Publishing	MDC 411: Advanced Interactive Sound
GIT 314: Multimedia Design, Planning and Storyboards	
GIT 402: New Media Internet Technologies	
GRA 294: Illustrator	
GRA 294: InDesign	
GRA 294: Photoshop	
IAP 103: Foundations I: Interdisciplinary Art Practice	
IAP 104: Foundations I: Fundamentals of Sound Art	
IAP 322: Multitrack Digital Recording	
IAP 361: Digital Editing and Media Literacy (CS)	
IAP 364: Documentaries	
IAP 367: Motion Graphics and Animation	
IAP 375: Contemporary Performance: Theories and Practice	
IAP 462: Games and Play	
IAP 480: Art as Praxis: From Conceptualization to Production	

MCO 433: Social Media Campaigns, Engagement and Research

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MDC 311: Composing and Performing for Hybrid Ensembles

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MHL 201: Media Literacy for Musicians (CS)

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TWC 411: Principles of Visual Communication (L)

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TWC 451: Copyright and Intellectual Property in the Electronic Age

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TWC 452: Information in the Digital Age

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**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 3.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

## 2023 - 2024 Major Map





### Media Arts and Sciences (Media Processing), BS




School/College: [Herberger Institute for Design and the Arts](#)

Location: [Tempe](#)

HIDGCMPBS

This program's name has changed effective Fall 2023. The previous name was Digital Culture (Media Processing).

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 AME 111: Introduction to Digital Culture (CS)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. Digital Culture students complete AME 101 to fulfill this requirement.</li> <li>Only students with posted credit for ENG 101 may enroll in AME 130 in Term 1.</li> </ul>
AME 101: ASU Digital Culture Experience	1	C	
<i>Complete 2 courses:</i>			
AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS)	6	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 210: Brief Calculus (MA)	3	C	
 Maintain 3.00 GPA in Major Courses.			
 Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 2 16 - 31 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS)	3	C	<ul style="list-style-type: none"> <li>All Digital Culture majors must have a minimum 3.00 Digital Culture GPA at the end of Term 2 to continue in the program. If a student's Digital Culture GPA is below a 3.00, the student will be placed on a probationary status for one term. If the student is not successful in raising their Digital Culture GPA to a 3.00 after the probationary term, the student will not be able to continue in the Digital Culture program.</li> <li>Join a <b>student club</b> or professional organization.</li> </ul>
CSE 110: Principles of Programming (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Digital Culture Flexible Elective	3	C	
Social-Behavioral Sciences (SB)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Milestone: GPA First-Year Review			
Maintain 3.00 GPA in Major Courses.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 3 31 - 47 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
CPI 111: Game Development I (CS) OR CSE 205: Object-Oriented Programming and Data Structures (CS)	3	C	• Build your skills.
MAT 243: Discrete Mathematical Structures	3	C	
Digital Culture Studies	3	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Natural Science - Quantitative (SQ) ( PHY 101 recommended)	4		
⚠ Complete Mathematics (MA) requirement.			
Complete First-Year Composition requirement.			
Maintain 3.00 GPA in Major Courses.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:		16	

Term 4 47 - 62 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
⚠ Digital Culture Studies	3	C	• Look into <b>Study Abroad</b> options.
CPI 211: Game Development II OR CSE 240: Introduction to Programming Languages	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Elective	3		
Maintain 3.00 GPA in Major Courses.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:		15	

Term 5 62 - 78 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Complete 2 courses: Upper Division Digital Culture Studies	6	C	• Keep good documentation of all your projects.
CPI 360: Decision Making and Problem Solving OR CSE 310: Data Structures and Algorithms OR CPI 311: Game Engine Development	3	C	
Media Processing Elective	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Maintain 3.00 GPA in Major Courses.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:		16	

Term 6 78 - 93 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Digital Culture Studies OR Upper Division Digital Media	6	C	• Build a digital portfolio. • Explore an <b>internship</b> . Any internship approved for AME 484 Internship credit will automatically fulfill AME 486 Capstone II.
Upper Division Media Processing Elective	3	C	
Media Processing Elective	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Maintain 3.00 GPA in Major Courses.			



Minimum 2.50 GPA ASU Cumulative.

Term hours subtotal: 15

Term 7 93 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ AME 485: Digital Culture Capstone I	3	C	<ul style="list-style-type: none"> <li>All Digital Culture majors must have a minimum 3.00 Digital Culture GPA to meet graduation requirements. If you are not meeting this GPA requirement, please see your advisor.</li> <li>Gather professional references.</li> </ul>
Upper Division Digital Culture Studies	3	C	
Upper Division Media Engineering	3	C	
Upper Division Media Processing Elective	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Maintain 3.00 GPA in Major Courses.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:		15	

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ AME 486: Digital Culture Capstone II	3	C	<ul style="list-style-type: none"> <li>Start applying for full-time career opportunities.</li> </ul>
Upper Division Digital Culture Studies OR Upper Division Digital Media	3	C	
Upper Division Media Processing Elective	3	C	
Elective OR AME 484: Internship	3		
Maintain 3.00 GPA in Major Courses.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:		12	

Hide Course List(s)/Track Group(s)

Digital Culture Flexible Elective	Digital Culture Studies Course List	Digital Media Course List
AME OR MDC Lower Division Elective	AME 210: Media Editing	ART 308: 2D Digital Animation I
	AME 220: Programming for the Web (CS)	ART 312: Illustration
	AME 240: Introduction to Physical Computing	ART 346: 3D Computer Imaging and Animation (CS)
	AME 244: Introduction to Interactive Environments	ART 348: Animation Motion Studies
	AME 294: Circuit Bending	ART 394: Digital Photography for Non-Majors
	AME 294: Design Politics	ART 424: Stop Motion Animation
	AME 294: Soundscape Ecology	ART 438: Moving and Interactive Systems in Sculpture
	AME 294: Special Topics	ART 440: Experimental Video Art
	AME 310: Media Literacies and Composition	ART 444: Short Subject: Documentary Video
	AME 320: Motion Capture for Integrative Systems	ART 494: Visual Prototyping
	AME 325: Technical Lives	CIS 300: Web Design and Development
	AME 330: Digital-Physical Systems	
	AME 333: Improvising Cyborgs	

AME 360: Designing Mixed-Reality Experiences	EDT 440: Creating and Marketing Mobile Apps
AME 394: Computational Photography	FMP 315: Sound Design for Film and Media I
AME 394: Special Topics	FMS 351: Emerging Digital Media
AME 410: Interactive Materials	FMS 365: Video Games and Narrative
AME 411: Advanced Interactive Sound	GIT 314: Multimedia Design, Planning and Storyboards
AME 430: Mac Development for Media Arts	GIT 402: New Media Internet Technologies
AME 435: Mobile Development	IAP 322: Multitrack Digital Recording
AME 444: Media Installations	IAP 361: Digital Editing and Media Literacy (CS)
AME 470: Programming for Social and Interactive Media	IAP 364: Documentaries
AME 494: Animating Virtual Worlds	IAP 367: Motion Graphics and Animation
AME 494: Special Topics	IAP 375: Contemporary Performance: Theories and Practice
ART 116: Introduction to Digital Media	IAP 462: Games and Play
ART 378: Digital Textiles	IAP 480: Art as Praxis: From Conceptualization to Production
DCE 294: Hybrid Action: Physical Intelligence in Digital Culture	MCO 433: Social Media Campaigns, Engagement and Research
FSH 394: Fashion Design & Wearable Technology	MDC 311: Composing and Performing for Hybrid Ensembles
MDC 211: Introduction to Digital Sound	TWC 411: Principles of Visual Communication (L)
MDC 311: Composing and Performing for Hybrid Ensembles	TWC 451: Copyright and Intellectual Property in the Electronic Age
MDC 411: Advanced Interactive Sound	TWC 452: Information in the Digital Age

Media Processing Electives	Media Engineering Course List
CPI 211: Game Development II	AME 394: Synthesis and Expression
CPI 221: Advanced Object-Oriented Principles Using Java or CPI 310: Web-Based Information Management Systems	AME 410: Interactive Materials
CPI 321: Fundamentals of Game Art	AME 430: Mac Development for Media Arts
CPI 394: Special Topics	AME 435: Mobile Development
CPI 411: Graphics for Games	AME 470: Programming for Social and Interactive Media
CPI 421: 3-D Modeling and Texturing	AME 494: Animating Virtual Worlds
CPI 462: Design for Learning in Virtual Worlds	AME 494: Musical Microcontrollers
CPI 494: Special Topics	AME 494: Programming for the Internet of Things
	EEE 307: Signal Processing for Digital Culture

CSE 205: Object-Oriented Programming and Data Structures (CS)

GIT 335: Computer Systems Technology

CSE 220: Programming for Computer Engineering

CSE 240: Introduction to Programming Languages

CSE 360: Introduction to Software Engineering

CSE 394: Special Topics

CSE 463: Introduction to Human Computer Interaction

CSE 470: Computer Graphics

CSE 494: Special Topics

IAP 362: Games and Narratology

IAP 462: Games and Play

IEE 431: Engineering Administration (L)

SER 431: Advanced Graphics

#### Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

#### General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

## 2023 - 2024 Major Map





### Media Arts and Sciences (Music), BA




School/College: [Herberger Institute for Design and the Arts](#)

Location: [Tempe](#)



HIDGCMBA



This program's name has changed effective Fall 2023. the previous name was Digital Culture (Music).



Term 1 0 - 16 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 AME 111: Introduction to Digital Culture (CS)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. Digital culture students complete AME 101 to fulfill this requirement.</li> <li>Only students with posted credit for ENG 101 may enroll in AME 130 in Term 1.</li> </ul>
AME 101: ASU Digital Culture Experience	1	C	
<i>Complete 2 courses:</i>			
AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS)	6	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117: College Algebra (MA)	3	C	
 Maintain 3.00 GPA in Digital Culture coursework.			
 Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		



Term 2 16 - 31 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS)	3	C	<ul style="list-style-type: none"> <li>All Digital Culture majors must have a minimum 3.00 Digital Culture GPA at the end of Term 2 to continue in the program. If a student's Digital Culture GPA is below a 3.00, the student will be placed on a probationary status for one term. If the student is not successful in raising their Digital Culture GPA to a 3.00 after the probationary term, the student will not be able to continue in the Digital Culture program.</li> <li>MTC 125 is only offered in the fall term and requires a placement diagnostic exam. Please see the your advisor to prepare this term to be able to take this course in the fall semester.</li> <li>Join a <b>student club</b> or professional organization.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MUS 100: Fundamentals of Music Notation OR MTC 125: Basic Music Theory	3	C	
Digital Culture Flexible Elective	3	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Milestone: GPA First-Year Review			
Maintain 3.00 GPA in Digital Culture coursework.			
Minimum 2.50 GPA ASU Cumulative.			

Term hours subtotal: 15

Term 3 31 - 47 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
Digital Media Course OR Digital Culture Studies Course	3	C	<ul style="list-style-type: none"> <li>Digital Media courses include digital media projects within a trans-disciplinary area of study. See the course list below or talk to your advisor for specific course options.</li> <li>Build your <b>skills</b>.</li> </ul>
Music Production Elective	3	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Natural Science - Quantitative (SQ) ( PHY 101 recommended)	4		
Social-Behavioral Sciences (SB)	3		
 Complete Mathematics (MA) requirement.			
Complete First-Year Composition requirement.			
Maintain 3.00 GPA in Digital Culture coursework.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:		16	

Term 4 47 - 63 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 Digital Media Course OR Digital Culture Studies Course	3	C	
History/Theory Course	3	C	
MUS OR MUP OR MUE OR MTC Elective	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Maintain 3.00 GPA in Digital Culture coursework.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:		16	

Term 5 63 - 78 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
 Upper Division Digital Culture Studies Course	3	C	<ul style="list-style-type: none"> <li>Related Digital Culture courses are selective electives that allow students to take courses in an area of interest that connects to their study of Digital Culture and personal career interests.</li> <li>Build a digital portfolio.</li> </ul>
Upper Division Digital Culture Studies Course OR Related Digital Culture Course	3	C	
Upper Division Digital Media Course OR Upper Division Digital Culture Studies Course	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Elective OR AME 484: Internship	3		
Maintain 3.00 GPA in Digital Culture coursework.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:		15	

Term 6 78 - 92 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
 Upper Division Digital Culture Studies Course	3	C	<ul style="list-style-type: none"> <li>If you take MTC 436, MTC 437, or MUP 319 (2 credits each) in this term, you will need to complete one additional hour (or 4 hours total) of MUS OR MUP OR MUE OR MTC Upper Division Elective in Term 8.</li> <li>Explore an <b>internship</b>.</li> </ul>
MTC 436: Electronic Studio Techniques I OR MTC 437: Electronic Studio Techniques II OR MUE 441: Psychology of Music OR MUP 319: Advanced Audio Engineering in the Arts	2-3	C	
Upper Division Digital Media Course OR Upper Division Digital Culture Studies Course	3	C	
Upper Division History/Theory Course	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Maintain 3.00 GPA in Digital Culture coursework.

Minimum 2.50 GPA ASU Cumulative.

Term hours subtotal: 14-15

Term 7 92 - 107 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ AME 485: Digital Culture Capstone I	3	C	<ul style="list-style-type: none"> <li>All Digital Culture majors must have a minimum 3.00 Digital Culture GPA to meet graduation requirements. If you are not meeting this GPA requirement, please see your advisor.</li> <li>Any MUS 354 topic can be used to fulfill the concentration requirement.</li> <li>Gather professional references.</li> </ul>
MUS 354: Popular Music OR MUS 362: Rap Music and Hip Hop Culture (HU & C)	3	C	
Upper Division Digital Culture Studies Course	3	C	
Upper Division Related Digital Culture Course	3	C	
Elective	3		
Maintain 3.00 GPA in Digital Culture coursework. Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 8 107 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ AME 486: Digital Culture Capstone II	3	C	<ul style="list-style-type: none"> <li>If you took MTC 436, MTC 437, or MUP 319 in Term 6, you will need to complete one additional hour (or 4 hours total) of MUS OR MUP OR MUE OR MTC Upper Division Elective in this term.</li> </ul>
Upper Division Digital Culture Studies Course	3	C	
Upper Division Media Engineering Course	3	C	
MUS OR MUP OR MUE OR MTC Upper Division Elective	4-3	C	
Maintain 3.00 GPA in Digital Culture coursework. Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	13-12		

Hide Course List(s)/Track Group(s)

Digital Culture Flexible Elective	Digital Culture Studies Course List	Digital Media Course List
AME OR MDC Lower Division Elective	AME 210: Media Editing	ART 116: Introduction to Digital Media
	AME 220: Programming for the Web (CS)	ART 206: Digital Photography I
	AME 240: Introduction to Physical Computing	ART 217: Introduction to Computer Animation
	AME 244: Introduction to Interactive Environments	ART 308: 2D Digital Animation
	AME 294: Circuit Bending	ART 312: Illustration
	AME 294: Design Politics	ART 346: 3-D Computer Imaging and Animation (CS)
	AME 294: Soundscape Ecology	ART 348: Animation Motion Studies
	AME 294: Special Topics	ART 394: Digital Photography for Non-Majors
	AME 310: Media Literacies and Composition	ART 424: Stop Motion Animation
	AME 320: Motion Capture for Integrative Systems	ART 438: Moving and Interactive Systems in Sculpture
	AME 325: Technical Lives	ART 440: Experimental Video Art

AME 330: Digital-Physical Systems	ART 444: Short Subject: Documentary Video
AME 333: Improvising Cyborgs	ART 494: Visual Prototyping
AME 360: Designing Mixed-Reality Experiences	CIS 300: Web Design and Development
AME 394: Computational Photography	CPI 111: Game Development I (CS)
AME 394: Special Topics	DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture
AME 410: Interactive Materials	EDT 440: Creating and Marketing Mobile Apps
AME 411: Advanced Interactive Sound	FMP 215: Beginning Post-Production for Film & Television: Adobe Premier Pro
AME 430: Mac Development for Media Arts	FMP 225: Principles of Visual Effects Compositing
AME 435: Mobile Development	FMP 240: Introduction to Animation for Film
AME 444: Media Installations	FMP 255: Media Authorship (CS)
AME 470: Programming for Social and Interactive Media	FMP 315: Sound Design for Film and Media I
AME 494: Animating Virtual Worlds	FMS 200: Film and Media History ((L or HU) & H)
AME 494: Special Topics	FMS 294: Introduction to Videogames
ART 116: Introduction to Digital Media	FMS 351: Emerging Digital Media
ART 378: Digital Textiles	FMS 365: Video Games and Narrative
DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture	GIT 135: Graphic Communications
FSH 394: Fashion Design & Wearable Technology	GIT 211: 3D Media Production
MDC 211: Introduction to Digital Sound	GIT 215: Introduction to Web Authoring
MDC 311: Composing and Performing for Hybrid Ensembles	GIT 230: Digital Illustration in Publishing
MDC 411: Advanced Interactive Sound	GIT 314: Multimedia Design, Planning and Storyboards
	GIT 402: New Media Internet Technologies
	GRA 294: Illustrator
	GRA 294: InDesign
	GRA 294: Photoshop
	IAP 103: Foundations I: Interdisciplinary Art Practice
	IAP 104: Foundations I: Fundamentals of Sound Art
	IAP 322: Multitrack Digital Recording
	IAP 361: Digital Editing and Media Literacy (CS)
	IAP 364: Documentaries
	IAP 367: Motion Graphics and Animation
	IAP 375: Contemporary Performance: Theories and Practice

IAP 462: Games and Play

IAP 480: Art as Praxis: From Conceptualization to Production

MCO 433: Social Media Campaigns, Engagement and Research

MDC 311: Composing and Performing for Hybrid Ensembles

MHL 201: Media Literacy for Musicians (CS)

TWC 411: Principles of Visual Communication (L)

TWC 451: Copyright and Intellectual Property in the Electronic Age

TWC 452: Information in the Digital Age

History/Theory Course List	Media Engineering Course List	Related Digital Culture Course List
ALA 100: Introduction to Environmental Design (HU & H & G)	AME 394: Synthesis and Expression	ALA OR AME OR ART OR CPI OR CSE OR EDS OR ENG OR ENT OR FIS OR FMP OR FMS OR FSH OR GIT OR GRA OR HDA OR HSE OR IAP OR IND OR INT OR MCO OR MDC OR MTC OR MUP OR MUS OR STS OR TEM OR THE OR THF OR THP OR TWC Elective
ALA 102: Landscapes and Sustainability (HU & G)	AME 410: Interactive Materials	
APH 300: World Architecture I/Western Cultures (HU & H & G)	AME 430: Mac Development for Media Arts	
APH 313: History of Architecture I ((L or HU) & G & H)	AME 435: Mobile Development	
APH 314: History of Architecture II ((L or HU) & G & H)	AME 470: Programming for Social and Interactive Media	
ARA 202: Understanding Photographs	AME 494: Animating Virtual Worlds	
ARS 102: Art from Renaissance to Modernism (HU & H)	AME 494: Musical Microcontrollers	
ARS 345: Art and Television	AME 494: Programming for the Internet of Things	
ARS 394: Anime	EEE 307: Signal Processing for Digital Culture	
ARS 438: Art of the 20th Century I (HU & H)	GIT 335: Computer Systems Technology	
ARS 439: Art of the 20th Century II (HU & H)		
DCE 300: Dancing Histories (HU)		
DSC 101: Design Awareness (HU & G)		
FMP 294: History of Film & Television Production		
FMP 403: Independent Film (HU)		
FMP 405: Film and Television: Pioneers, Practices and Innovations		
GRA 111: Graphic Design History I (HU)		
GRA 112: Graphic Design History II		



IAP 304: Traditions of the Avant-Garde and Experimental Art (L or HU)

IAP 305: 20th and 21st Century Art, Performance, and Media (L or HU)

IND 316: 20th-Century Design I (HU & H)

IND 317: 20th-Century Design II (HU & H)

INT 111: Interior Design Issues and Theories (HU)

INT 310: History of Interior Design I (HU & H)

INT 311: History of Interior Design II (HU & H)

LAP 311: History of Landscape Architecture (HU & H)

LAP 312: 20th-Century Landscape Architecture (HU)

MUS 347: Jazz in America (HU & C)

MUS 354: Special Topics

MUS 356: Broadway and the American Musical (HU)

MUS 362: Rap Music and Hip Hop Culture (HU & C)

STS 303: History of Science and Technology (H)

THE 320: History of the Theatre I (HU & H)

THE 322: Theatre History and Culture (HU & H)

#### Music Production Elective Course List

MUS 294: Producing Hip Hop and Dance Music I

MUS 294: Rock Band

MUS 294: Song Production with Garage Band

MUS 294: Songwriting

#### Notes:

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 3.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for**  
**Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

## 2023 - 2024 Major Map





### Media Arts and Sciences (Theatre), BA




School/College: [Herberger Institute for Design and the Arts](#)

Location: [Tempe](#)

HIDGCTBA

This program's name has changed effective Fall 2023. The previous name was Digital Culture (Theatre).

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 AME 111: Introduction to Digital Culture (CS)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. Digital Culture students complete AME 101 to fulfill this requirement.</li> <li>Only students with posted credit for ENG 101 may enroll in AME 130 in Term 1.</li> </ul>
AME 101: ASU Digital Culture Experience	1	C	
<i>Complete 2 courses:</i>			
AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS)	6	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117: College Algebra (MA)	3	C	
 Maintain 3.00 GPA in Digital Culture coursework.			
 Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
AME 112: Computational Thinking for Digital Culture OR AME 130: Prototyping Dreams (L) OR AME 230: Programming for the Media Arts (CS)	3	C	<ul style="list-style-type: none"> <li>All Digital Culture majors must have a minimum 3.00 Digital Culture GPA at the end of Term 2 to continue in the program. If a student's Digital Culture GPA is below a 3.00, the student will be placed on a probationary status for one term. If the student is not successful in raising their Digital Culture GPA to a 3.00 after the probationary term, the student will not be able to continue in the Digital Culture program.</li> <li>Students interested in costuming should take THP 214. All others should take THP 213.</li> <li>Join a <b>student club</b> or professional organization.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
THP 213: Introduction to Technical Theatre OR THP 214: Introduction to Costuming	4	C	
Digital Culture Flexible Elective	3	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Milestone: GPA First-Year Review			
Maintain 3.00 GPA in Digital Culture coursework.			
Minimum 2.50 GPA ASU Cumulative.			

Term hours subtotal: 16

Term 3 32 - 48 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
THF 215: Design and Composition for Theatre and Film (HU)	3	C	<ul style="list-style-type: none"> <li>Digital Media courses are classes that include digital media projects within a trans-disciplinary area of study. See course list or talk to your advisor for specific course options.</li> <li>Build your <b>skills</b>.</li> </ul>
Digital Media Course OR Digital Culture Studies Course	3	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Natural Science - Quantitative (SQ) ( PHY 101 recommended)	4		
Social-Behavioral Sciences (SB)	3		
⚠ Complete Mathematics (MA) requirement.			
Complete First-Year Composition requirement.			
Maintain 3.00 GPA in Digital Culture coursework.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 4 48 - 63 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes	
⚠ Digital Media Course OR Digital Culture Studies Course	3	C		
History/Theory Course	3	C		
Historical Awareness (H)	3			
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4			
Elective	2			
Maintain 3.00 GPA in Digital Culture coursework.				
Minimum 2.50 GPA ASU Cumulative.				
Term hours subtotal:	15			

Term 5 63 - 78 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Upper Division Digital Culture Studies Course	3	C	<ul style="list-style-type: none"> <li>Related Digital Culture courses are selective electives that allow students to take courses in an area of interest that connects to their study of Digital Culture and personal career interests.</li> <li>Build a digital portfolio.</li> </ul>
Upper Division Digital Culture Studies Course OR Related Digital Culture Course	3	C	
Upper Division Digital Media Course OR Upper Division Digital Culture Studies Course	3	C	
Upper Division Theatre Design Course I	3	C	
Elective OR AME 484: Internship	3		
Maintain 3.00 GPA in Digital Culture coursework.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Upper Division Digital Culture Studies Course	3	C	<ul style="list-style-type: none"> <li>Students may take THP 301 with department consent; however, it will need to be taken three times to fulfill a Theatre Design Course II requirement.</li> <li>Explore an <b>internship</b>.</li> </ul>
Upper Division Digital Media Course OR Upper Division Digital Culture Studies Course	3	C	
Upper Division History/Theory Course	3	C	
Upper Division Theatre Design Course II	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			

Maintain 3.00 GPA in Digital Culture coursework.

Minimum 2.50 GPA ASU Cumulative.

Term hours subtotal: 15

Term 7 93 - 108 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ AME 485: Digital Culture Capstone I	3	C	<ul style="list-style-type: none"> <li>All Digital Culture majors must have a minimum 3.00 Digital Culture GPA to meet graduation requirements. If you are not meeting this GPA requirement, please see your advisor.</li> <li>Gather <b>professional references</b>.</li> </ul>
Upper Division Digital Culture Studies Course	3	C	
Upper Division Related Digital Culture Course OR Upper Division Digital Media Course	3	C	
Upper Division Theatre Design Course I	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Maintain 3.00 GPA in Digital Culture coursework.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ AME 486: Digital Culture Capstone II	3	C	<ul style="list-style-type: none"> <li>Students may take THP 301 with department consent; however, it will need to be taken three times to fulfill a Theatre Design Course II requirement.</li> </ul>
Upper Division Digital Culture Studies Course	3	C	
Upper Division Media Engineering Course	3	C	
Upper Division Theatre Design Course II	3	C	
Maintain 3.00 GPA in Digital Culture coursework.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

Digital Culture Flexible Elective	Media Engineering Course List	Related Digital Culture Course List
AME OR MDC Lower Division Elective	AME 394: Synthesis and Expression AME 410: Interactive Materials AME 430: Mac Development for Media Arts AME 435: Mobile Development AME 470: Programming for Social and Interactive Media AME 494: Animating Virtual Worlds AME 494: Musical Microcontrollers AME 494: Programming for the Internet of Things EEE 307: Signal Processing for Digital Culture GIT 335: Computer Systems Technology	ALA OR AME OR ART OR CPI OR CSE OR EDS OR ENG OR ENT OR FIS OR FMP OR FMS OR FSH OR GIT OR GRA OR HDA OR HSE OR IAP OR IND OR INT OR MCO OR MDC OR MTC OR MUP OR MUS OR STS OR TEM OR THE OR THF OR THP OR TWC Elective
Digital Media Course List	Upper Division Theatre Design I Course List	

ART 116: Introduction to Digital Media	THP 330: Costume Design	Upper Division Theatre Design II Course List
ART 206: Digital Photography I	THP 340: Scene Design	
ART 217: Introduction to Computer Animation	THP 345: Lighting Design	
ART 308: 2D Digital Animation	THP 350: Sound Design	
ART 312: Illustration	THP 355: Media Design for Performance	
ART 346: 3-D Computer Imaging and Animation (CS)	THP 435: Technical Direction	
ART 348: Animation Motion Studies	THP 450: Theatre Organization and Management	
ART 394: Digital Photography for Non-Majors	THP 494: Art Direction	
ART 424: Stop Motion Animation		
ART 438: Moving and Interactive Systems in Sculpture		
ART 440: Experimental Video Art		
ART 444: Short Subject: Documentary Video		
ART 494: Visual Prototyping		
CIS 300: Web Design and Development		
CPI 111: Game Development I (CS)		
DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture		
EDT 440: Creating and Marketing Mobile Apps		
FMP 215: Beginning Post-Production for Film & Television: Adobe Premier Pro		
FMP 225: Principles of Visual Effects Compositing		
FMP 240: Introduction to Animation for Film		
FMP 255: Media Authorship (CS)		
FMP 315: Sound Design for Film and Media I		
FMS 200: Film and Media History ((L or HU) & H)		
FMS 294: Introduction to Videogames		
FMS 351: Emerging Digital Media		
FMS 365: Video Games and Narrative		
GIT 135: Graphic Communications		
GIT 211: 3D Media Production		
GIT 215: Introduction to Web Authoring		
GIT 230: Digital Illustration in Publishing		
GIT 314: Multimedia Design, Planning and Storyboards		
GIT 402: New Media Internet Technologies		
		THP 301: Theatre Production
		THP 335: Stagecraft
		THP 431: Advanced Costume Construction
		THP 442: Rendering for Design and Production
		THP 344: Hand Drafting for the Live Entertainment
		THP 448: AutoCAD for Live Entertainment
		THP 494: Materials for the Stage
		THP 494: Structural and Mechanical Design for the Stage

GRA 294: Illustrator	
GRA 294: InDesign	
GRA 294: Photoshop	
IAP 103: Foundations I: Interdisciplinary Art Practice	
IAP 104: Foundations I: Fundamentals of Sound Art	
IAP 322: Multitrack Digital Recording	
IAP 361: Digital Editing and Media Literacy (CS)	
IAP 364: Documentaries	
IAP 367: Motion Graphics and Animation	
IAP 375: Contemporary Performance: Theories and Practice	
IAP 462: Games and Play	
IAP 480: Art as Praxis: From Conceptualization to Production	
MCO 433: Social Media Campaigns, Engagement and Research	
MDC 311: Composing and Performing for Hybrid Ensembles	
MHL 201: Media Literacy for Musicians (CS)	
TWC 411: Principles of Visual Communication (L)	
TWC 451: Copyright and Intellectual Property in the Electronic Age	
TWC 452: Information in the Digital Age	
<b>Digital Culture Studies Course List</b>	<b>History/Theory Course List</b>
AME 210: Media Editing	ALA 100: Introduction to Environmental Design (HU & H & G)
AME 220: Programming for the Web (CS)	ALA 102: Landscapes and Sustainability (HU & G)
AME 240: Introduction to Physical Computing	APH 300: World Architecture I/Western Cultures (HU & H & G)
AME 244: Introduction to Interactive Environments	APH 313: History of Architecture I ((L or HU) & G & H)
AME 294: Circuit Bending	APH 314: History of Architecture II ((L or HU) & G & H)
AME 294: Design Politics	ARA 202: Understanding Photographs
AME 294: Soundscape Ecology	ARS 102: Art from Renaissance to Modernism (HU & H)
AME 294: Special Topics	ARS 345: Art and Television
AME 310: Media Literacies and Composition	
AME 320: Motion Capture for Integrative Systems	
AME 325: Technical Lives	

AME 330: Digital-Physical Systems	ARS 394: Anime
AME 333: Improvising Cyborgs	ARS 438: Art of the 20th Century I (HU & H)
AME 360: Designing Mixed-Reality Experiences	ARS 439: Art of the 20th Century II (HU & H)
AME 394: Computational Photography	DCE 300: Dancing Histories (HU)
AME 394: Special Topics	DSC 101: Design Awareness (HU & G)
AME 410: Interactive Materials	FMP 294: History of Film & Television Production
AME 411: Advanced Interactive Sound	FMP 403: Independent Film (HU)
AME 430: Mac Development for Media Arts	FMP 405: Film and Television: Pioneers, Practices and Innovations
AME 435: Mobile Development	GRA 111: Graphic Design History I (HU)
AME 444: Media Installations	GRA 112: Graphic Design History II
AME 470: Programming for Social and Interactive Media	IAP 304: Traditions of the Avant-Garde and Experimental Art (L or HU)
AME 494: Animating Virtual Worlds	IAP 305: 20th and 21st Century Art, Performance, and Media (L or HU)
AME 494: Special Topics	IND 316: 20th-Century Design I (HU & H)
ART 116: Introduction to Digital Media	IND 317: 20th-Century Design II (HU & H)
ART 378: Digital Textiles	INT 111: Interior Design Issues and Theories (HU)
DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture	INT 310: History of Interior Design I (HU & H)
FSH 394: Fashion Design & Wearable Technology	INT 311: History of Interior Design II (HU & H)
MDC 211: Introduction to Digital Sound	LAP 311: History of Landscape Architecture (HU & H)
MDC 311: Composing and Performing for Hybrid Ensembles	LAP 312: 20th-Century Landscape Architecture (HU)
MDC 411: Advanced Interactive Sound	MUS 347: Jazz in America (HU & C)
	MUS 354: Special Topics
	MUS 356: Broadway and the American Musical (HU)
	MUS 362: Rap Music and Hip Hop Culture (HU & C)
	STS 303: History of Science and Technology (H)
	THE 320: History of the Theatre I (HU & H)
	THE 322: Theatre History and Culture (HU & H)

**Notes:**



- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 3.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.












## 2023 - 2024 Major Map

### Music, BA

School/College: [Herberger Institute for Design and the Arts](#)

Location: [Tempe](#)

FAMUSBA

Term 1 0 - 17 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 Milestone: Music students must successfully complete an <b>entrance audition</b> into the major before enrolling at ASU.			<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. MUP 101 The ASU School of Music Experience is required of all first-year music majors.</li> <li>Completion of Piano Diagnostic Exam determines placement into Class Piano courses.</li> <li>Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts.</li> <li>See course list for MUP 4** (400-Level) Music Ensemble options.</li> <li>Courses offered in fall semester only: MTC 125, MUP 101, MUP 131.</li> <li>Complete a <b>resume</b> in MUP 101.</li> </ul>
 Milestone: Music students must successfully complete the <b>music theory diagnostic exam</b> before enrolling in School of Music, Dance and Theatre courses.			
 MUP 101: The ASU School of Music Experience	1	C	
 MUP 111: Studio Instruction	2	C	
 4** (400-Level) MUP Music Ensemble	1	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MTC 125: Basic Music Theory	3	C	
MUP 131: Class Piano	1	C	
Mathematics (MA)	3		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	17		
Term 2 17 - 33 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MUP 111: Studio Instruction	2	C	<ul style="list-style-type: none"> <li>Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts.</li> <li>See course list for MUP 4** (400-Level) Music Ensemble options.</li> <li>Courses offered in spring semester only: MTC 221, MUP 132.</li> <li>Familiarize yourself with information about <b>musicians' health</b>.</li> </ul>
 4** (400-Level) MUP Music Ensemble	1	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MHL 140: Sounds and Cultures (HU & G)	3	C	
MTC 221: Music Theory: 18th Century	3	C	
MUP 132: Class Piano	1	C	
Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		
Term 3 33 - 48 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes

❖ MUP 111: Studio Instruction	2	C
❖ 4** (400-Level) MUP Music Ensemble	1	C
MTC 222: Music Theory: 19th Century	3	C
MUP 231: Class Piano	1	C
Second Language: Requirement satisfied through the following: * Completion of a language course through the intermediate level (202 or equivalent).	4	
Natural Science - Quantitative (SQ)	4	
❖ Complete Mathematics (MA) requirement.		
❖ Complete MUP 131 by end of term 3.		
Complete First-Year Composition requirement.		
Term hours subtotal:	15	

- **ASU Language Placement:** Only true beginners are eligible for 101 level courses. All other students are required to take a placement exam, regardless of prior credit earned.
- **Second Language:** Consult with advisor for approved list. It is recommended for Second Language 101 and 102 to be completed by the end of Term 4.
- **Applicability of transfer credit for ensemble requirements and studio instruction** is determined based on successful completion of audition and review of transcripts.
- See course list for MUP 4\*\* (400-Level) Music Ensemble options.
- Courses offered in fall semester only: MTC 222, MUP 231.
- Talk to your studio instructor about ways to enhance your performance skills, and about appropriate ensemble and performance experiences.

Term 4 48 - 63 Credit Hours <b>Critical course signified by</b> ❖	Hours	Minimum Grade	Notes
❖ MUP 111: Studio Instruction	2	C	<ul style="list-style-type: none"> <li>• <b>ASU Language Placement:</b> Only true beginners are eligible for 101 level courses. All other students are required to take a placement exam, regardless of prior credit earned.</li> <li>• <b>Applicability of transfer credit for ensemble requirements and studio instruction</b> is determined based on successful completion of audition and review of transcripts.</li> <li>• See course list for MUP 4** (400-Level) Music Ensemble options.</li> <li>• Courses offered in spring semester only: MTC 223, MUP 232.</li> <li>• Select a faculty mentor to guide your degree work.</li> </ul>
❖ 4** (400-Level) MUP Music Ensemble	1	C	
MTC 223: Music Theory: 20th Century	3	C	
MUP 232: Class Piano	1	C	
Second Language: Requirement satisfied through the following: * Completion of a language course through the intermediate level (202 or equivalent).	4		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
❖ Complete MUP 132 by end of term 4.			
Complete Second Language 101 and 102 by end of term 4.			
Term hours subtotal:	15		

Term 5 63 - 78 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Upper Division MHL Through Present Time Course AND Upper Division Humanities, Arts and Design (HU)	3	C	<ul style="list-style-type: none"> <li>• MTC 320 offered in odd numbered fall semesters only.</li> </ul>
MTC 320: Modal Counterpoint OR MTC 321: Tonal Counterpoint	2	C	
Computer/Statistics/Quantitative Applications (CS) ( MHL 201 recommended)	3		
Literacy and Critical Inquiry (L)	3		
Second Language: Requirement satisfied through the following: * Completion of a language course through the intermediate level (202 or equivalent).	4		
★ Complete MUP 231 by end of term 5.			
Term hours subtotal:	15		

Term 6 78 - 91 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
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★ Upper Division MHL Course AND Upper Division Humanities, Arts and Design (HU)	3	C
Second Language: Requirement satisfied through the following:		
★ * Completion of a language course through the intermediate level (202 or equivalent).	4	
MHL OR MTC OR MUP OR MUE OR MDC OR MSC Upper Division Elective	3	C
Upper Division Elective OR MDC 484: Internship OR MHL 484: Internship OR MSC 484: Internship OR MTC 484: Internship OR MUE 484: Internship OR MUP 484: Internship	3	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
★ Complete MTC 320 OR MTC 321 by end of term 6.		
★ Complete MUP 232 by end of term 6.		
Complete Second Language 201 and 202 by end of term 6.		
Term hours subtotal:	13	

- MTC 321 offered in even numbered spring semesters only.
- Gather a list of **professional references**.

Term 7 91 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ Complete 2 courses: MHL OR MTC Upper Division Elective	6	C
MHL course (L) Upper Division ( MHL 440 recommended)	3	C
MHL OR MTC OR MUP OR MUE OR MDC OR MSC Upper Division Elective	3	C
Elective	2	
Term hours subtotal:	14	

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ Complete 2 courses: MHL OR MTC Upper Division Elective	6	C
MHL Upper Division Elective	3	C
MHL OR MTC OR MUP OR MUE OR MDC OR MSC Upper Division Elective	3	C
Upper Division Elective	3	
Term hours subtotal:	15	

- Complete a capstone project.

Hide Course List(s)/Track Group(s)

4** (400-Level) MUP Music Ensembles Courses	Upper Division MHL (HU) Through Present Time Courses	Upper Division MHL (HU) Courses
MUP 442: Instrumental Ensembles	MHL 342: Music History II (HU)	MHL 341: Music History I (HU)
MUP 443: Choral Ensembles	MHL 344: Music in World Cultures (HU & G)	MHL 342: Music History II (HU)
MUP 444: Maroon and Gold Concert Band	MHL 365: Popular Music and Race ((L or HU) & C)	MHL 344: Music in World Cultures (HU & G)
MUP 450: Choral Union	MHL 394: Music in the Middle East	MHL 365: Popular Music and Race ((L or HU) & C)
MUP 455: Arizona Statesmen	MHL 440: Topics in 20th-Century Music (L or HU)	MHL 394: Music in the Middle East
MUP 457: Sol Singers		

MUP 458: ASU Gospel Choir	MHL 441: Concerts in the 20th Century (HU)	MHL 440: Topics in 20th-Century Music (L or HU)
MUP 479: Chamber Music Ensembles	MHL 445: Music of the Silk Road (HU & G)	
MUP 485: Percussion Ensemble	MHL 447: Music and Healing (HU & H & G)	MHL 441: Concerts in the 20th Century (HU)
MUP 486: Jazz Band	MHL 494: Music and Film	MHL 445: Music of the Silk Road (HU & G)
MUP 489: Ethnomusicology Ensembles	MHL 494: Recycled Music: Medieval to Modern	MHL 447: Music and Healing (HU & H & G)
		MHL 494: Music and Film
		MHL 494: Recycled Music: Medieval to Modern

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.







## 2023 - 2024 Major Map




### Music (Music and Culture), BA


School/College: [Herberger Institute for Design and the Arts](#)

Location: [Tempe](#)

HIMUSMCBA

Term 1 0 - 17 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 Milestone: Music students must successfully complete an <b>entrance audition</b> into the major before enrolling at ASU.			<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. MUP 101 The ASU School of Music Experience is required of all first-year music majors.</li> <li>Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts.</li> <li>Completion of Piano Diagnostic Exam determines placement into Class Piano courses.</li> <li>See MHL faculty for approval of MUP/music elective courses.</li> <li>See course list for MUP 4** Music Ensemble course options.</li> <li>Courses offered in fall semester only: MTC 125, MUP 131, MUP 101.</li> <li>Complete a <b>resume</b> in MUP 101.</li> </ul>
 Milestone: Music students must successfully complete the <b>music theory diagnostic exam</b> before enrolling in School of Music, Dance and Theatre courses.			
 MHL 140: Sounds and Cultures (HU & G)	3	C	
 MTC 125: Basic Music Theory	3	C	
 MUP 101: The ASU School of Music Experience	1	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MUP 111: Studio Instruction OR MUP Elective	2	C	
MUP 131: Class Piano	1	C	
4** MUP Music Ensemble	1	C	
Mathematics (MA)	3		
Term hours subtotal:	17		

Term 2 17 - 33 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MTC 221: Music Theory: 18th Century	3	C	<ul style="list-style-type: none"> <li>Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts.</li> <li>MHL 499: Individualized study is done by arrangement with a musicology faculty member.</li> <li>See MHL faculty for approval of MUP/music elective courses.</li> <li>Courses offered in spring semester only: MTC 221, MUP 132.</li> <li>Familiarize yourself with information about <b>musicians' health</b>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MHL 499: Individualized Instruction	1	C	
MUP 111: Studio Instruction OR MUP Elective	2	C	
MUP 132: Class Piano	1	C	
4** MUP Music Ensemble	1	C	
Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3		
Elective	2		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 33 - 49 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
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⚠ MHL 499: Individualized Instruction	1	C
⚠ MTC 222: Music Theory: 19th Century	3	C
MUP 111: Studio Instruction OR MUP Elective	2	C
MUP Elective ( MUP 231 recommended)	1	C
4** MUP Music Ensemble	1	C
Natural Science - Quantitative (SQ)	4	
Second Language: Requirement satisfied through the following: * Completion of a language course through the intermediate level (202 or equivalent).	4	
⚠ Complete Mathematics (MA) requirement.		
⚠ Complete MUP 131 by end of term 3.		
Complete First-Year Composition requirement.		
Term hours subtotal:	16	

- Second Language: Consult with advisor for approved list. It is recommended for Second Language 101 and 102 to be completed by the end of Term 4.
- Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts.
- MHL 499: Individualized study done by arrangement with a musicology faculty member.
- See MHL faculty for approval of MUP/music elective courses.
- Courses offered in fall semester only: MTC 222, MUP 231.
- Talk to your studio instructor about ways to enhance your performance skills, and about appropriate ensemble and performance experiences.

Term 4 49 - 65 Credit Hours Critical course signified by ⚠	Hours	Minimum Grade	Notes
⚠ MHL 499: Individualized Instruction	1	C	<ul style="list-style-type: none"> <li>• Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts.</li> <li>• MHL 499: Individualized study done by arrangement with a musicology faculty member.</li> <li>• See MHL faculty for approval of MUP/music elective courses.</li> <li>• Courses offered in spring semester only: MTC 223, MUP 232.</li> <li>• Select a faculty mentor to guide your degree work.</li> </ul>
⚠ MTC 223: Music Theory: 20th Century	3	C	
MUP 111: Studio Instruction OR MUP Elective	2	C	
MUP Elective ( MUP 232 recommended)	1	C	
4** MUP Music Ensemble	1	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Second Language: Requirement satisfied through the following: * Completion of a language course through the intermediate level (202 or equivalent).	4		
⚠ Complete MUP 132 by end of term 4.			
⚠ Complete Second Language 101 and 102 by end of term 4.			
⚠ Milestone: Rising Junior Milestone Interview			
Term hours subtotal:	16		

Term 5 65 - 82 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes	
★ Upper Division MHL Through Present Time Course AND Upper Division Humanities, Arts and Design (HU)	3	C	<ul style="list-style-type: none"> <li>• MHL 339: Individualized bibliography study with instructor of Upper Division MHL Course. MHL 499: Individualized study by arrangement with a musicology faculty member.</li> <li>• Two upper division MHL electives are required: one Music Through Present Time course and another MHL course from the lists below, or other MHL courses approved by the musicology faculty.</li> </ul>	
MHL 339: Undergraduate Bibliography I	1	C		
MHL 499: Individualized Instruction	1	C		
Computer/Statistics/Quantitative Applications (CS) ( MHL 201 recommended)	3			
Literacy and Critical Inquiry (L)	3			
Second Language: Requirement satisfied through the following: * Completion of a language course through the intermediate level (202 or equivalent).	4			
Upper Division Elective OR MTC Upper Division Elective	2			
Complete Second Language 201 and 202 by end of term 6.				
Term hours subtotal:	17			

Term 6 82 - 96 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division MHL Course AND Upper Division Humanities, Arts and Design (HU)	3	C	<ul style="list-style-type: none"> <li>• MHL 340: Individualized bibliography study with instructor of Upper Division MHL Course. MHL 499: Individualized study by arrangement with a musicology faculty member.</li> <li>• Two upper division MHL electives are required: one Music Through Present Time course and another MHL course from the lists below, or other MHL courses approved by the musicology faculty.</li> <li>• Gather a list of <b>professional references</b>.</li> </ul>
Second Language: Requirement satisfied through the following:			
★ * Completion of a language course through the intermediate level (202 or equivalent).	4		
MHL 340: Undergraduate Bibliography II	1	C	
MHL 499: Individualized Instruction	1	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Upper Division Elective OR MTC Upper Division Elective	2		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	14		

Term 7 96 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MHL 490: Capstone Project I: Undergraduate Thesis Research OR MHL 492: Honors Directed Study	3	C	<ul style="list-style-type: none"> <li>• MHL 490 or 492: Culminating original research project conducted with supervision of musicology faculty.</li> </ul>
MHL OR MTC OR MUP OR MUE OR MDC OR MSC Upper Division Elective	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Upper Division Elective OR MHL 484: Internship OR MDC 484: Internship OR MSC 484: Internship OR MTC 484: Internship OR MUE 484: Internship OR MUP 484: Internship	3		
Term hours subtotal:	12		

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MHL 491: Capstone Project II: Undergraduate Thesis OR MHL 493: Honors Thesis (L)	3	C	<ul style="list-style-type: none"> <li>• MHL 491 or 493: Culminating original research project conducted with supervision of musicology faculty.</li> <li>• Complete capstone project.</li> <li>• Apply for <b>full-time career opportunities</b>.</li> </ul>
MHL OR MTC OR MUP OR MUE OR MDC OR MSC Upper Division Elective	3	C	
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

MUP Music Ensembles Course List	Upper Division MHL (HU) Through Present Time Courses	Upper Division MHL (HU) Courses
MUP 442: Instrumental Ensembles	MHL 342: Music History II (HU)	MHL 341: Music History I (HU)
MUP 443: Choral Ensembles	MHL 344: Music in World Cultures (HU & G)	MHL 342: Music History II (HU)
MUP 444: Maroon and Gold Concert Band	MHL 365: Popular Music and Race ((L or HU) & C)	MHL 344: Music in World Cultures (HU & G)
MUP 450: Choral Union	MHL 394: Music in the Middle East	MHL 365: Popular Music and Race ((L or HU) & C)
MUP 455: Arizona Statesmen		MHL 394: Music in the Middle East
MUP 457: Sol Singers		
MUP 458: ASU Gospel Choir		



MUP 479: Chamber Music Ensembles	MHL 440: Topics in 20th-Century Music (L or HU)	MHL 440: Topics in 20th-Century Music (L or HU)
MUP 485: Percussion Ensemble	MHL 441: Concerts in the 20th Century (HU)	MHL 441: Concerts in the 20th Century (HU)
MUP 486: Jazz Band	MHL 445: Music of the Silk Road (HU & G)	MHL 445: Music of the Silk Road (HU & G)
MUP 489: Ethnomusicology Ensembles	MHL 447: Music and Healing (HU & H & G)	MHL 447: Music and Healing (HU & H & G)
	MHL 494: Music and Film	MHL 494: Music and Film
	MHL 494: Recycled Music: Medieval to Modern	MHL 494: Recycled Music: Medieval to Modern

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.







## 2023 - 2024 Major Map





### Music (Popular Music) - Non-performance, BA


School/College: Herberger Institute for Design and the Arts

Location:

HIMUSPMBA

Term 1 0 - 15 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MSC 115: Music Production Fundamentals	2	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. MUP 101 The ASU School of Music Experience is required of all first-year music majors.</li> <li>MSC 115 test out is available.</li> <li>Courses offered in fall semesters only: MTC 125, MUP 101.</li> <li>Complete a <b>resume</b> in MUP 101.</li> </ul>
 MUP 101: The ASU School of Music Experience	1	C	
MSC 221: Popular Music Lab	1	C	
MTC 125: Basic Music Theory	3	C	
MUP 131: Class Piano	1	C	
 MSC 443: Popular Music Forum	1	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Mathematics (MA)	3		
 Milestone: Music students must successfully complete an <b>entrance audition</b> into the major before enrolling at ASU.			
 Milestone: Music students must successfully complete the <b>music theory diagnostic exam</b> before enrolling in School of Music, Dance and Theatre courses.			
Term hours subtotal:	15		

Term 2 15 - 31 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MSC 443: Popular Music Forum	1	C	<ul style="list-style-type: none"> <li>Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts.</li> <li>MUP 441 is open to students in the non-performance track by audition.</li> <li>Courses offered in spring semesters only: MTC 221.</li> <li>Familiarize yourself with information about <b>musician's health</b>.</li> </ul>
 Popular Music Foundations	2	C	
MHL 140: Sounds and Cultures (HU & G)	3	C	
MSC 221: Popular Music Lab OR MUP 441: Popular Music Ensemble	1	C	
MTC 221: Music Theory: 18th Century	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3		
 Complete ENG 101 or ENG 105 or ENG 107 course(s)			
Term hours subtotal:	16		

Term 3 31 - 48 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
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❖ MSC 443: Popular Music Forum	1	C
❖ Complete 2 courses: Popular Music Foundations	4	C
MSC 221: Popular Music Lab	1	C
MSC 441: Live Sound and Stage Technology I	1	C
MTC 222: Music Theory: 19th Century OR MTC 224: Arranging for Popular Musicians	3	C
Literacy and Critical Inquiry (L)	3	
Natural Science - Quantitative (SQ)	4	
❖ Complete MUP 131 course(s).		
❖ Complete Mathematics (MA) requirement		
Complete First-Year Composition requirement.		
Term hours subtotal:	17	

- Students can choose between MTC 224: Arranging for Popular Musicians (Downtown campus) or MTC 222: Music Theory: 19th Century (Tempe campus).
- Complete Popular Music Specialization sheet with a faculty mentor or advisor to guide your degree work. Review specialization prerequisites to ensure you've fulfilled or are in progress of fulfilling them. If fulfilled by this point, begin taking Popular Music Specialization coursework.
- Courses offered in fall semesters only: MTC 222, MTC 224.
- Participate in at least two ensemble performances.

Term 4 48 - 63 Credit Hours Critical course signified by ❖	Hours	Minimum Grade	Notes
❖ MSC 443: Popular Music Forum	1	C	
❖ Popular Music Foundations OR MSC Elective	2	C	
MSC 221: Popular Music Lab OR MUP 441: Popular Music Ensemble	1	C	
MTC 223: Music Theory: 20th Century OR MTC 225: Popular Music Theory	3	C	
MSC Elective	2	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
❖ Milestone: Rising Junior Milestone Interview			
Term hours subtotal:	15		

- Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts.
- Complete Popular Music Specialization sheet with a faculty mentor or advisor to guide your degree work. Review specialization prerequisites to ensure you've fulfilled or are in progress of fulfilling them. If fulfilled by this point, begin taking Popular Music Specialization coursework.
- Students can choose between MTC 225: Popular Music Theory (Downtown campus) or MTC 223: Music Theory: 20th Century (Tempe campus).
- MUP 441 is open to students in the non-performance track by audition.
- Courses offered in spring semesters only: MTC 223, MTC 225.
- Select a faculty mentor to guide your degree work.

Term 5 63 - 79 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MSC 443: Popular Music Forum	1	C	
MSC 451: Popular Music Industry Studies I	2	C	
Complete 2 courses: Upper Division Popular Music Specializations	6	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	3		
Term hours subtotal:	16		

- In terms 5-8, in consultation with faculty, students should enroll in a minimum of 18 credits of Popular Music Specialization courses.

Term 6 79 - 94 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MSC 443: Popular Music Forum	1	C	
MSC 452: Popular Music Industry Studies II	2	C	

Complete 2 courses:

Upper Division Popular Music Specializations	6	C
Humanities, Arts and Design (HU)	3	
Elective	3	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s)	0	
★ Milestone: Rising Senior Milestone Interview		
Term hours subtotal:		15

Term 7 94 - 107 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MSC 489: Popular Music Capstone Project	3	C	<ul style="list-style-type: none"> <li>Students must take two upper division MHL courses. Students must choose one course from the "Music History: 1900-Present" track group and one 3xx or 4xx level MHL course. These can be taken at anytime in terms 5-8.</li> <li>Gather a list of <b>professional references</b>.</li> </ul>
★ Upper Division Music History: 1900-Present AND Upper Division Humanities, Arts and Design (HU)	3	C	
MSC 444: Popular Music Senior Forum	1	C	
Upper Division Popular Music Specializations	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Term hours subtotal:		13	

Term 8 107 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MSC 489: Popular Music Capstone Project	3	C	<ul style="list-style-type: none"> <li>Students must take two upper division MHL courses. Students must choose one course from the "Music History: 1900-Present" track group and one 3xx or 4xx level MHL course. These can be taken at anytime in terms 5-8.</li> <li>Complete capstone project.</li> </ul>
★ MHL Upper Division Elective	3	C	
MSC 444: Popular Music Senior Forum	1	C	
Upper Division Popular Music Specializations	3	C	
Elective OR MSC 484: Internship	3		
Term hours subtotal:		13	

Hide Course List(s)/Track Group(s)

Popular Music Foundations	Popular Music Specializations	Music History: 1900-Present
MSC 211: Songwriting Fundamentals	MSC 470: Sound Designer/Producer	MHL 342: Music History II (HU)
MSC 212: Intermediate Music Production	MSC 471: Contemporary Composer/Producer Specialization	MHL 365: Popular Music and Race ((L or HU) & C)
MSC 213: Sound Design Fundamentals	MSC 472: Songwriter/Producer Specialization	MHL 440: Topics in 20th-Century Music (L or HU)
MSC 314: Critical Listening	MSC 473: Engineer/Producer Specialization	MHL 441: Concerts in the 20th Century (HU)
	MSC 474: Contracts and Negotiations	MHL 494: American Aesthetics after 1960
	MSC 474: Creative Audio Editing	MHL 494: Jazz Musicians as Composers
	MSC 474: Music and Advocacy	MHL 494: Music and Film
	MSC 474: Music Branding and Marketing	MHL 494: Opera and Music Theater Since 1950
	MSC 474: Writing for Film and Television	
	MSC 475: DIY Creative Careers	
	MSC 477: Live Experience Design Specialization	

**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.







## 2023 - 2024 Major Map





### Music (Popular Music) - Performance, BA


School/College: Herberger Institute for Design and the Arts

Location:

HIMUSPMBA

Term 1 0 - 15 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MSC 443: Popular Music Forum	1	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. MUP 101 The ASU School of Music Experience is required of all first-year music majors.</li> <li>Courses offered in fall semesters only: MTC 125, MUP 101.</li> <li>Complete a <b>resume</b> in MUP 101.</li> </ul>
 MUP 101: The ASU School of Music Experience	1	C	
 MUP 111: Studio Instruction	2	C	
MTC 125: Basic Music Theory	3	C	
MUP 131: Class Piano	1	C	
MUP 441: Popular Music Ensemble	1	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Mathematics (MA)	3		
 Milestone: Music students must successfully complete an <b>entrance audition</b> into the major before enrolling at ASU.			
 Milestone: Music students must successfully complete the <b>music theory diagnostic exam</b> before enrolling in School of Music, Dance and Theatre courses.			
Term hours subtotal:	15		

Term 2 15 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MSC 443: Popular Music Forum	1	C	<ul style="list-style-type: none"> <li>Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts.</li> <li>Courses offered in spring semesters only: MTC 221.</li> <li>Familiarize yourself with information about <b>musicians' health</b>.</li> </ul>
 MUP 111: Studio Instruction	2	C	
MHL 140: Sounds and Cultures (HU & G)	3	C	
MSC 221: Popular Music Lab	1	C	
MTC 221: Music Theory: 18th Century	3	C	
MUP 441: Popular Music Ensemble	1	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3		
 Complete ENG 101 or ENG 105 or ENG 107 course(s)			
Term hours subtotal:	17		

Term 3 32 - 48 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
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❖ MSC 443: Popular Music Forum	1	C
❖ MUP 111: Studio Instruction OR Popular Music Foundations	2	C
MSC 115: Music Production Fundamentals	2	C
MSC 221: Popular Music Lab OR MSC 441: Live Sound and Stage Technology I OR MUP 441: Popular Music Ensemble	1	C
MTC 222: Music Theory: 19th Century OR MTC 224: Arranging for Popular Musicians	3	C
Literacy and Critical Inquiry (L)	3	
Natural Science - Quantitative (SQ)	4	
❖ Complete Mathematics (MA) requirement		
❖ Complete MUP 131 course(s).		
Complete First-Year Composition requirement.		
Term hours subtotal:	16	

- Students can choose between continuing their instrumental studies via MUP 111 or begin taking Popular Music Foundations courses.
- MSC 115 test out is available.
- Students can choose between MTC 224: Arranging for Popular Musicians (Downtown campus) or MTC 222: Music Theory: 19th Century (Tempe campus).
- Complete Popular Music Specialization sheet with a faculty mentor or advisor to guide your degree work. Review specialization prerequisites to ensure you've fulfilled or are in progress of fulfilling them. If fulfilled by this point, begin taking Popular Music Specialization coursework.
- Courses offered in fall semesters only: MTC 222, MTC 224.
- Participate in at least two ensemble performances.

Term 4 48 - 63 Credit Hours Critical course signified by ❖	Hours	Minimum Grade	Notes
❖ MSC 443: Popular Music Forum	1	C	
❖ MUP 111: Studio Instruction OR Popular Music Foundations	2	C	
MSC 221: Popular Music Lab OR MUP 441: Popular Music Ensemble	1	C	
MTC 223: Music Theory: 20th Century OR MTC 225: Popular Music Theory	3	C	
MSC Elective	2	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
❖ Milestone: Rising Junior Milestone Interview			
Term hours subtotal:	15		

- Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts.
- Students can choose between continuing their instrumental studies via MUP 111 or begin taking Popular Music Foundations courses.
- Students can choose between MTC 225: Popular Music Theory (Downtown campus) or MTC 223: Music Theory: 20th Century (Tempe campus).
- Complete Popular Music Specialization sheet with a faculty mentor or advisor to guide your degree work. Review specialization prerequisites to ensure you've fulfilled or are in progress of fulfilling them. If fulfilled by this point, begin taking Popular Music Specialization coursework.
- Courses offered in spring semesters only: MTC 223, MTC 225.
- Select a faculty mentor to guide your degree work.

Term 5 63 - 79 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MSC 443: Popular Music Forum	1	C	
MSC 451: Popular Music Industry Studies I	2	C	
Complete 2 courses: Upper Division Popular Music Specializations	6	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	3		
Term hours subtotal:	16		

- In terms 5-8, in consultation with faculty, students should enroll in a minimum of 18 credits of Popular Music Specialization courses.

Term 6 79 - 94 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MSC 443: Popular Music Forum	1	C	
MSC 452: Popular Music Industry Studies II	2	C	
Complete 2 courses:			
Upper Division Popular Music Specializations	6	C	
Humanities, Arts and Design (HU)	3		
Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s)	0		
★ Milestone: Rising Senior Milestone Interview			
Term hours subtotal:	15		

Term 7 94 - 107 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MSC 489: Popular Music Capstone Project	3	C	<ul style="list-style-type: none"> <li>• Students must take two upper division MHL courses. Students must choose one course from the "Music History: 1900-Present" track group and one 3xx or 4xx level MHL course. These can be taken at anytime in terms 5-8.</li> <li>• Gather a list of <b>professional references</b>.</li> </ul>
★ Upper Division Music History: 1900-Present AND Upper Division Humanities, Arts and Design (HU)	3	C	
MSC 444: Popular Music Senior Forum	1	C	
Upper Division Popular Music Specializations	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	13		

Term 8 107 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MSC 489: Popular Music Capstone Project	3	C	<ul style="list-style-type: none"> <li>• Students must take two upper division MHL courses. Students must choose one course from the "Music History: 1900-Present" track group and one 3xx or 4xx level MHL course. These can be taken at anytime in terms 5-8.</li> <li>• Complete capstone project.</li> </ul>
★ MHL Upper Division Elective	3	C	
MSC 444: Popular Music Senior Forum	1	C	
Upper Division Popular Music Specializations	3	C	
Elective OR MSC 484: Internship	3		
Term hours subtotal:	13		

Hide Course List(s)/Track Group(s)

Popular Music Foundations	Popular Music Specializations	Music History: 1900-Present
MSC 211: Songwriting Fundamentals	MSC 470: Sound Designer/Producer	MHL 342: Music History II (HU)
MSC 212: Intermediate Music Production	MSC 471: Contemporary Composer/Producer Specialization	MHL 365: Popular Music and Race ((L or HU) & C)
MSC 213: Sound Design Fundamentals	MSC 472: Songwriter/Producer Specialization	MHL 440: Topics in 20th-Century Music (L or HU)
MSC 314: Critical Listening	MSC 473: Engineer/Producer Specialization	MHL 441: Concerts in the 20th Century (HU)
	MSC 474: Contracts and Negotiations	MHL 494: American Aesthetics after 1960
	MSC 474: Creative Audio Editing	MHL 494: Jazz Musicians as Composers
	MSC 474: Music and Advocacy	MHL 494: Music and Film
	MSC 474: Music Branding and Marketing	



MSC 474: Writing for Film and Television

MHL 494: Opera and Music Theater Since 1950

MSC 475: DIY Creative Careers

MSC 477: Live Experience Design  
Specialization

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.








## 2023 - 2024 Major Map








### Music Learning and Teaching, **BMUS**







School/College: Herberger Institute for Design and the Arts






Location: Tempe





FAMUSEBM

Term 1 0 - 14 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 Milestone: Music students must successfully complete an <b>entrance audition</b> into the major before enrolling at ASU.			<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. MUE 101 The ASU School of Music Experience required of all first-year music learning and teaching majors.</li> <li>Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts.</li> <li>MUP 131 Class Piano must be taken rather than MUP 133 Class Voice unless piano is primary instrument.</li> <li>Students may use up to two semesters of MUP 461 Marching and Athletic Bands towards degree (optional).</li> <li>Courses offered fall semester only: MTC 125, MUE 101, MUP 131, MUP 133.</li> <li>Complete a <b>resume</b> in MUE 101.</li> </ul>
 Milestone: Music students must successfully complete the <b>music theory diagnostic exam</b> before enrolling in School of Music, Dance and Theatre courses.			
 MTC 125: Basic Music Theory	3	C	
 MUE 101: The ASU School of Music Experience	1	C	
 MUP 111: Studio Instruction	2	C	
 MUP 442: Instrumental Ensembles OR MUP 443: Choral Ensembles	1	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MHL 140: Sounds and Cultures (HU & G)	3	C	
MUP 131: Class Piano OR MUP 133: Class Voice	1	C	
Term hours subtotal:	14		

Term 2 14 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MTC 221: Music Theory: 18th Century	3	C	<ul style="list-style-type: none"> <li>Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts.</li> <li>Students are expected to perform in at least one large ensemble per semester in semesters 1-4.</li> <li>Apply for <b>Identity Verified Print (IVP) fingerprint clearance card</b>, required by state law for participation in internships in K-12 grade schools.</li> <li>Courses offered in spring semester only: MTC 221, MUE 110, MUE 154, MUP 132, MUP 134.</li> <li>Familiarize yourself with information about <b>musicians' health</b>.</li> </ul>
 MUE 110: Introduction to Music Education	2	C	
 MUE 154: Gesture and Sound	1	C	
 MUP 111: Studio Instruction	2	C	
 MUP 442: Instrumental Ensembles OR MUP 443: Choral Ensembles	1	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MUP 132: Class Piano OR MUP 134: Class Voice	1	C	
Mathematics (MA)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 30 - 47 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MTC 222: Music Theory: 19th Century	3	C	<ul style="list-style-type: none"> <li>• Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts.</li> <li>• Refer to course list and consult with faculty mentor regarding MUE Lab Course selection. MUE 319 Digital and Hybrid Lab is required (can be taken during Term 3 or Term 4).</li> <li>• Courses offered in fall semester only: MTC 222, MUE 323, MUE 325.</li> <li>• Talk to your studio instructor about ways to enhance your performance skills; participate in at least two large ensemble performances.</li> </ul>
 MUP 111: Studio Instruction	2	C	
 MUP 442: Instrumental Ensembles OR MUP 443: Choral Ensembles	1	C	
 Complete 2 courses: Upper Division MUE Lab Course	4	C	
MHL 201: Media Literacy for Musicians (CS) OR AME 111: Introduction to Digital Culture (CS)	3	C	
Natural Science - Quantitative (SQ)	4		
 Complete Mathematics (MA) requirement.			
Complete First-Year Composition requirement.			
Term hours subtotal:	17		

Term 4 47 - 64 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MTC 223: Music Theory: 20th Century	3	C	<ul style="list-style-type: none"> <li>• Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts.</li> <li>• Meet with your advisor early in the semester to submit an "Intent to Progress" form that notifies Teachers College you will be ready to enroll in your first internship the following term. You will upload a copy of your IVP FPC with this form, required by state law. Teachers College will then invite you to attend their mandatory Professional Pathways Orientation.</li> <li>• GCU 113 meets US and AZ Constitution requirements for teaching certification.</li> <li>• Refer to course list and consult with faculty mentor regarding MUE Lab Course selection. MUE 319 Digital and Hybrid Lab is required (can be taken during Term 3 or Term 4).</li> <li>• Courses offered in spring semester only: MTC 223, MUE 321.</li> <li>• Create and continue to add to a professional online portfolio.</li> </ul>
 MUP 111: Studio Instruction	2	C	
 MUP 442: Instrumental Ensembles OR MUP 443: Choral Ensembles	1	C	
 Complete 2 courses: Upper Division MUE Lab Course	4	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Social-Behavioral Sciences (SB) AND Historical Awareness (H) (GCU 113 recommended)	3		
Milestone: All Music Learning and Teaching majors must audition with faculty during this term.			
Minimum 2.25 GPA ASU Cumulative.			
Term hours subtotal:	17		

Term 5 64 - 78 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 MUP 311: Studio Instruction	2	C	<ul style="list-style-type: none"> <li>• Refer to course list and consult with faculty mentor regarding The Art of Teaching course selection.</li> <li>• Students are expected to perform in at least one large ensemble per semester in semesters 5-7.</li> <li>• Please see Upper Division MHL Through Present Time Course list for options.</li> <li>• TEL 215 is a required course for students seeking teacher certification.</li> <li>• Courses offered in fall semesters only: MUE 481.</li> </ul>
 TEL 355: Internship: Initial	1	C	
 Upper Division MHL Through Present Time Course AND Upper Division Humanities, Arts and Design (HU)	3	C	
MUP 442: Instrumental Ensembles OR MUP 443: Choral Ensembles	1	C	
TEL 215: Introduction to Child and Adolescent Development (SB)	3	C	
Upper Division The Art of Teaching Course	4	B	
Minimum 2.25 GPA ASU Cumulative.			
Term hours subtotal:	14		

- Courses offered in rotations: MUE 413 (every fall and even springs), MUE 415 (every fall and odd springs).
- Gather a list of **professional references**.

Term 6 78 - 94 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MUP 311: Studio Instruction	2	C	<ul style="list-style-type: none"> <li>• Refer to course list and consult with faculty mentor regarding The Art of Teaching course selection.</li> <li>• Please see Upper Division MHL HU Course list for options.</li> <li>• Courses offered in spring semester only: MUE 480, MUE 482.</li> <li>• Courses offered in rotations: MUE 413 (every fall and even springs), MUE 415 (every fall and odd springs).</li> <li>• Complete <b>internships</b> at two different schools.</li> </ul>
★ TEL 366: Internship: Intermediate	1	C	
★ Upper Division MHL Course AND Upper Division Humanities, Arts and Design (HU)	3	C	
MUE 161: Introduction to Music Therapy	2	C	
MUP 442: Instrumental Ensembles OR MUP 443: Choral Ensembles	1	C	
Upper Division The Art of Teaching Course	4	B	
Literacy and Critical Inquiry (L) AND Cultural Diversity in the U.S. (C)	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Minimum 2.25 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 7 94 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MUP 311: Studio Instruction	2	C	<ul style="list-style-type: none"> <li>• Refer to course list and consult with faculty mentor regarding The Art of Teaching course selection.</li> <li>• BLE 408 required for students pursuing K-12 certification.</li> </ul>
★ TEL 477: Internship: Advanced	2	C	
BLE 408: Structured English Immersion (SEI) Methods (L)	3	C	
MUP 442: Instrumental Ensembles OR MUP 443: Choral Ensembles	1	C	
MUP 495: Performance	0	C	
Upper Division The Art of Teaching Course	4	B	
Elective	2		
Minimum 2.25 GPA ASU Cumulative.			
Term hours subtotal:	14		

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TEL 488: Student Teaching	11	C	<ul style="list-style-type: none"> <li>• Take the AEP/NES Professional Knowledge Test in Term 8 (secondary recommended; necessary for teacher certification).</li> <li>• Your student teaching residency requires a full-time commitment in the K-12th grade classroom for the semester (necessary for teacher certification).</li> </ul>
TEL 471: Professional Educator Series: The Principled Educator	1		
Minimum 2.25 GPA ASU Cumulative.			
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

The Art of Teaching Courses	MUE Lab Courses	Upper Division MHL (HU) Through Present Time Courses
MUE 413: The Art of Teaching Children Music	Required:	MHL 342: Music History II (HU)

MUE 415: The Art of Teaching Contemporary Musicians	MUE 319: Digital and Hybrid Lab	MHL 344: Music in World Cultures (HU & G)
MUE 480: The Art of Teaching Choral Musicians	Choose 3 additional courses:	MHL 365: Popular Music and Race ((L or HU) & C)
MUE 481: The Art of Teaching Beginning Instrumentalists	MUE 317: Strings Lab	MHL 394: Music in the Middle East
MUE 482: The Art of Teaching Advanced Instrumentalists	MUE 321: Jazz Lab	MHL 440: Topics in 20th-Century Music (L or HU)
	MUE 323: Keyboard Lab	MHL 441: Concerts in the 20th Century (HU)
	MUE 325: Voice/Choral Lab	MHL 445: Music of the Silk Road (HU & G)
	MUE 327: Brass Lab	MHL 447: Music and Healing (HU & H & G)
	MUE 334: Guitar Lab	MHL 494: Music and Film
	MUE 336: Percussion Lab	MHL 494: Recycled Music: Medieval to Modern
	MUE 337: Woodwinds Lab	
	MUE 394: Popular Music Lab for Teachers	
<b>Upper Division MHL (HU) Courses</b>		
MHL 341: Music History I (HU)		
MHL 342: Music History II (HU)		
MHL 344: Music in World Cultures (HU & G)		
MHL 365: Popular Music and Race ((L or HU) & C)		
MHL 394: Music in the Middle East		
MHL 440: Topics in 20th-Century Music (L or HU)		
MHL 441: Concerts in the 20th Century (HU)		
MHL 445: Music of the Silk Road (HU & G)		
MHL 447: Music and Healing (HU & H & G)		
MHL 494: Music and Film		
MHL 494: Recycled Music: Medieval to Modern		

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.






## 2023 - 2024 Major Map




### Music Therapy, **BMUS**

School/College: Herberger Institute for Design and the Arts







Location: Tempe





FAMUSTHBM




Term 1 0 - 15 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 Milestone: Music students must successfully complete an <b>entrance audition</b> into the major before enrolling at ASU.			<ul style="list-style-type: none"> <li>• MUE 101 The ASU School of Music Experience is required of all first-year music therapy majors.</li> <li>• Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts.</li> <li>• See course list below for MUP 4** (400-Level) Music Ensemble course options. Students should complete four large ensembles and two small ensembles.</li> <li>• For statistics, students may choose PSY 230 or STP 226; if students choose PSY 230, they must complete MAT 119 or higher for Mathematics (MA) requirement.</li> <li>• Courses offered in fall semester only: MTC 125, MUE 101, MUP 131.</li> <li>• Complete a <b>resume</b> in MUE 101.</li> </ul>
 Milestone: Music students must successfully complete the <b>music theory diagnostic exam</b> before enrolling in School of Music, Dance and Theatre courses.			
 MUE 101: The ASU School of Music Experience	1	C	
 MUP 111: Studio Instruction	2	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MTC 125: Basic Music Theory	3	C	
MUE 335: Educational Methods for Guitar	1	C	
MUP 131: Class Piano	1	C	
MUP 442: Instrumental Ensembles OR MUP 443: Choral Ensembles OR 4** (400-Level) MUP Music Ensemble	1	C	
Mathematics (MA)	3	C	
Term hours subtotal:	15		

Term 2 15 - 31 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MUP 111: Studio Instruction	2	C	<ul style="list-style-type: none"> <li>• Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts.</li> <li>• See course list below for MUP 4** (400-Level) Music Ensemble course options.</li> <li>• Courses offered in spring semester only: MTC 221, MUP 132.</li> <li>• Familiarize yourself with information about <b>musicians' health</b>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MHL 140: Sounds and Cultures (HU & G)	3	C	
MTC 221: Music Theory: 18th Century	3	C	
MUP 132: Class Piano	1	C	
MUP 442: Instrumental Ensembles OR MUP 443: Choral Ensembles OR 4** (400-Level) MUP Music Ensemble	1	C	
PSY 101: Introduction to Psychology (SB)	3	C	
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

		Minimum	
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Term 3 31 - 48 Credit Hours <b>Critical course signified by</b> 	Hours	Grade	Notes
 MUE 161: Introduction to Music Therapy	2	C	<ul style="list-style-type: none"> <li>• Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts.</li> <li>• See course list below for MUP 4** (400-Level) Music Ensemble course options.</li> <li>• Courses offered in fall semester only: MTC 222, MUE 162, MUP 133, MUP 231.</li> <li>• Talk to your studio instructor about ways to enhance your performance skills; participate in at least two large ensemble performances.</li> </ul>
 MUE 162: Introduction to Music Therapy Lab	1	C	
 MUP 111: Studio Instruction	2	C	
CDE 232: Human Development (SB)	3		
MTC 222: Music Theory: 19th Century	3	C	
MUP 133: Class Voice	1	C	
MUP 231: Class Piano	1	C	
MUP 442: Instrumental Ensembles OR MUP 443: Choral Ensembles OR 4** (400-Level) MUP Music Ensemble	1	C	
SOC 101: Introductory Sociology (SB)	3		
 Complete Mathematics (MA) requirement.			
 Complete MTC 125 AND MUP 131.			
Complete First-Year Composition requirement.			
Term hours subtotal:	17		

Term 4 48 - 64 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MUE 261: Music Therapy Treatment Process	3	C	<ul style="list-style-type: none"> <li>• Students must pass a jury in term 4 to be eligible for MUP 311 as an Advanced Performance Course in Term 5.</li> <li>• Students must pass music therapy jury 1 in term 4 to be eligible for MUE 384 Therapy Practicum I and upper division courses. Students can retake the jury one time.</li> <li>• Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts.</li> <li>• See course list below for MUP 4** (400-Level) Music Ensemble course options.</li> <li>• Courses offered in spring semester only: MTC 223, MUE 260, MUE 261, MUP 134, MUP 232.</li> <li>• Participate in clinical work at ASU's Music Therapy Clinic.</li> </ul>
 MUP 111: Studio Instruction	2	C	
MTC 223: Music Theory: 20th Century	3	C	
MUE 260: Repertoire for Music Therapy	2	C	
MUP 134: Class Voice	1	C	
MUP 232: Class Piano	1	C	
MUP 442: Instrumental Ensembles OR MUP 443: Choral Ensembles OR 4** (400-Level) MUP Music Ensemble	1	C	
SPE 222: Orientation to Education of Exceptional Children (SB & C)	3		
 Complete MTC 221 AND MUP 132.			
Term hours subtotal:	16		

Term 5 64 - 80 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 MUE 384: Therapy Practicum I	1	C	<ul style="list-style-type: none"> <li>• Please see Upper Division MHL Course list below for options.</li> <li>• A minimum of four hours of Advanced Performance is required. Students may complete this requirement by taking four hours of MUP 311 Studio Instruction or by substituting Advanced Performance courses toward this requirement. Please refer to the Advanced Performance course list below for options.</li> <li>• See course list below for MUP 4** (400-Level) Music Ensemble course options.</li> </ul>
 MUE 467: Music Therapy Theory and Practice I	3	C	
MUP 209: Beginning Choral Conducting OR MUP 210: Beginning Instrumental Conducting	1	C	
MUP 442: Instrumental Ensembles OR MUP 443: Choral Ensembles OR 4** (400-Level) MUP Music Ensemble	1	C	
PSY 230: Introduction to Statistics (CS) OR STP 226: Elements of Statistics (CS)	3		
PSY 366: Psychological Disorders (SB)	3		
Upper Division MHL Course AND Upper Division Humanities, Arts and Design (HU)	3	C	



Upper Division Advanced Performance Course 1-2 C

★ Complete MTC 222 AND MUP 231.

Term hours subtotal: 16-17

- Course offered in fall semesters only: MUE 467.
- Gather a list of **professional references**.

Term 6 80 - 94 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MUE 385: Therapy Practicum II	1	C	<ul style="list-style-type: none"> <li>• Students must pass music therapy jury 2 in term 6 to be eligible for MUE 476 Internship in Music Therapy. Students can retake the jury one time.</li> <li>• Please see Upper Division MHL Through Present Time Course list below for options.</li> <li>• A minimum of four hours of Advanced Performance is required. Students may complete this requirement by taking four hours of MUP 311 Studio Instruction or by substituting Advanced Performance Courses toward this requirement. Please refer to the Advanced Performance Course list below for options.</li> <li>• See course list below for MUP 4** (400-Level) Music Ensemble course options.</li> <li>• Courses offered in spring semesters only: MUE 381, MUE 463.</li> <li>• Complete two clinical experiences.</li> </ul>
★ MUE 463: Music Therapy Theory and Practice II	3	C	
MUE 381: Music Therapy Research (L)	3	C	
MUE 434: Health Rhythms Drum Facilitation	2	C	
MUP 442: Instrumental Ensembles OR MUP 443: Choral Ensembles OR 4** (400-Level) MUP Music Ensemble	1	C	
Upper Division MHL Through Present Time Course	3	C	
Upper Division Advanced Performance Course	1-2	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
★ Complete MTC 223 AND MUP 232.			
Term hours subtotal:	14-15		

Term 7 94 - 107 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MUE 386: Therapy Practicum III	2	C	<ul style="list-style-type: none"> <li>• A minimum of four hours of Advanced Performance is required. Students may complete this requirement by taking four hours of MUP 311 Studio Instruction or by substituting Advanced Performance Courses toward this requirement. Please refer to the Advanced Performance Course list below for options.</li> <li>• Courses offered in fall semester only: MUE 441, MUE 475.</li> </ul>
BIO 160: Introduction to Anatomy and Physiology (SQ)	4		
MUE 441: Psychology of Music	3	C	
MUE 475: Group Process and Music Therapy	3	C	
Upper Division Advanced Performance Course	1-2	C	
Term hours subtotal:	13-14		

Term 8 107 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MUE 387: Therapy Practicum IV	2	C	<ul style="list-style-type: none"> <li>• A minimum of four hours of Advanced Performance is required. Students may complete this requirement by taking four hours of MUP 311 Studio Instruction or by substituting Advanced Performance Courses toward this requirement. Please refer to the Advanced Performance Course list below for options.</li> <li>• Complete clinical experiences and apply for a formal internship.</li> <li>• Students register for MUE 476 (6-month internship) in the last semester and complete it after finishing all coursework for the degree. Degree is posted after completion of all requirements and the internship.</li> </ul>
★ MUE 476: Internship in Music Therapy	1	C	
Upper Division Advanced Performance Course	1-2	C	
DCE Elective	2		
Upper Division Literacy and Critical Inquiry (L) AND Historical Awareness (H)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	13-14		

Hide Course List(s)/Track Group(s)

4** (400-Level) MUP Music Ensembles Course List	Advanced Performance Course List	Upper Division MHL Through Present Time Courses
MUP 442: Instrumental Ensembles	MUP 311: Studio Instruction	MHL 342: Music History II (HU)
MUP 443: Choral Ensembles	MUP 321: Studio Instruction	MHL 344: Music in World Cultures (HU & G)
MUP 444: Maroon and Gold Concert Band	MUP 417: Applied Jazz Improvisation	MHL 365: Popular Music and Race ((L or HU) & C)
MUP 450: Choral Union	MUP 479: Piano Ensemble	MHL 394: Music in the Middle East
MUP 455: Arizona Statesmen	MUP 485: Percussion Ensemble	MHL 440: Topics in 20th-Century Music (L or HU)
MUP 457: Sol Singers	MUP 489: Ethnomusicology Ensembles	MHL 441: Concerts in the 20th Century (HU)
MUP 458: ASU Gospel Choir		MHL 445: Music of the Silk Road (HU & G)
MUP 479: Chamber Music Ensembles		MHL 447: Music and Healing (HU & H & G)
MUP 486: Jazz Band		MHL 494: Music and Film
		MHL 494: Recycled Music: Medieval to Modern
Upper Division MHL (HU) Courses		
MHL 341: Music History I (HU)		
MHL 342: Music History II (HU)		
MHL 344: Music in World Cultures (HU & G)		
MHL 365: Popular Music and Race ((L or HU) & C)		
MHL 394: Music in the Middle East		
MHL 440: Topics in 20th-Century Music (L or HU)		
MHL 441: Concerts in the 20th Century (HU)		
MHL 445: Music of the Silk Road (HU & G)		
MHL 447: Music and Healing (HU & H & G)		
MHL 494: Music and Film		
MHL 494: Recycled Music: Medieval to Modern		

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>

- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.








## 2023 - 2024 Major Map






### Performance (Collaborative Piano), **BMUS**




School/College: Herberger Institute for Design and the Arts

Location: Tempe

FAMUSPPBM

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 Milestone: Music students must successfully complete an <b>entrance audition</b> into the major before enrolling at ASU.			<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. MUP 101 The ASU School of Music Experience is required of all first-year music majors.</li> <li>Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts.</li> <li>Courses offered fall semester only: MTC 125, MUP 101.</li> <li>Complete a <b>resume</b> in MUP 101.</li> </ul>
 Milestone: Music students must successfully complete the <b>music theory diagnostic exam</b> before enrolling in School of Music, Dance and Theatre courses.			
 MUP 101: The ASU School of Music Experience	1	C	
 MUP 127: Studio Instruction	4	C	
 MUP 479: Piano Ensemble	1	C	
 4** (400-Level) MUP Music Ensemble	1	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MTC 125: Basic Music Theory	3	C	
Mathematics (MA)	3		
Term hours subtotal:	16		

Term 2 16 - 31 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MUP 127: Studio Instruction	4	C	<ul style="list-style-type: none"> <li>Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts.</li> <li>Courses offered in spring semester only: MTC 221.</li> <li>Familiarize yourself with information about <b>musicians' health</b>.</li> </ul>
 MUP 479: Piano Ensemble	1	C	
 4** (400-Level) MUP Music Ensemble	1	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MHL 140: Sounds and Cultures (HU & G)	3	C	
MTC 221: Music Theory: 18th Century	3	C	
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		

Term 3 31 - 47 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MUP 127: Studio Instruction	4	C	<ul style="list-style-type: none"> <li>Applicability of transfer credit for studio instruction is determined based on successful</li> </ul>
 MUP 250: Diction for Singers	1	C	

❖ MUP 479: Piano Ensemble	1	C
MTC 222: Music Theory: 19th Century	3	C
Computer/Statistics/Quantitative Applications (CS) ( MHL 201 recommended)	3	
Natural Science - Quantitative (SQ)	4	
❖ Complete Mathematics (MA) requirement.		
❖ Complete MTC 125 by end of term 3.		
Complete First-Year Composition requirement.		
Term hours subtotal:	16	

- completion of audition and review of transcripts.
- Due to sequence of music theory courses, failure to successfully complete MTC 125 by end of Term 3 will negatively impact ability to complete degree in four years.
  - MUP 250 Italian Diction is offered in odd numbered fall semesters only.
  - MUP 250 German Diction is offered in even numbered spring semesters only.
  - MUP 250 French Diction is offered in even numbered fall semesters only.
  - Courses offered in fall semester only: MTC 222.
  - Talk to your studio instructor about ways to enhance your performance skills, and about appropriate ensemble and performance experiences.

Term 4 47 - 61 Credit Hours Critical course signified by ❖	Hours	Minimum Grade	Notes
❖ MUP 127: Studio Instruction	4	C	<ul style="list-style-type: none"> <li>• Applicability of transfer credit for studio instruction is determined based on successful completion of audition and review of transcripts.</li> <li>• Audition is required after Term 4 to continue into MUP 337 Studio Instruction: Collaborative Piano.</li> <li>• Courses offered in spring semester only: MTC 223.</li> </ul>
MTC 223: Music Theory: 20th Century	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3		
❖ Complete MTC 221 by end of term 4.			
Term hours subtotal:	14		

Term 5 61 - 76 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MHL 341: Music History I (HU)	3	C	<ul style="list-style-type: none"> <li>• Course offered in fall semester only: MUP 210.</li> </ul>
★ MUP 495: Performance	0	Y	
MUP 209: Beginning Choral Conducting OR MUP 210: Beginning Instrumental Conducting	1	C	
MUP 311: Studio Instruction	2	C	
MUP 337: Studio Instruction: Collaborative Piano	2	C	
MUP 388: Collaborative Piano	1	C	
Literacy and Critical Inquiry (L)	3		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
★ Complete MTC 222 by end of term 5.			
Term hours subtotal:	15		

Term 6 76 - 91 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division MHL Through Present Time Course AND Upper Division Humanities, Arts and Design (HU)	3	C	<ul style="list-style-type: none"> <li>• MTC 428, MUP 451: Piano Chamber Music, and MUP 453 are offered in odd numbered spring semesters only.</li> <li>• Certain studios may require an additional semester of repertoire; please check with your studio professor.</li> </ul>
★ MUP 495: Performance	0	Y	
MTC 428: Advanced Form and Analysis	3	C	
MUP 311: Studio Instruction	2	C	

MUP 337: Studio Instruction: Collaborative Piano	2	C
MUP 388: Collaborative Piano	1	C
MUP 451: Piano Chamber Music	2	C
MUP 453: Art Song Repertoire OR MHL OR MTC OR MUP OR MUE OR MDC OR MSC Upper Division Elective	2	C
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
★ Complete MTC 223 by end of term 6.		
★ Complete MUP 209 OR MUP 210 by end of term 6.		
Term hours subtotal:	15	

- Gather a list of professional references.

Term 7 91 - 106 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MUP 496: Performance	0	Y	• Prepare, publicize, and present a public performance.
MUP 311: Studio Instruction	2	C	
MUP 337: Studio Instruction: Collaborative Piano	2	C	
MUP 388: Collaborative Piano	1	C	
MUP 487: Collaborative Piano	1	C	
MHL course (L) Upper Division	3	C	
MHL OR MTC OR MUP OR MUE OR MDC OR MSC Upper Division Elective ( MUP 451 OR MUP 484 OR MUP 438 recommended)	3	C	
MHL OR MTC OR MUP OR MUE OR MDC OR MSC Elective ( MSC 115 OR MSC 212 OR MUP 451 OR MUP 484 OR MUP 438 recommended)	3	C	
Term hours subtotal:	15		

Term 8 106 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MUP 496: Performance	0	Y	• MUP 453 offered in odd spring semesters only.
MUP 311: Studio Instruction	2	C	
MUP 337: Studio Instruction: Collaborative Piano	2	C	
MUP 388: Collaborative Piano	1	C	
MUP 453: Art Song Repertoire OR MHL OR MTC OR MUP OR MUE OR MDC OR MSC Upper Division Elective	2	C	
Complete 2 courses: MHL OR MTC OR MUP OR MUE OR MDC OR MSC Upper Division Elective ( MUP 451 OR MUP 484 OR MUP 438 recommended)	4	C	
Elective OR MDC 484: Internship OR MHL 484: Internship OR MSC 484: Internship OR MTC 484: Internship OR MUE 484: Internship OR MUP 484: Internship	3		
Term hours subtotal:	14		

Hide Course List(s)/Track Group(s)

MUP 4** (400-Level) Ensembles Course List	Upper Division MHL (HU) Through Present Time Courses
MUP 443: Choral Ensembles	MHL 342: Music History II (HU)

MUP 450: Choral Union	MHL 344: Music in World Cultures (HU & G)
MUP 455: Arizona Statesmen	MHL 365: Popular Music and Race ((L or HU) & C)
MUP 457: Sol Singers	
MUP 479: Chamber Music Ensembles	MHL 394: Music in the Middle East
MUP 485: Percussion Ensemble	MHL 440: Topics in 20th-Century Music (L or HU)
MUP 486: Jazz Band	MHL 441: Concerts in the 20th Century (HU)
MUP 489: Ethnomusicology Ensembles	MHL 445: Music of the Silk Road (HU & G)
	MHL 447: Music and Healing (HU & H & G)
	MHL 494: Music and Film
	MHL 494: Recycled Music: Medieval to Modern

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.







## 2023 - 2024 Major Map





### Performance (Guitar), **BMUS**




School/College: Herberger Institute for Design and the Arts

Location: Tempe

FAMUSPGBM

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 Milestone: Music students must successfully complete an <b>entrance audition</b> into the major before enrolling at ASU.			<ul style="list-style-type: none"> <li>• MUP 101 The ASU School of Music Experience required of all first-year music majors.</li> <li>• Completion of Piano Diagnostic Exam determines placement into Class Piano courses.</li> <li>• Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts.</li> <li>• Courses offered fall semester only: MTC 125, MUP 101, MUP 131.</li> <li>• Complete a <b>resume</b> in MUP 101.</li> </ul>
 Milestone: Music students must successfully complete the <b>music theory diagnostic exam</b> before enrolling in School of Music, Dance and Theatre courses.			
 MUP 101: The ASU School of Music Experience	1	C	
 MUP 127: Studio Instruction	4	C	
 MUP 479: Guitar Ensemble	1	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MTC 125: Basic Music Theory	3	C	
MUP 131: Class Piano	1	C	
Mathematics (MA)	3		
Term hours subtotal:	16		

Term 2 16 - 31 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MUP 127: Studio Instruction	4	C	<ul style="list-style-type: none"> <li>• Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts.</li> <li>• Courses offered in spring semester only: MTC 221, MUP 132.</li> <li>• Familiarize yourself with information about <b>musicians' health</b>.</li> </ul>
 MUP 479: Guitar Ensemble	1	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MHL 140: Sounds and Cultures (HU & G)	3	C	
MTC 221: Music Theory: 18th Century	3	C	
MUP 132: Class Piano	1	C	
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		

Term 3 31 - 46 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MUP 127: Studio Instruction	4	C	
 MUP 479: Guitar Ensemble	1	C	



MTC 222: Music Theory: 19th Century	3	C
MUP 231: Class Piano	1	C
Computer/Statistics/Quantitative Applications (CS) (MHL 201 recommended)	3	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3	
❖ Complete Mathematics (MA) requirement.		
❖ Complete MTC 125 AND MUP 131 course(s).		
Complete First-Year Composition requirement.		
Term hours subtotal:	15	

- Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts.
- Due to sequence of music theory courses, failure to successfully complete MTC 125 by end of Term 3 will negatively impact ability to complete degree in four years.
- Courses offered in fall semester only: MTC 222, MUP 231.
- Talk to your studio instructor about ways to enhance your performance skills, and about appropriate ensemble and performance experiences.

Term 4 46 - 61 Credit Hours Critical course signified by ❖	Hours	Minimum Grade	Notes
❖ MUP 127: Studio Instruction	4	C	<ul style="list-style-type: none"> <li>• Applicability of transfer credit for ensemble requirements and studio instruction is determined based on successful completion of audition and review of transcripts.</li> <li>• For music elective options, please refer to Recommended Music Electives list below.</li> <li>• Courses offered in spring semester only: MTC 223, MUP 232.</li> </ul>
❖ MUP 479: Guitar Ensemble	1	C	
MTC 223: Music Theory: 20th Century	3	C	
MUP 232: Class Piano	1	C	
MHL OR MTC OR MUP OR MUE OR MDC OR MSC Elective	3	C	
Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3		
❖ Complete MTC 221 AND MUP 132 course(s).			
Term hours subtotal:	15		

Term 5 61 - 76 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MUP 327: Studio Instruction	4	C	<ul style="list-style-type: none"> <li>• One semester of counterpoint is required. Choose from MTC 320 (modal - odd fall semesters) or MTC 321 (tonal - even spring semesters). Complete by end of Term 6.</li> <li>• Courses offered in fall semester only: MTC 320 (odd numbered fall semesters only), MUP 210.</li> </ul>
★ MUP 479: Guitar Ensemble	1	C	
★ Upper Division MHL Through Present Time Course AND Upper Division Humanities, Arts and Design (HU)	3	C	
MTC 320: Modal Counterpoint OR MTC 321: Tonal Counterpoint	2	C	
MUP 210: Beginning Instrumental Conducting OR MUP 209: Beginning Choral Conducting	1	C	
Natural Science - Quantitative (SQ)	4		
★ Complete MTC 222 AND MUP 231 course(s).			
Term hours subtotal:	15		

Term 6 76 - 91 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MUP 327: Studio Instruction	4	C	<ul style="list-style-type: none"> <li>• MTC 321 offered in even numbered spring semesters only.</li> <li>• Gather a list of <b>professional references</b>.</li> </ul>
★ MUP 479: Guitar Ensemble	1	C	
★ MUP 495: Performance	0	Y	
★ Upper Division MHL Course AND Upper Division Humanities, Arts and Design (HU)	3	C	
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

★ Complete MTC 223 AND MUP 232 course(s).

★ Complete MTC 320 OR MTC 321.

Term hours subtotal: 15

Term 7 91 - 107 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MUP 327: Studio Instruction	4	C	<ul style="list-style-type: none"> <li>For music elective options, please refer to Recommended Music Electives list below.</li> </ul>
★ MUP 479: Guitar Ensemble	1	C	
MUP 481: Performance Pedagogy and Materials	2	C	
MHL course (L) Upper Division	3	C	
Complete 2 courses: MHL OR MTC OR MUP OR MUE OR MDC OR MSC Upper Division Elective	6	C	
Term hours subtotal:	16		

Term 8 107 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MUP 327: Studio Instruction	4	C	<ul style="list-style-type: none"> <li>For music elective options, please refer to Recommended Music Electives list below.</li> <li>Prepare, publicize, and present a public performance.</li> </ul>
★ MUP 479: Guitar Ensemble	1	C	
★ MUP 496: Performance	0	Y	
MUP 451: Repertoire	2	C	
MHL OR MTC OR MUP OR MUE OR MDC OR MSC Elective	3	C	
Elective OR MDC 484: Internship OR MHL 484: Internship OR MSC 484: Internship OR MTC 484: Internship OR MUE 484: Internship OR MUP 484: Internship	3		
Term hours subtotal:	13		

Hide Course List(s)/Track Group(s)

Upper Division MHL (HU) Through Present Time Courses	Upper Division MHL (HU) Courses	Recommended Music Electives
MHL 342: Music History II (HU)	MHL 341: Music History I (HU)	MHL 201: Media Literacy for Musicians (CS)
MHL 344: Music in World Cultures (HU & G)	MHL 342: Music History II (HU)	MHL 439: Topics in 19th-Century Music
MHL 365: Popular Music and Race ((L or HU) & C)	MHL 344: Music in World Cultures (HU & G)	MHL 440: Topics in 20th-Century Music (L or HU)
MHL 394: Music in the Middle East	MHL 365: Popular Music and Race ((L or HU) & C)	MUP 340: Intermediate Conducting
MHL 440: Topics in 20th-Century Music (L or HU)	MHL 394: Music in the Middle East	MUP 451: Repertoire
MHL 441: Concerts in the 20th Century (HU)	MHL 440: Topics in 20th-Century Music (L or HU)	
MHL 445: Music of the Silk Road (HU & G)	MHL 441: Concerts in the 20th Century (HU)	
MHL 447: Music and Healing (HU & H & G)	MHL 445: Music of the Silk Road (HU & G)	
MHL 494: Music and Film	MHL 447: Music and Healing (HU & H & G)	
MHL 494: Recycled Music: Medieval to Modern	MHL 494: Music and Film	

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MHL 494: Recycled Music: Medieval to  
Modern

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**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.













## 2023 - 2024 Major Map

### Performance (Jazz), **BMUS**

School/College: Herberger Institute for Design and the Arts

Location: Tempe

FAMUSPJBM

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes	
 Milestone: Music students must successfully complete an <b>entrance audition</b> into the major before enrolling at ASU.			<ul style="list-style-type: none"> <li>• MUP 101: The ASU School of Music Experience is required of all first-year music majors.</li> <li>• Completion of Piano Diagnostic Exam determines placement into Class Piano courses.</li> <li>• Applicability of transfer credit for ensembles and studio instruction is determined based on successful completion of audition and review of transcripts.</li> <li>• Courses offered fall semester only: MTC 125, MUP 101, MUP 131.</li> <li>• Complete a <b>resume</b> in MUP 101.</li> </ul>	
 Milestone: Music students must successfully complete the <b>music theory diagnostic exam</b> before enrolling in School of Music, Dance and Theatre courses.				
 MUP 101: The ASU School of Music Experience	1	C		
 MUP 127: Studio Instruction	4	C		
 MUP 479: Jazz Combo	1	C		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C		
MTC 125: Basic Music Theory	3	C		
MUP 131: Class Piano	1	C		
Mathematics (MA)	3			
Term hours subtotal:	16			
Term 2 16 - 33 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes	
 MUP 127: Studio Instruction	4	C	<ul style="list-style-type: none"> <li>• Applicability of transfer credit for ensembles and studio instruction is determined based on successful completion of audition and review of transcripts.</li> <li>• Courses offered in spring semester only: MTC 221, MTC 440, MUP 132.</li> <li>• Familiarize yourself with information about <b>musicians' health</b>.</li> </ul>	
 MUP 479: Jazz Combo	1	C		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C		
MHL 140: Sounds and Cultures (HU & G)	3	C		
MTC 221: Music Theory: 18th Century	3	C		
MTC 440: Jazz Theory and Ear Training	2	C		
MUP 132: Class Piano	1	C		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).				
Term hours subtotal:	17			
Term 3 33 - 49 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade		Notes
 MUP 127: Studio Instruction	4	C		

❖ MUP 479: Jazz Combo	1	C
MTC 222: Music Theory: 19th Century	3	C
MUP 235: Jazz Piano	1	C
Natural Science - Quantitative (SQ)	4	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3	
❖ Complete Mathematics (MA) requirement.		
❖ Complete MTC 125 AND MUP 131.		
Complete First-Year Composition requirement.		
Term hours subtotal:	16	

- Applicability of transfer credit for ensembles and studio instruction is determined based on successful completion of audition and review of transcripts.
- Due to sequence of music theory courses, failure to successfully complete MTC 125 by Term 3 will negatively impact ability to complete degree in four years.
- Courses offered in fall semester only: MTC 222, MUP 235.
- Talk to your studio instructor about ways to enhance your performance skills, and about appropriate ensemble and performance experiences.

Term 4 49 - 65 Credit Hours Critical course signified by ❖	Hours	Minimum Grade	Notes
❖ MUP 127: Studio Instruction	4	C	<ul style="list-style-type: none"> <li>• Applicability of transfer credit for ensembles and studio instruction is determined based on successful completion of audition and review of transcripts.</li> <li>• Courses offered in spring semester only: MTC 223, MUP 236.</li> </ul>
❖ MUP 479: Jazz Combo	1	C	
MTC 223: Music Theory: 20th Century	3	C	
MUP 236: Jazz Piano	1	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3		
❖ Complete MTC 221 AND MUP 132.			
Term hours subtotal:	16		

Term 5 65 - 79 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MUP 327: Studio Instruction	4	C	<ul style="list-style-type: none"> <li>• MTC 415 offered in fall semesters only.</li> </ul>
★ Upper Division MHL Through Present Time Course AND Upper Division Humanities, Arts and Design (HU)	3	C	
MTC 415: Scoring for Instrumental Jazz Ensembles I	2	C	
MUP 479: Jazz Combo	1	C	
MUP 486: Jazz Band	1	C	
Computer/Statistics/Quantitative Applications (CS) ( MHL 201 recommended)	3		
★ Complete MTC 222 AND MUP 235 course(s).			
Term hours subtotal:	14		

Term 6 79 - 95 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MUP 327: Studio Instruction	4	C	<ul style="list-style-type: none"> <li>• Courses offered in spring semester only: MTC 416, MUP 319.</li> <li>• Gather a list of professional references.</li> </ul>
★ MUP 495: Performance	0	Y	
★ Upper Division MHL Course AND Upper Division Humanities, Arts and Design (HU)	3	C	
MTC 416: Scoring for Instrumental Jazz Ensembles II	2	C	
MUP 319: Advanced Audio Engineering in the Arts	2	C	
MUP 479: Jazz Combo	1	C	
MUP 486: Jazz Band	1	C	
Literacy and Critical Inquiry (L)	3		

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

★ Complete MTC 223 AND MUP 236 course(s).

Term hours subtotal: 16

Term 7 95 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MUP 327: Studio Instruction	4	C	• Prepare, publicize, and present a public performance.
MUP 451: Jazz Repertoire	2	C	
MUP 486: Jazz Band	1	C	
MHL course (L) Upper Division	3	C	
Elective	3		
Term hours subtotal:	13		

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MUP 327: Studio Instruction	4	C	• Course offered in spring semester only: MTC 441.
★ MUP 496: Performance	0	Y	
MTC 441: Jazz Composition	2	C	
MUP 451: Jazz Repertoire	2	C	
MUP 486: Jazz Band	1	C	
Elective OR MDC 484: Internship OR MHL 484: Internship OR MSC 484: Internship OR MTC 484: Internship OR MUE 484: Internship OR MUP 484: null	3		
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

Upper Division MHL (HU) Through Present Time Courses	Upper Division MHL (HU) Courses
MHL 342: Music History II (HU)	MHL 341: Music History I (HU)
MHL 344: Music in World Cultures (HU & G)	MHL 342: Music History II (HU)
MHL 365: Popular Music and Race ((L or HU) & C)	MHL 344: Music in World Cultures (HU & G)
MHL 394: Music in the Middle East	MHL 365: Popular Music and Race ((L or HU) & C)
MHL 440: Topics in 20th-Century Music (L or HU)	MHL 394: Music in the Middle East
MHL 441: Concerts in the 20th Century (HU)	MHL 440: Topics in 20th-Century Music (L or HU)
MHL 445: Music of the Silk Road (HU & G)	MHL 441: Concerts in the 20th Century (HU)
MHL 447: Music and Healing (HU & H & G)	MHL 445: Music of the Silk Road (HU & G)
MHL 494: Music and Film	MHL 447: Music and Healing (HU & H & G)
MHL 494: Recycled Music: Medieval to Modern	MHL 494: Music and Film
	MHL 494: Recycled Music: Medieval to Modern

**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.






## 2023 - 2024 Major Map




### Performance (Keyboard), BMUS

School/College: [Herberger Institute for Design and the Arts](#)





Location: [Tempe](#)




FAMUSPKBM





Term 1 0 - 15 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 Milestone: Music students must successfully complete an <b>entrance audition</b> into the major before enrolling at ASU.			<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. First-year music majors take MUP 101: The ASU School of Music Experience.</li> <li>For MUP 4** Ensemble course options, students must select at least one ensemble from each of the below categories: (1) Small Ensemble, (2) Large Ensemble, (3) Choral Ensemble, and (4) Jazz, Ethno, World Music, or Popular Music Ensemble. Courses available in each category are listed at the bottom of the major map.</li> <li>Students receiving music scholarships should register for MUP 487 in Term 1.</li> <li>Applicability of transfer credit for ensembles and studio instruction is determined based on successful completion of audition and review of transcripts.</li> <li>Courses offered in fall semester only: MTC 125, MUP 101.</li> <li>Complete a <a href="#">resume</a> in MUP 101.</li> </ul>
 Milestone: Music students must successfully complete the <b>music theory diagnostic exam</b> before enrolling in School of Music, Dance and Theatre courses.			
 MUP 101: The ASU School of Music Experience	1	C	
 MUP 127: Studio Instruction	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MTC 125: Basic Music Theory	3	C	
4** MUP Ensembles	1	C	
Mathematics (MA)	3		
Term hours subtotal:	15		

Term 2 15 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MUP 127: Studio Instruction	4	C	<ul style="list-style-type: none"> <li>Applicability of transfer credit for ensembles and studio instruction is determined based on successful completion of audition and review of transcripts.</li> <li>For MUP 4** Ensemble course options, students must select at least one ensemble from each of the below categories: (1) Small Ensemble, (2) Large Ensemble, (3) Choral Ensemble, and (4) Jazz, Ethno, World Music, or Popular Music Ensemble. Courses available in each category are listed at the bottom of the major map.</li> <li>Course offered in spring semester only: MTC 221.</li> <li>Familiarize yourself with information about <a href="#">musicians' health</a>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MHL 140: Sounds and Cultures (HU & G)	3	C	
MTC 221: Music Theory: 18th Century	3	C	
4** MUP Ensembles	1	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	17		



Term 3 32 - 47 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 MUP 127: Studio Instruction	4	C	<ul style="list-style-type: none"> <li>• Applicability of transfer credit for ensembles and studio instruction is determined based on successful completion of audition and review of transcripts.</li> <li>• For MUP 4** Ensemble course options, students must select at least one ensemble from each of the below categories: (1) Small Ensemble, (2) Large Ensemble, (3) Choral Ensemble, and (4) Jazz, Ethno, World Music, or Popular Music Ensemble. Courses available in each category are listed at the bottom of the major map.</li> <li>• Due to sequence of music theory courses, failure to successfully complete MTC 125 by the end of Term 3 will negatively impact ability to complete degree in four years.</li> <li>• Courses offered in fall semester only: MTC 222.</li> <li>• Talk to your studio instructor about ways to enhance your performance skills, and about appropriate ensemble and performance experiences, including preparing your Term 4 jury to advance to MUP 327 in Term 5.</li> </ul>
MTC 222: Music Theory: 19th Century	3	C	
4** MUP Ensembles	1	C	
Computer/Statistics/Quantitative Applications (CS) (MHL 201 recommended)	3		
Natural Science - Quantitative (SQ)	4		
 Complete Mathematics (MA) requirement.			
 Complete MTC 125.			
Complete First-Year Composition requirement.			
Term hours subtotal:	15		

Term 4 47 - 62 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 MUP 127: Studio Instruction	4	C	<ul style="list-style-type: none"> <li>• Applicability of transfer credit for ensembles and studio instruction is determined based on successful completion of audition and review of transcripts.</li> <li>• For MUP 4** Ensemble course options, students must select at least one ensemble from each of the below categories: (1) Small Ensemble, (2) Large Ensemble, (3) Choral Ensemble, and (4) Jazz, Ethno, World Music, or Popular Music Ensemble. Courses available in each category are listed at the bottom of the major map.</li> <li>• Course offered in spring semester only: MTC 223.</li> </ul>
MTC 223: Music Theory: 20th Century	3	C	
4** MUP Ensembles	1	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3		
 Complete MTC 221.			
Term hours subtotal:	15		

Term 5 62 - 77 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
 MHL 341: Music History I (HU)	3	C	<ul style="list-style-type: none"> <li>• <b>Pedagogy and Repertoire:</b> Students must complete MUP 451 Piano Lit I, MUP 451 Piano Lit II, and MUP 481 Piano Beginner to complete this requirement. Courses can be taken in any order.</li> <li>• <b>Students who enter in an odd catalog year will take the courses in this sequence:</b> MUP 451 Piano Lit I (odd fall, Term 5), MUP 451 Piano Lit II (even spring, Term 6), MUP 481 Piano Beginner (even fall, Term 7).</li> <li>• <b>Students who enter in an even catalog year will take the courses in this sequence:</b> MUP 481 Piano Beginner (even fall, Term 5), MUP</li> </ul>
 MUP 327: Studio Instruction	4	C	
MTC 425: Studies in 20th- and 21st-Century Theory	3	C	
MUP 209: Beginning Choral Conducting OR MUP 210: Beginning Instrumental Conducting	1	C	
MUP 451: Piano Lit I OR MUP 481: Piano: Beginner	2	C	
MUP 479: Piano Ensemble	1	C	
MUP 487: Collaborative Piano	1	C	
 Complete MTC 222.			
Term hours subtotal:	15		

451 Piano Lit I (odd fall, Term 7), MUP 451 Piano Lit II (even spring, Term 8).  
 • Courses offered in fall semester only: MTC 425, MUP 210, MUP 487.

Term 6 77 - 92 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MUP 327: Studio Instruction	4	C	<ul style="list-style-type: none"> <li>• MUP 451 Piano Chamber Music (odd springs) and/or MUP 482 Intermediate (odd springs) are recommended for the upper division music elective.</li> <li>• MUP 451 Piano Lit II is offered in even springs.</li> <li>• Course offered in spring semester only: MUP 440 (odd numbered spring semesters only).</li> <li>• Gather a list of <b>professional references</b>.</li> </ul>
★ MUP 495: Performance	0	Y	
★ Upper Division MHL Through Present Time Course AND Upper Division Humanities, Arts and Design (HU)	3	C	
MUP 121: Organ OR MUP 121: Harpsichord	1	C	
MUP 440: Keyboard Harmony	1	C	
MUP 451: Piano Lit II OR MDC OR MHL OR MTC OR MUE OR MUP OR MSC Upper Division Elective	2	C	
MUP 479: Piano Ensemble	1	C	
MDC OR MHL OR MTC OR MUE OR MUP OR MSC Elective ( MSC 115 OR MSC 212 OR MUP 451 OR MUP 484 OR MUP 438 recommended)	3	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
★ Complete MTC 223.			
★ Complete MUP 209 OR MUP 210.			
Term hours subtotal:	15		

Term 7 92 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MUP 327: Studio Instruction	4	C	<ul style="list-style-type: none"> <li>• MUP 451 Piano Lit I is offered in odd-numbered fall semesters.</li> <li>• MUP 481 Piano: Beginner is offered in even-numbered fall semesters.</li> <li>• Course offered in fall semester only: MUP 487.</li> </ul>
MUP 451: Piano Lit I OR MUP 481: Piano: Beginner	2	C	
MUP 487: Collaborative Piano	1	C	
MHL course (L) Upper Division	3	C	
MDC OR MHL OR MTC OR MUE OR MUP OR MSC Elective ( MSC 115 OR MSC 212 OR MUP 451 OR MUP 484 OR MUP 438 recommended)	3	C	
Term hours subtotal:	13		

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MUP 327: Studio Instruction	4	C	<ul style="list-style-type: none"> <li>• MUP 451 Piano Chamber Music (odd spring semesters) and/or MUP 482 Intermediate (odd spring semesters) are recommended for the upper division music elective.</li> <li>• MUP 451 Piano Lit II is offered in even spring semesters.</li> <li>• Prepare, publicize, and present a public performance.</li> </ul>
★ MUP 496: Performance	0	Y	
MUP 451: Piano Lit II OR MDC OR MHL OR MTC OR MUE OR MUP OR MSC Upper Division Elective	2	C	
MHL Upper Division Elective	3	C	
MDC OR MHL OR MTC OR MUE OR MUP OR MSC Upper Division Elective ( MUP 451 OR MUP 484 OR MUP 438 recommended)	3	C	
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	15		

Hide Course List(s)/Track Group(s)

Upper Division MHL (HU) Through Present Time Courses	Jazz, Ethno, World Music, or Popular Music Ensemble	Choral Ensemble
MHL 342: Music History II (HU)	MUP 441: Popular Music Ensemble	MUP 443: Choral Ensembles
MHL 344: Music in World Cultures (HU & G)	MUP 458: ASU Gospel Choir	MUP 450: Choral Union
MHL 365: Popular Music and Race (L or HU) & C)	MUP 485: Steel Band	MUP 455: Arizona Statesmen
MHL 394: Music in the Middle East	MUP 486: Jazz Band	MUP 457: Sol Singers
MHL 440: Topics in 20th-Century Music (L or HU)	MUP 489: Ethnomusicology Ensembles	MUP 458: ASU Gospel Choir
MHL 441: Concerts in the 20th Century (HU)		MUP 459: Barrett Choir
MHL 445: Music of the Silk Road (HU & G)		
MHL 447: Music and Healing (HU & H & G)		
MHL 494: Music and Film		
MHL 494: Recycled Music: Medieval to Modern		
Small Ensemble	Large Instrumental Ensemble	
MUP 460: The Visiting Quartet Residency Program	MUP 442: Instrumental Ensembles	
MUP 476: New Music Ensemble	MUP 476: New Music Ensemble	
MUP 479: Chamber Music Ensembles	MUP 485: Percussion Ensemble	

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
  - Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.








## 2023 - 2024 Major Map





### Performance (Music Theatre), **BMUS**

School/College: Herberger Institute for Design and the Arts

Location: Tempe

FAMUSPMBM

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 Milestone: Music students must successfully complete an <b>entrance audition</b> into the major before enrolling at ASU.			<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. All first-year music majors take MUP 101: The ASU School of Music Experience to satisfy the First Year Seminar requirement.</li> <li>Completion of Piano Diagnostic Exam determines placement into Class Piano courses.</li> <li>Applicability of transfer credit for studio instruction is determined based on successful completion of audition and review of transcripts.</li> <li>Music Theatre I - VIII must be taken in sequence in the semesters indicated.</li> <li>MUP 467 must be taken twice in sequence (part 1 in fall and part 2 in spring). Students entering the major in the spring semester who have not taken MUP 467 first in the fall semester should wait until the next fall semester to enroll.</li> <li>Courses offered in fall semester only: MTC 125, MUP 101, MUP 131, MUP 170.</li> <li>Complete a <b>resume</b> in MUP 101.</li> </ul>
 Milestone: Music students must successfully complete the <b>music theory diagnostic exam</b> before enrolling in School of Music, Dance and Theatre courses.			
 MUP 101: The ASU School of Music Experience	1	C	
 MUP 111: Studio Instruction	2	C	
 MUP 170: Music Theatre I	2	C	
 MUP 467: Music Theatre Dance Technique	1	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MTC 125: Basic Music Theory	3	C	
MUP 131: Class Piano	1	C	
Mathematics (MA)	3		
Term hours subtotal:	16		

Term 2 16 - 31 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MUP 111: Studio Instruction	2	C	<ul style="list-style-type: none"> <li>Applicability of transfer credit for studio instruction is determined based on successful completion of audition and review of transcripts.</li> <li>MUP 467 must be taken twice in sequence (part 1 in fall and part 2 in spring). Students entering the major in the spring semester who have not taken MUP 467 first in the fall semester should wait until the next fall semester to enroll.</li> <li>Courses offered in spring semester only: MTC 221, MUP 132, MUP 172.</li> </ul>
 MUP 172: Music Theatre II	2	C	
 MUP 467: Music Theatre Dance Technique	1	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MHL 140: Sounds and Cultures (HU & G)	3	C	
MTC 221: Music Theory: 18th Century	3	C	
MUP 132: Class Piano	1	C	

❖ Complete ENG 101 OR ENG 105 OR ENG 107 course(s).

Term hours subtotal: 15

Term 3 31 - 45 Credit Hours Critical course signified by ❖	Hours	Minimum Grade	Notes
❖ MUP 111: Studio Instruction	2	C	<ul style="list-style-type: none"> <li>• Familiarize yourself with information about musicians' health.</li> <li>• Applicability of transfer credit for studio instruction is determined based on successful completion of audition and review of transcripts.</li> <li>• DCE electives must be movement classes. For course recommendations, please consult DCE Movement Electives list below.</li> <li>• Due to sequence of Music Theory courses, failure to successfully complete MTC 125 by end of Term 3 will negatively impact ability to complete degree in four years.</li> <li>• Courses offered in fall semester only: MTC 222, MUP 231, MUP 270.</li> <li>• Talk to your studio instructor about ways to enhance your performance skills, and about appropriate ensemble and performance experiences.</li> </ul>
❖ MUP 270: Music Theatre III	2	C	
❖ MUP 374: Technical Production I (Foundations)	1	C	
❖ DCE Movement Elective	2	C	
MTC 222: Music Theory: 19th Century	3	C	
MUP 231: Class Piano	1	C	
Literacy and Critical Inquiry (L)	3		
❖ Complete First-Year Composition requirement.			
❖ Complete Mathematics (MA) requirement.			
Term hours subtotal:	14		

Term 4 45 - 59 Credit Hours Critical course signified by ❖	Hours	Minimum Grade	Notes
❖ MUP 111: Studio Instruction	2	C	<ul style="list-style-type: none"> <li>• Applicability of transfer credit for studio instruction is determined based on successful completion of audition and review of transcripts.</li> <li>• DCE electives must be movement classes. For course recommendations, please consult DCE Movement Electives list below.</li> <li>• Courses offered in spring semester only: MTC 223, MUP 272.</li> </ul>
❖ MUP 272: Music Theatre IV	2	C	
❖ MUP 374: Technical Production II (Practicum)	1	C	
❖ DCE Movement Elective	2	C	
MTC 223: Music Theory: 20th Century	3	C	
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	14		

Term 5 59 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MUP 311: Studio Instruction	2	C	<ul style="list-style-type: none"> <li>• Students enrolled in MUP 373 must audition for all productions, adhere to departmental audition policies, and may be assigned to assist on technical aspects of music theatre and opera productions.</li> <li>• DCE electives must be movement classes. For course recommendations, please consult DCE Movement Electives list below.</li> <li>• Courses offered in fall semester only: MUP 360, MUP 370, MUP 471.</li> </ul>
★ MUP 370: Music Theatre V	2	C	
★ MUP 373: Music Theatre Performance and Production	1	C	
★ Upper Division MHL Through Present Time Course AND Upper Division Humanities, Arts and Design (HU)	3	C	
MUP 360: Musicianship for Singers	1	C	
MUP 471: Audition Training (Musical Theatre)	1	C	
DCE Movement Elective	2	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	16		

Term 6 75 - 89 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MUP 311: Studio Instruction	2	C	<ul style="list-style-type: none"> <li>• Students enrolled in MUP 373 must audition for all productions, adhere to departmental</li> </ul>
★ MUP 373: Music Theatre Performance and Production	1	C	

★ MUP 465: Music Theatre VI	2	C
★ Upper Division MHL Course AND Upper Division Humanities, Arts and Design (HU)	3	C
MUP 451: Music Theatre Repertoire	2	C
DCE Movement Elective	1-2	C
Computer/Statistics/Quantitative Applications (CS) ( MHL 201 recommended)	3	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
Term hours subtotal:	14-15	

- audition policies, and may be assigned to assist on technical aspects of music theatre and opera productions.
- DCE electives must be movement classes. For course recommendations, please consult DCE Movement Electives list below.
- Courses offered in spring semester only: MUP 451: Music Theatre Repertoire, MUP 465.
- Certain studios may require an additional semester of repertoire; please check with your studio professor.
- Gather a list of **professional references**.

Term 7 89 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MUP 311: Studio Instruction	2	C	<ul style="list-style-type: none"> <li>Students enrolled in MUP 373 must audition for all productions, adhere to departmental audition policies, and may be assigned to assist on technical aspects of music theatre and opera productions.</li> <li>MUP 466 must be taken twice in sequence (part 1 in fall and part 2 in spring). This course should be taken after DCE electives have been fulfilled.</li> <li>Courses offered in fall semester only: MUP 470.</li> <li>Prepare, publicize, and present a public performance.</li> </ul>
★ MUP 373: Music Theatre Performance and Production	1	C	
★ MUP 470: Music Theatre VII	2	C	
MUP 466: Broadway Dance	2	C	
DCE 484: Internship OR MUP 484: Internship OR THP 484: Internship OR DCE OR MUP OR THF OR THP Upper Division Elective	3	C	
MDC OR MHL OR MSC OR MTC OR MUE OR MUP OR THF OR THP Upper Division Elective	3	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	16		

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MUP 311: Studio Instruction	2	C	<ul style="list-style-type: none"> <li>Students enrolled in MUP 373 must audition for all productions, adhere to departmental audition policies, and may be assigned to assist on technical aspects of music theatre and opera productions.</li> <li>MUP 466 must be taken twice in sequence (part 1 in fall and part 2 in spring). This course should be taken after DCE electives have been fulfilled.</li> <li>Courses offered in spring semester only: MUP 472.</li> </ul>
★ MUP 373: Music Theatre Performance and Production	1	C	
★ MUP 472: Music Theatre VIII	2	C	
MUP 466: Broadway Dance	2	C	
DCE OR MUP OR THF OR THP Upper Division Elective	2	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3		
Term hours subtotal:	15		

Hide Course List(s)/Track Group(s)

DCE Movement Electives	Upper Division MHL (HU) Through Present Time Courses	Upper Division MHL (HU) Courses
DCE 110: Argentine Tango I	MHL 342: Music History II (HU)	MHL 341: Music History I (HU)
DCE 120: Nonmajors Contemporary Modern I	MHL 344: Music in World Cultures (HU & G)	MHL 342: Music History II (HU)
DCE 121: Ballet I		MHL 344: Music in World Cultures (HU & G)
DCE 122: Jazz I		

DCE 123: Nonmajors Hip Hop I	MHL 365: Popular Music and Race ((L or HU) & C)	MHL 365: Popular Music and Race ((L or HU) & C)
DCE 124: Latin/Swing/Ballroom I		
DCE 125: Afro-Latin Salsa I	MHL 394: Music in the Middle East	MHL 394: Music in the Middle East
DCE 126: Country-Western	MHL 440: Topics in 20th-Century Music (L or HU)	MHL 440: Topics in 20th-Century Music (L or HU)
DCE 133: Hip Hop I	MHL 441: Concerts in the 20th Century (HU)	MHL 441: Concerts in the 20th Century (HU)
DCE 134: Contemporary Modern I	MHL 445: Music of the Silk Road (HU & G)	MHL 445: Music of the Silk Road (HU & G)
DCE 135: Contemporary Ballet I	MHL 447: Music and Healing (HU & H & G)	MHL 447: Music and Healing (HU & H & G)
DCE 136: Introduction to Somatic Movement	MHL 494: Music and Film	MHL 494: Music and Film
DCE 139: Afro-Latin I	MHL 494: Recycled Music: Medieval to Modern	MHL 494: Recycled Music: Medieval to Modern
DCE 194: Tap		
DCE 210: Argentine Tango II		
DCE 220: Nonmajors Contemporary Modern II		
DCE 221: Ballet II		
DCE 224: Latin/Swing/Ballroom II		
DCE 225: Afro-Latin/Salsa II		
DCE 239: Afro-Latin II		
DCE 294: Jazz Practices		
DCE 324: Latin/Swing/Ballroom III		
DCE 339: Afro-Latin III		
DCE 394: Jazz III		
DCE 494: Latin/Salsa IV		
MUP 494: Music Theatre Dance: Tap I		
MUP 494: Music Theatre Dance: Tap II		

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)



**Total Community College Hrs:** 64 maximum

- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.







## 2023 - 2024 Major Map





### Performance (Orchestral Instrument), **BMUS**




School/College: [Herberger Institute for Design and the Arts](#)

Location: [Tempe](#)

FAMUSPOBM

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 Milestone: Music students must successfully complete an <b>entrance audition</b> into the major before enrolling at ASU.			<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. All first-year students take MUP 101: The ASU School of Music Experience to satisfy the First Year Seminar requirement.</li> <li>Completion of <b>Piano Diagnostic Exam</b> determines placement into Class Piano courses.</li> <li>Applicability of transfer credit for ensemble and studio instruction is determined based on successful completion of audition and review of transcripts.</li> <li>Courses offered in fall semester only: MTC 125, MUP 101, MUP 131.</li> <li>Complete a <b>resume</b> in MUP 101.</li> </ul>
 Milestone: Music students must successfully complete the <b>music theory diagnostic exam</b> before enrolling in School of Music, Dance and Theatre courses.			
 MUP 101: The ASU School of Music Experience	1	C	
 MUP 127: Studio Instruction	4	C	
 MUP 442: Instrumental Ensembles	1	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MTC 125: Basic Music Theory	3	C	
MUP 131: Class Piano	1	C	
Mathematics (MA)	3		
Term hours subtotal:	16		

Term 2 16 - 31 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MUP 127: Studio Instruction	4	C	<ul style="list-style-type: none"> <li>Applicability of transfer credit for ensemble and studio instruction is determined based on successful completion of audition and review of transcripts.</li> <li>For chamber music ensemble requirements, in addition to MUP 479, MUP 485 and MUP 489 are acceptable for percussion majors.</li> <li>Courses offered in spring semester only: MTC 221, MUP 132.</li> <li>Familiarize yourself with information about <b>musicians' health</b>.</li> </ul>
 MUP 442: Instrumental Ensembles	1	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MHL 140: Sounds and Cultures (HU & G)	3	C	
MTC 221: Music Theory: 18th Century	3	C	
MUP 132: Class Piano	1	C	
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		

Term 3 31 - 47 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MUP 127: Studio Instruction	4	C	
 MUP 442: Instrumental Ensembles	1	C	

MTC 222: Music Theory: 19th Century	3	C
MUP 231: Class Piano	1	C
Natural Science - Quantitative (SQ)	4	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3	
♦ Complete Mathematics (MA) requirement.		
♦ Complete MTC 125 AND MUP 131 course(s).		
Complete First-Year Composition requirement.		
Term hours subtotal:	16	

- Applicability of transfer credit for ensemble and studio instruction is determined based on successful completion of audition and review of transcripts.
- Due to sequence of Music Theory courses, failure to successfully complete MTC 125 by Term 3 will negatively impact ability to complete degree in four years.
- For chamber music ensemble requirements, in addition to MUP 479, MUP 485 and MUP 489 are acceptable for percussion majors.
- Courses offered in fall semester only: MTC 222, MUP 231.
- Talk to your studio instructor about ways to enhance your performance skills, and about appropriate ensemble and performance experiences.

Term 4 47 - 63 Credit Hours Critical course signified by ♦	Hours	Minimum Grade	Notes
♦ MUP 127: Studio Instruction	4	C	<ul style="list-style-type: none"> <li>• For chamber music ensemble requirements, in addition to MUP 479, MUP 485 and MUP 489 are acceptable for percussion majors.</li> <li>• Applicability of transfer credit for ensemble and studio instruction is determined based on successful completion of audition and review of transcripts.</li> <li>• Courses offered in spring semester only: MTC 223, MUP 232.</li> </ul>
♦ MUP 442: Instrumental Ensembles	1	C	
MTC 223: Music Theory: 20th Century	3	C	
MUP 232: Class Piano	1	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3		
♦ Complete MTC 221 AND MUP 132 course(s).			
Term hours subtotal:	16		

Term 5 63 - 79 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MUP 327: Studio Instruction	4	C	<ul style="list-style-type: none"> <li>• For chamber music ensemble requirements, in addition to MUP 479, MUP 485 and MUP 489 are acceptable for percussion majors. MUP 460 is acceptable for string and wind majors.</li> <li>• MUP 451 and MUP 481 are taught in different semesters depending on the instrument; please consult with studio instructor for the schedule.</li> <li>• Course offered in fall semester only: MUP 210.</li> </ul>
MUP 210: Beginning Instrumental Conducting	1	C	
MUP 442: Instrumental Ensembles	1	C	
MUP 479: Chamber Music Ensembles	1	C	
Upper Division MHL Through Present Time Course AND Upper Division Humanities, Arts and Design (HU)	3	C	
MHL OR MTC OR MUP OR MUE OR MDC OR MSC Elective	3	C	
Computer/Statistics/Quantitative Applications (CS) ( MHL 201 recommended)	3		
★ Complete MTC 222 AND MUP 231 course(s).			
Term hours subtotal:	16		

Term 6 79 - 93 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MUP 327: Studio Instruction	4	C	<ul style="list-style-type: none"> <li>• For chamber music ensemble requirements, MUP 460 is acceptable for string and wind majors.</li> <li>• MUP 451 and MUP 481 are taught in different semesters depending on the instrument; please consult with studio instructor for the schedule.</li> </ul>
★ MUP 495: Performance	0	Y	
MUP 442: Instrumental Ensembles	1	C	
MUP 479: Chamber Music Ensembles	1	C	
Upper Division MHL Course AND Upper Division Humanities, Arts and Design (HU)	3	C	

MHL OR MTC OR MUE OR MUP OR MDC OR MSC Upper Division Elective	2	C
Literacy and Critical Inquiry (L)	3	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
★ Complete MTC 223 AND MUP 232 course(s).		
Term hours subtotal:	14	

- Gather a list of **professional references**.

Term 7 93 - 107 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MUP 327: Studio Instruction	4	C	<ul style="list-style-type: none"> <li>• For chamber music ensemble requirements, MUP 460 is acceptable for string and wind majors.</li> <li>• MUP 451 and MUP 481 are taught in different semesters depending on the instrument; please consult with studio instructor for the schedule.</li> <li>• Certain studios may require an additional semester of repertoire; please check with your studio professor.</li> <li>• Prepare, publicize, and present a public performance.</li> </ul>
MUP 442: Instrumental Ensembles	1	C	
MUP 451: Repertoire	2	C	
MUP 479: Chamber Music Ensembles	1	C	
MHL course (L) Upper Division	3	C	
Elective OR MDC 484: Internship OR MHL 484: Internship OR MSC 484: Internship OR MTC 484: Internship OR MUE 484: Internship OR MUP 484: Internship	3		
Term hours subtotal:	14		

Term 8 107 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MUP 327: Studio Instruction	4	C	<ul style="list-style-type: none"> <li>• For chamber music ensemble requirements, MUP 460 is acceptable for string and wind majors.</li> <li>• MUP 451 and MUP 481 are taught in different semesters depending on the instrument; please consult with studio instructor for the schedule.</li> </ul>
★ MUP 496: Performance	0	Y	
MUP 442: Instrumental Ensembles	1	C	
MUP 479: Chamber Music Ensembles	1	C	
MUP 481: Performance Pedagogy and Materials	2	C	
MHL OR MTC OR MUE OR MUP OR MDC OR MSC Upper Division Elective	3	C	
Elective	2		
Term hours subtotal:	13		

Hide Course List(s)/Track Group(s)

Upper Division MHL (HU) Through Present Time Courses	Upper Division MHL (HU) Courses
MHL 342: Music History II (HU)	MHL 341: Music History I (HU)
MHL 344: Music in World Cultures (HU & G)	MHL 342: Music History II (HU)
MHL 365: Popular Music and Race ((L or HU) & C)	MHL 344: Music in World Cultures (HU & G)
MHL 394: Music in the Middle East	MHL 365: Popular Music and Race ((L or HU) & C)
MHL 440: Topics in 20th-Century Music (L or HU)	MHL 394: Music in the Middle East
MHL 441: Concerts in the 20th Century (HU)	MHL 440: Topics in 20th-Century Music (L or HU)
	MHL 441: Concerts in the 20th Century (HU)

MHL 445: Music of the Silk Road (HU & G)	MHL 445: Music of the Silk Road (HU & G)
MHL 447: Music and Healing (HU & H & G)	MHL 447: Music and Healing (HU & H & G)
MHL 494: Music and Film	MHL 494: Music and Film
MHL 494: Recycled Music: Medieval to Modern	MHL 494: Recycled Music: Medieval to Modern

**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.







## 2023 - 2024 Major Map





### Performance (Voice), **BMUS**







School/College: [Herberger Institute for Design and the Arts](#)






Location: [Tempe](#)



FAMUSPVBM

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 Milestone: Music students must successfully complete an <b>entrance audition</b> into the major before enrolling at ASU.			<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. All first-year students take MUP 101: The ASU School of Music Experience to satisfy the First-Year Seminar requirement.</li> <li>Completion of Piano Diagnostic Exam determines placement into Class Piano course.</li> <li>Students starting in odd-numbered fall semester follow this MUP 250 Diction sequence starting in Term 1: Italian, German, French.</li> <li>Students starting in even-numbered fall semester follow this MUP 250 Diction sequence starting in Term 3: Italian, German, French.</li> <li>One year of high school language in Italian, French, or German recommended.</li> <li>Courses offered in fall semester only: MTC 125, MUP 101, MUP 131, MUP 170.</li> <li>Complete a <b>resume</b> in MUP 101.</li> </ul>
 Milestone: Music students must successfully complete the <b>music theory diagnostic exam</b> before enrolling in School of Music, Dance and Theatre courses.			
 MUP 101: The ASU School of Music Experience	1	C	
 MUP 111: Voice	2	C	
 MUP 443: Choral Ensembles	1	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MTC 125: Basic Music Theory	3	C	
MUP 131: Class Piano	1	C	
MUP 170: Music Theatre I	2	C	
Mathematics (MA)	3		
Term hours subtotal:	16		

Term 2 16 - 31 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MUP 111: Voice	2	C	<ul style="list-style-type: none"> <li>Applicability of transfer credit for ensemble and studio instruction is determined based on successful completion of audition and review of transcripts.</li> <li>Courses offered in spring semester only: MTC 221, MUP 132, MUP 172.</li> <li>Familiarize yourself with information about <b>musicians' health</b>.</li> </ul>
 MUP 443: Choral Ensembles	1	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MHL 140: Sounds and Cultures (HU & G)	3	C	
MTC 221: Music Theory: 18th Century	3	C	
MUP 132: Class Piano	1	C	
MUP 172: Music Theatre II	2	C	
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		

Term 3 31 - 46 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 FRE 101: Elementary French I (G) OR GER 101: Elementary German I (G) OR ITA 101: Elementary Italian I (G)	4	C	<ul style="list-style-type: none"> <li>• Applicability of transfer credit for ensemble and studio instruction is determined based on successful completion of audition and review of transcripts.</li> <li>• All students must complete FRE 101, GER 101, &amp; ITA 101. One semester may be waived with review of high school transcript -- see advisor.</li> <li>• MUP 250 sequence: Italian is offered in odd-numbered fall semesters, German is offered in even-numbered spring semesters, and French is offered in even-numbered fall semesters.</li> <li>• Students who start in an even-numbered fall semester will follow this MUP 250 Diction sequence starting in Term 3: Italian, German, French.</li> <li>• Students who start in an odd-numbered fall semester will follow this MUP 250 Diction sequence starting in Term 5: Italian, German, French.</li> <li>• Failure to complete MTC 125 by the end of term 3 will impact ability to complete degree in 4 years.</li> <li>• Courses offered in fall semester only: MTC 222, MUP 231.</li> </ul>
 MUP 111: Voice	2	C	
 MUP 443: Choral Ensembles	1	C	
MTC 222: Music Theory: 19th Century	3	C	
MUP 231: Class Piano	1	C	
MUP 250: Diction for Singers	1	C	
Computer/Statistics/Quantitative Applications (CS) (MHL 201 recommended)	3		
 Complete Mathematics (MA) requirement.			
 Complete MTC 125 AND MUP 131.			
Complete First-Year Composition requirement.			
Term hours subtotal:	15		

Term 4 46 - 63 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes	
 FRE 101: Elementary French I (G) OR GER 101: Elementary German I (G) OR ITA 101: Elementary Italian I (G)	4	C	<ul style="list-style-type: none"> <li>• Applicability of transfer credit for ensemble and studio instruction is determined based on successful completion of audition and review of transcripts.</li> <li>• All students must complete FRE 101, GER 101, &amp; ITA 101. One semester may be waived with review of high school transcript -- see advisor.</li> <li>• Complete required Second Language 101 courses by the end of Term 6.</li> <li>• MUP 250 sequence: Italian is offered in odd-numbered fall semesters, German is offered in even-numbered spring semesters, and French is offered in even-numbered fall semesters.</li> <li>• Courses offered in spring semester only: MTC 223, MUP 232.</li> <li>• Talk to your studio instructor about ways to enhance your performance skills.</li> <li>• Participate in at least two large ensemble performances and perform in studio class.</li> </ul>	
 MUP 127: Studio Instruction	4	C		
 MUP 443: Choral Ensembles	1	C		
MTC 223: Music Theory: 20th Century	3	C		
MUP 232: Class Piano	1	C		
MUP 250: Diction for Singers	1	C		
Literacy and Critical Inquiry (L)	3			
 Complete MTC 221 AND MUP 132.				
Term hours subtotal:	17			

Term 5 63 - 79 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 MUP 327: Studio Instruction	4	C	<ul style="list-style-type: none"> <li>• All students must complete FRE 101, GER 101, &amp; ITA 101. One semester may be</li> </ul>

★ Upper Division MHL - Cross-Historical AND Upper Division Humanities, Arts and Design (HU)	3	C
FRE 101: Elementary French I (G) OR GER 101: Elementary German I (G) OR ITA 101: Elementary Italian I (G)	4	C
MUP 250: Diction for Singers	1	C
MUP 360: Musicianship for Singers	1	C
MUP 443: Choral Ensembles	1	C
MUP 481: Performance Pedagogy and Materials OR MUP 451: Opera Repertoire	2	C
★ Complete MTC 222 AND MUP 231.		
Term hours subtotal:	16	

waived with review of high school transcript -- see advisor.

- MUP 250 sequence: Italian is offered in odd-numbered fall semesters, German is offered in even-numbered spring semesters, and French is offered in even-numbered fall semesters.
- Students starting in an even-numbered fall semester will follow this MUP 250 Diction sequence starting in Term 3: Italian, German, French.
- Students starting in an odd-numbered fall semester will follow this MUP 250 Diction sequence starting in Term 5: Italian, German, French.
- Students must complete six hours total of Pedagogy and Repertoire courses. MUP 451, MUP 453, and MUP 481 are required.
- Course offered in fall semester only: MUP 451.
- Courses offered in even-numbered fall semesters: MUP 481.

Term 6 79 - 93 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MUP 327: Studio Instruction	4	C	<ul style="list-style-type: none"> <li>• Courses offered in odd-numbered spring semesters: MUP 453.</li> <li>• Gather a list of <b>professional references</b>.</li> </ul>
★ MUP 495: Performance	0	Y	
★ Upper Division MHL Course AND Upper Division Humanities, Arts and Design (HU)	3	C	
MUP 443: Choral Ensembles	1	C	
MUP 453: Art Song Repertoire	2	C	
Natural Science - Quantitative (SQ)	4		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
★ Complete MTC 223 AND MUP 232.			
★ Complete Second Language 101.			
Term hours subtotal:	14		

Term 7 93 - 107 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MUP 327: Studio Instruction	4	C	<ul style="list-style-type: none"> <li>• MHL 440 will fulfill the Upper Division MHL and Literacy requirement and is offered in fall only.</li> <li>• Courses offered in fall semester only: MUP 451.</li> <li>• Courses offered in even-numbered fall semesters: MUP 481.</li> </ul>
MUP 443: Choral Ensembles OR MUP 458: ASU Gospel Choir	1	C	
MUP 481: Performance Pedagogy and Materials OR MUP 451: Opera Repertoire	2	C	
MHL course (L) Upper Division	3	C	
MUP Upper Division Elective ( MUP 471 recommended)	1	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
★ Complete MUP 451 AND MUP 481 course(s).			
Term hours subtotal:	14		

Term 8 107 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ MUP 327: Studio Instruction	4	C
★ MUP 496: Performance	0	Y
MUP 443: Choral Ensembles OR MUP 458: ASU Gospel Choir	1	C
MUP 471: Opera Scenes	1	C
Upper Division Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4	
Term hours subtotal:	13	

- Prepare, publicize, and present a public performance.
- Apply for **full-time career opportunities**.

Hide Course List(s)/Track Group(s)

Upper Division MHL (HU) Courses	Upper Division MHL - Cross-Historical Courses
MHL 341: Music History I (HU)	MHL 342: Music History II (HU)
MHL 342: Music History II (HU)	MHL 447: Music and Healing (HU & H & G)
MHL 344: Music in World Cultures (HU & G)	MHL 494: Recycled Music: Medieval to Modern
MHL 365: Popular Music and Race ((L or HU) & C)	
MHL 394: Music in the Middle East	
MHL 440: Topics in 20th-Century Music (L or HU)	
MHL 441: Concerts in the 20th Century (HU)	
MHL 445: Music of the Silk Road (HU & G)	
MHL 447: Music and Healing (HU & H & G)	
MHL 494: Music and Film	
MHL 494: Recycled Music: Medieval to Modern	

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for Academic Recognition:** 56 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)

**Total Community College Hrs:** 64 maximum

- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.











## 2023 - 2024 Major Map

### Performance and Movement - Dance and Theatre, BA

School/College: Herberger Institute for Design and the Arts

Location: Tempe

HIPERMVBA

Term 1 0 - 14 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 DCE 160: Creative Practices I	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. DCE 170 fulfills this requirement.</li> </ul>
 DCE 170: First-Year Seminar I	1-2	C	
 Physical Practice Course	2-3	C	
DCE 136: Introduction to Somatic Movement	2	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Mathematics (MA)	3		
Term hours subtotal:	14-16		
Term 2 14 - 29 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 THF 126: Professional Development: Communication and Collaboration	2	C	<ul style="list-style-type: none"> <li>Students are expected to reach the advanced level (300 level) of at least one of the Physical Practice courses. Plan your Physical Practices courses to be able to do that in Term 6.</li> <li>Join an <b>organization</b> and/or participate in an off-campus performance project.</li> </ul>
 Physical Practice Course	2-3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
THF 160: Introduction to Storytelling (HU)	3	C	
Computer/Statistics/Quantitative Applications (CS) ( DCE 240 OR FMP 255 recommended)	3		
Elective	2		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15-16		
Term 3 29 - 44 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 Physical Practice Course	2-3	C	
DCE 201: Dance, Culture, and Global Contexts (HU) OR DCE 202: Dance in U.S. Popular Culture (HU & C) OR THF 220: Principles of Dramatic Analysis (L or HU)	3	C	
Creative Practice Course	3-4	C	
Natural Science - Quantitative (SQ)	4		
Elective	3		

❖ Complete Mathematics (MA) requirement.

Complete First-Year Composition requirement.

Term hours subtotal: 15-17

Term 4 44 - 59 Credit Hours Critical course signified by ❖	Hours	Minimum Grade	Notes
❖ Physical Practice Course	2-3	C	• Develop your skills.
DCE OR THE OR THF OR THP Elective	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Elective	3		
Term hours subtotal:	15-16		

Term 5 59 - 74 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Community Engagement and Education Course	3	C	• Students are expected to reach the advanced level of one of the Physical Practices next term.
Upper Division Production and Technical Course	1-3	C	
DCE Upper Division Elective OR FMP Upper Division Elective OR THE Upper Division Elective OR THF Upper Division Elective OR THP Upper Division Elective	3	C	
Literacy and Critical Inquiry (L)	3		
Upper Division Elective	3		
Elective	2		
Term hours subtotal:	15-17		

Term 6 74 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ THF 397: Professional Development Seminar	1	C	• Prepare for your optional internship next semester. • Internships are strongly encouraged.
Upper Division History and Context	3	C	
Upper Division Physical Practice Course	3	C	
Historical Awareness (H)	3		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Upper Division Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	16		

Term 7 90 - 104 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
DCE 484: Internship OR FMP 484: Internship OR THP 484: Internship OR FMP Upper Division Elective OR THE Upper Division Elective OR THF Upper Division Elective OR THP Upper Division Elective OR DCE Upper Division Elective	3	C	• If students intend to take DCE 461 as their capstone course in Term 8, then DCE 460 (Upper Division Creative Practice) is required in Term 7; DCE 460 is offered in fall only. • Internships are strongly encouraged.
★ Upper Division Creative Practice	2-3	C	
DCE Upper Division Elective OR FMP Upper Division Elective OR THE Upper Division Elective OR THF Upper Division Elective OR THP Upper Division Elective	3	C	
Upper Division Literacy and Critical Inquiry (L) ( DCE 405 OR THE 440 recommended)	3		

Elective

3

Term hours subtotal: 14-15

Term 8 104 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ DCE 461: Transitions II OR THF 497: Senior Project OR THP 428: Theatre Capstone/Senior Project	2-3	C	• DCE 461 is offered in spring only.
DCE Upper Division Elective OR FMP Upper Division Elective OR THE Upper Division Elective OR THF Upper Division Elective OR THP Upper Division Elective	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Complete 2 courses: Upper Division Elective	6		
Elective	2		
Term hours subtotal:		16-17	

Hide Course List(s)/Track Group(s)

Physical Practice Courses	Upper Division Physical Practice Courses	Upper Division Production and Technical Courses
DCE 111: Belly Dance I	DCE 324: Latin/Swing/Ballroom III	DCE 438: Dance Theatre Performance/Production
DCE 120: Nonmajors Contemporary Modern I	DCE 333: Hip Hop III	MUP 373: Music Theatre Performance and Production
DCE 121: Ballet I	DCE 334: Contemporary Modern III	MUP 374: Music Theatre Technical Production
DCE 122: Jazz I	DCE 335: Contemporary Ballet III	THP 301: Production
DCE 123: Nonmajors Hip Hop I	DCE 336: Somatic Movement Development and Facilitation	THP 317: Stage Management
DCE 124: Latin/Swing/Ballroom I	DCE 339: Afro-Latin III	THP 331: Costume Construction
DCE 125: Afro-Latin Salsa I	IAP 331: Performance, Acting, and the Individual	THP 332: Makeup
DCE 126: Country-Western	MUP 370: Music Theatre V	THP 335: Stagecraft
DCE 133: Hip Hop I	MUP 465: Music Theatre VI	THP 345: Lighting Design
DCE 134: Contemporary Modern I	MUP 466: Broadway Dance	THP 350: Sound Design
DCE 135: Contemporary Ballet I	MUP 470: Music Theatre VII	THP 355: Media Design for Performance
DCE 136: Introduction to Somatic Movement	MUP 471: Music Theatre: Workshops	THP 401: Theatre Practicum
DCE 139: Afro-Latin I	MUP 472: Music Theatre VIII	THP 435: Technical Direction
DCE 220: Nonmajors Contemporary Modern II	THP 301: Acting Mainstage	THP 442: Rendering for Design and Production
DCE 221: Ballet II	THP 302: Acting V	THP 448: AutoCAD for Live Entertainment
DCE 222: Jazz II	THP 307: Acting: Ten-Minute Plays	THP 449: AutoCAD 3D for Live Entertainment
DCE 223: Nonmajors Hip Hop II	THP 372: Movement II	THP 451: Student Production Board II
DCE 224: Latin/Swing/Ballroom II	THP 377: Voice and Speech II	
DCE 225: Afro-Latin/Salsa II	THP 387: Acting VI	
DCE 233: Hip Hop II		

DCE 234: Contemporary Modern II	THP 420: Acting: Solo and Collaborative Performance	
DCE 236: Somatic Movement Applications: A Closer Look	THP 482: Theatre for Social Change (C)	
DCE 238: Hip Hop Ensemble	THP 483: Acting: Viewpoints and Composition	
DCE 239: Afro-Latin II	THP 489: Acting: Audition Techniques and Career Development	
MUP 170: Music Theatre I		
MUP 172: Music Theatre II		
MUP 270: Music Theatre III		
MUP 272: Music Theatre IV		
MUS 146: Singing for Nonmajors I		
THF 101: Acting Introduction		
THP 102: Acting I		
THP 202: Acting II: Scene Study		
THP 272: Movement I		
THP 277: Voice and Speech I		
<b>Creative Practice Courses</b>	<b>Upper Division Creative Practices</b>	<b>Upper Division Community Engagement and Education Courses</b>
ART 116: Introduction to Digital Media	ART 443: Performance Art: Actions, Gestures, Journeys	ART 442: Art and Community
ART 216: Contemporary Art in Practice: Methods, Making, Meaning	DCE 360: Creative Practices V	DCE 350: Dance in the Classroom: Learning Through Movement (HU)
DCE 161: Creative Practices II	DCE 361: Creative Practices VI	DCE 354: Creative Approaches to Teaching Dance I
DCE 240: Media for Dance (CS)	DCE 460: Transitions I	DCE 356: Creative Approaches to Teaching Dance II
DCE 260: Creative Practices III	DCE 461: Transitions II	FMP 417: Business and Legal Practices in Entertainment
DCE 261: Creative Practices IV	IAP 331: Performance, Acting, and the Individual	HDA 310: Socially Engaged Practice
DCE 262: Rhythmic Theory for Dance I	IAP 333: Directing for Performance	HDA 311: Work and Careers in the Cultural and Creative Industries
FMP 201: Film: The Creative Process I (HU)	IAP 334: Conceptual Development in the Arts	HDA 420: Design and the Arts Business Administration
FMP 255: Media Authorship (CS)	THP 318: Directing II: Intermediate Directing	THE 325: Play Reading for Educational Theatre
FMP 261: Principles of Screenwriting	THP 330: Costume Design	THE 480: Methods of Teaching Theatre
FMP 280: Introduction to Film and Media Production	THP 332: Makeup	THP 311: Drama and Education: Performance Methods for Teaching (L)
HDA 210: Creativity and Innovation in Design and the Arts	THP 345: Lighting Design	THP 351: Arts Management
MTC 125: Basic Music Theory	THP 350: Sound Design	THP 411: Methods of Teaching Drama
MUS 100: Fundamentals of Music Notation	THP 355: Media Design for Performance	THP 450: Theatre Organization and Management
MUS 145: Nonmajors Class Piano: Beginner	THP 360: Intermediate Playwriting	
THF 215: Design and Composition for Theatre and Film (HU)	THP 420: Acting: Solo and Collaborative Performance	
THP 213: Introduction to Technical Theatre	THP 428: Theatre Capstone/Senior Project	
	THP 440: Advanced Scene Design	

THP 214: Introduction to Costuming	THP 455: Advanced Media Design	THP 482: Theatre for Social Change (C)
THP 218: Directing I: Introduction to Directing	THP 483: Acting: Viewpoints and Composition	
THP 260: Introduction to Dramatic Writing		
Upper Division History and Context		
DCE 300: Dancing Histories (HU)		
DCE 301: Dance Analysis and Theory (L or HU)		
DCE 302: History of American Hip Hop Dance (HU & C)		
DCE 306: History of Salsa: Afro-Latin Social and Global Contexts (HU & C)		
DCE 402: Ethnography of Dance Practices (L)		
DCE 404: Dance and Ethics (L)		
DCE 405: Writing the Creating Body (L or HU)		
THE 320: History of the Theatre I (HU & H)		
THE 321: History of the Theatre II (HU & H)		
THE 322: Theatre History and Culture (HU & H)		
THE 325: Play Reading for Educational Theatre		
THE 421: Shakespeare: Stage and Film (L or HU)		
THE 422: Latinx Theatre and Film (HU & C)		
THE 423: African American Theatre (C)		
THE 426: Pre-Columbian Theatre of the Americas		
THE 429: Studies in European Literature and Culture		
THE 430: History of Fashion I (HU)		
THE 431: History of Fashion II: 20th-Century Fashion		
THE 440: Experimental Theatre and Performance (L)		

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.












## 2023 - 2024 Major Map

### Performance and Movement - Hip Hop Arts, BA

School/College: Herberger Institute for Design and the Arts

Location: Tempe

HIPERMVBA

Term 1 0 - 16 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes	
 DCE 133: Hip Hop I	2	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. DCE 170 fulfills this requirement.</li> </ul>	
 DCE 160: Creative Practices I	3	C		
 DCE 170: First-Year Seminar I	1-2	C		
DCE 136: Introduction to Somatic Movement	2	C		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C		
Mathematics (MA)	3			
Elective	2-3			
Term hours subtotal:	16-18			
Term 2 16 - 31 Credit Hours Critical course signified by 	Hours	Minimum Grade		Notes
 DCE 133: Hip Hop I	2	C		<ul style="list-style-type: none"> <li>Students are expected to reach the advanced level (300-level) of at least one of the Physical Practices. Plan your Physical Practices courses to be able to do that in Term 6.</li> <li>Join a <b>student club</b> or organization and/or participate in an off-campus performance project.</li> </ul>
 THF 126: Professional Development: Communication and Collaboration	2	C		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C		
THF 160: Introduction to Storytelling (HU)	3	C		
Computer/Statistics/Quantitative Applications (CS) ( DCE 240 OR FMP 255 recommended)	3			
Elective	2-3			
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).				
Term hours subtotal:	15-16			
Term 3 31 - 46 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes	
DCE 201: Dance, Culture, and Global Contexts (HU) OR DCE 202: Dance in U.S. Popular Culture (HU & C) OR THF 220: Principles of Dramatic Analysis (L or HU)	3	C		
DCE 233: Hip Hop II	2	C		
Creative Practice Course	3-4	C		
Natural Science - Quantitative (SQ)	4			

Social-Behavioral Sciences (SB) AND Historical Awareness (H) 3

❖ Complete Mathematics (MA) requirement.

Complete First-Year Composition requirement.

Term hours subtotal: 15-16

Term 4 46 - 61 Credit Hours Critical course signified by ❖	Hours	Minimum Grade	Notes
❖ DCE 233: Hip Hop II	2	C	• Develop your skills.
DCE OR THE OR THF OR THP Elective	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Elective	3-4		
Term hours subtotal:	15-16		

Term 5 61 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ DCE 238: Hip Hop Ensemble	1	C	• Students are expected to reach the advanced level of one of the Physical Practices next term.
★ DCE 333: Hip Hop III	3	C	
★ Upper Division Community Engagement and Education Course	3	C	
Upper Division Production and Technical Course	1-3	C	
DCE Upper Division Elective OR FMP Upper Division Elective OR THE Upper Division Elective OR THF Upper Division Elective OR THP Upper Division Elective	3	C	
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	14-16		

Term 6 75 - 91 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ DCE 238: Hip Hop Ensemble	1	C	• Prepare for your internship (optional) next semester. • Internships are strongly encouraged.
★ DCE 333: Hip Hop III	3	C	
★ THF 397: Professional Development Seminar	1	C	
DCE 302: History of American Hip Hop Dance (HU & C)	3	C	
Upper Division Physical Practice	3	C	
Complete 2 courses: Elective	5		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	16		

Term 7 91 - 106 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ DCE 238: Hip Hop Ensemble	1	C	• If students intend to take DCE 461 as their capstone course in Term 8, then DCE 460 (Upper Division Creative Practice) is required in Term 7. DCE 460 is offered in fall only. • DCE 333 is recommended as a DCE Upper Division Elective. • Internships are strongly encouraged.
★ DCE 484: Internship OR FMP 484: Internship OR THP 484: Internship	3	C	
★ Upper Division Creative Practice	2-3	C	
DCE Upper Division Elective OR FMP Upper Division Elective OR THE Upper Division Elective OR THF Upper Division Elective OR THP Upper Division Elective	3	C	

Upper Division Literacy and Critical Inquiry (L) ( DCE 405 OR THE 440 recommended)	3
Upper Division Elective	3
Term hours subtotal:	15-16

Term 8 106 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ DCE 461: Transitions II OR THF 497: Senior Project OR THP 428: Theatre Capstone/Senior Project	2-3	C	• DCE 461 is offered in spring only.
DCE Upper Division Elective OR FMP Upper Division Elective OR THE Upper Division Elective OR THF Upper Division Elective OR THP Upper Division Elective	3	C	
Complete 2 courses: Upper Division Elective	6		
Elective	3		
Term hours subtotal:	14-15		

Hide Course List(s)/Track Group(s)

Physical Practice Courses	Upper Division Physical Practice Courses	Production and Technical Courses
DCE 111: Belly Dance I	DCE 324: Latin/Swing/Ballroom III	DCE 438: Dance Theatre Performance/Production
DCE 120: Nonmajors Contemporary Modern I	DCE 333: Hip Hop III	MUP 373: Music Theatre Performance and Production
DCE 121: Ballet I	DCE 334: Contemporary Modern III	MUP 374: Music Theatre Technical Production
DCE 122: Jazz I	DCE 335: Contemporary Ballet III	THP 301: Production
DCE 123: Nonmajors Hip Hop I	DCE 336: Somatic Movement Development and Facilitation	THP 317: Stage Management
DCE 124: Latin/Swing/Ballroom I	DCE 339: Afro-Latin III	THP 331: Costume Construction
DCE 125: Afro-Latin Salsa I	IAP 331: Performance, Acting, and the Individual	THP 332: Makeup
DCE 126: Country-Western	MUP 370: Music Theatre V	THP 335: Stagecraft
DCE 133: Hip Hop I	MUP 465: Music Theatre VI	THP 345: Lighting Design
DCE 134: Contemporary Modern I	MUP 466: Broadway Dance	THP 350: Sound Design
DCE 135: Contemporary Ballet I	MUP 470: Music Theatre VII	THP 355: Media Design for Performance
DCE 136: Introduction to Somatic Movement	MUP 471: Music Theatre: Workshops	THP 401: Theatre Practicum
DCE 139: Afro-Latin I	MUP 472: Music Theatre VIII	THP 435: Technical Direction
DCE 220: Nonmajors Contemporary Modern II	THP 301: Acting Mainstage	THP 442: Rendering for Design and Production
DCE 221: Ballet II	THP 302: Acting V	THP 448: AutoCAD for Live Entertainment
DCE 222: Jazz II	THP 307: Acting: Ten-Minute Plays	THP 449: AutoCAD 3D for Live Entertainment
DCE 223: Nonmajors Hip Hop II	THP 372: Movement II	THP 451: Student Production Board II
DCE 224: Latin/Swing/Ballroom II	THP 377: Voice and Speech II	
DCE 225: Afro-Latin/Salsa II	THP 387: Acting VI	
DCE 233: Hip Hop II		

DCE 234: Contemporary Modern II	THP 420: Acting: Solo and Collaborative Performance	
DCE 236: Somatic Movement Applications: A Closer Look	THP 482: Theatre for Social Change (C)	
DCE 238: Hip Hop Ensemble	THP 483: Acting: Viewpoints and Composition	
DCE 239: Afro-Latin II	THP 489: Acting: Audition Techniques and Career Development	
MUP 170: Music Theatre I		
MUP 172: Music Theatre II		
MUP 270: Music Theatre III		
MUP 272: Music Theatre IV		
MUS 146: Singing for Nonmajors I		
THF 101: Acting Introduction		
THP 102: Acting I		
THP 202: Acting II: Scene Study		
THP 272: Movement I		
THP 277: Voice and Speech I		
<b>Creative Practice Courses</b>	<b>Upper Division Creative Practices</b>	<b>Community Engagement and Education Courses</b>
ART 116: Introduction to Digital Media	ART 443: Performance Art: Actions, Gestures, Journeys	ART 442: Art and Community
ART 216: Contemporary Art in Practice: Methods, Making, Meaning	DCE 360: Creative Practices V	DCE 350: Dance in the Classroom: Learning Through Movement (HU)
DCE 161: Creative Practices II	DCE 361: Creative Practices VI	DCE 354: Creative Approaches to Teaching Dance I
DCE 240: Media for Dance (CS)	DCE 460: Transitions I	DCE 356: Creative Approaches to Teaching Dance II
DCE 260: Creative Practices III	DCE 461: Transitions II	FMP 417: Business and Legal Practices in Entertainment
DCE 261: Creative Practices IV	FMP 300: Short Film Production	HDA 310: Socially Engaged Practice
DCE 262: Rhythmic Theory for Dance I	IAP 331: Performance, Acting, and the Individual	HDA 311: Work and Careers in the Cultural and Creative Industries
FMP 201: Film: The Creative Process I (HU)	IAP 333: Directing for Performance	HDA 420: Design and the Arts Business Administration
FMP 255: Media Authorship (CS)	IAP 334: Conceptual Development in the Arts	THE 325: Play Reading for Educational Theatre
FMP 261: Principles of Screenwriting	THP 318: Directing II: Intermediate Directing	THE 480: Methods of Teaching Theatre
FMP 280: Introduction to Film and Media Production	THP 330: Costume Design	THP 311: Drama and Education: Performance Methods for Teaching (L)
HDA 210: Creativity and Innovation in Design and the Arts	THP 332: Makeup	THP 351: Arts Management
MTC 125: Basic Music Theory	THP 345: Lighting Design	THP 411: Methods of Teaching Drama
MUS 100: Fundamentals of Music Notation	THP 350: Sound Design	THP 450: Theatre Organization and Management
MUS 145: Nonmajors Class Piano: Beginner	THP 355: Media Design for Performance	
THF 215: Design and Composition for Theatre and Film (HU)	THP 360: Intermediate Playwriting	
THP 213: Introduction to Technical Theatre	THP 420: Acting: Solo and Collaborative Performance	
	THP 428: Theatre Capstone/Senior Project	

THP 214: Introduction to Costuming	THP 440: Advanced Scene Design	THP 482: Theatre for Social Change (C)
THP 218: Directing I: Introduction to Directing	THP 455: Advanced Media Design	
THP 260: Introduction to Dramatic Writing	THP 483: Acting: Viewpoints and Composition	

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.











## 2023 - 2024 Major Map

### Performance and Movement - Social and Partnership Dance, BA

School/College: Herberger Institute for Design and the Arts

Location: Tempe

HIPERMVBA

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes	
 DCE 124: Latin/Swing/Ballroom I OR DCE 125: Afro-Latin Salsa I	2	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. DCE 170 fulfills this requirement.</li> </ul>	
 DCE 160: Creative Practices I	3	C		
 DCE 170: First-Year Seminar I	1-2	C		
DCE 136: Introduction to Somatic Movement	2	C		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C		
Mathematics (MA)	3			
Elective	2			
Term hours subtotal:	16-17			
Term 2 16 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade		Notes
 DCE 124: Latin/Swing/Ballroom I OR DCE 125: Afro-Latin Salsa I	2	C		<ul style="list-style-type: none"> <li>Alternate each semester between Latin and Ballroom.</li> <li>Join a <b>student club</b> or organization, and/or participate in an off-campus performance project.</li> </ul>
 THF 126: Professional Development: Communication and Collaboration	2	C		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C		
THF 160: Introduction to Storytelling (HU)	3	C		
Computer/Statistics/Quantitative Applications (CS) ( DCE 240 OR FMP 255 recommended)	3			
Elective	3			
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).				
Term hours subtotal:	16			
Term 3 32 - 47 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes	
 DCE 224: Latin/Swing/Ballroom II OR DCE 225: Afro-Latin/Salsa II	2	C		
DCE 201: Dance, Culture, and Global Contexts (HU) OR DCE 202: Dance in U.S. Popular Culture (HU & C) OR THF 220: Principles of Dramatic Analysis (L or HU)	3	C		
Creative Practice Course	3-4	C		

Natural Science - Quantitative (SQ)	4
Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3
❗ Complete Mathematics (MA) requirement.	
Complete First-Year Composition requirement.	
Term hours subtotal:	15-16

Term 4 47 - 62 Credit Hours Critical course signified by ❗	Hours	Minimum Grade	Notes
❗ DCE 224: Latin/Swing/Ballroom II OR DCE 225: Afro-Latin/Salsa II	2	C	• Develop your skills
DCE OR THE OR THF OR THP Elective	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Elective	3		
Term hours subtotal:	15		

Term 5 62 - 74 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ DCE 324: Latin/Swing/Ballroom III	2	C	• Students are expected to reach the advanced level of one of the Physical Practices next term.
★ Upper Division Community Engagement and Education Course	3	C	
Upper Division Production and Technical Course	1-3	C	
DCE Upper Division Elective OR FMP Upper Division Elective OR THE Upper Division Elective OR THF Upper Division Elective OR THP Upper Division Elective	3	C	
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	12-14		

Term 6 74 - 89 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ DCE 324: Latin/Swing/Ballroom III	2	C	• Prepare for your internship (optional) next semester. • Internships are strongly encouraged.
★ THF 397: Professional Development Seminar	1	C	
DCE 306: History of Salsa: Afro-Latin Social and Global Contexts (HU & C)	3	C	
Upper Division Physical Practice Course	3	C	
Upper Division Elective	3		
Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 89 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ DCE 484: Internship OR FMP 484: Internship OR THP 484: Internship OR DCE Upper Division Elective OR FMP Upper Division Elective OR THE Upper Division Elective OR THP Upper Division Elective OR THF Upper Division Elective	3	C	• Internships are strongly encouraged.
★ Upper Division Creative Practice	2-3	C	
DCE Upper Division Elective OR FMP Upper Division Elective OR THE Upper Division Elective OR THF Upper Division Elective OR THP Upper Division Elective	3	C	

Upper Division Literacy and Critical Inquiry (L) ( DCE 405 OR THE 440 recommended)	3
Upper Division Elective	2
Elective	3
Term hours subtotal:	16-17

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ THF 497: Senior Project OR THP 428: Theatre Capstone/Senior Project	2-3	C	
DCE Upper Division Elective OR FMP Upper Division Elective OR THE Upper Division Elective OR THF Upper Division Elective OR THP Upper Division Elective	3	C	
Complete 2 courses: Upper Division Elective	6		
Elective	4		
Term hours subtotal:	15-16		

Hide Course List(s)/Track Group(s)

Physical Practice Courses	Upper Division Physical Practice Courses	Community Engagement and Education Courses
DCE 111: Belly Dance I	DCE 324: Latin/Swing/Ballroom III	ART 442: Art and Community
DCE 120: Nonmajors Contemporary Modern I	DCE 333: Hip Hop III	DCE 350: Dance in the Classroom: Learning Through Movement (HU)
DCE 121: Ballet I	DCE 334: Contemporary Modern III	DCE 354: Creative Approaches to Teaching Dance I
DCE 122: Jazz I	DCE 335: Contemporary Ballet III	DCE 356: Creative Approaches to Teaching Dance II
DCE 123: Nonmajors Hip Hop I	DCE 336: Somatic Movement Development and Facilitation	FMP 417: Business and Legal Practices in Entertainment
DCE 124: Latin/Swing/Ballroom I	DCE 339: Afro-Latin III	HDA 310: Socially Engaged Practice
DCE 125: Afro-Latin Salsa I	IAP 331: Performance, Acting, and the Individual	HDA 311: Work and Careers in the Cultural and Creative Industries
DCE 126: Country-Western	MUP 370: Music Theatre V	HDA 420: Design and the Arts Business Administration
DCE 133: Hip Hop I	MUP 465: Music Theatre VI	THE 325: Play Reading for Educational Theatre
DCE 134: Contemporary Modern I	MUP 466: Broadway Dance	THE 480: Methods of Teaching Theatre
DCE 135: Contemporary Ballet I	MUP 470: Music Theatre VII	THP 311: Drama and Education: Performance Methods for Teaching (L)
DCE 136: Introduction to Somatic Movement	MUP 471: Music Theatre: Workshops	THP 351: Arts Management
DCE 139: Afro-Latin I	MUP 472: Music Theatre VIII	THP 411: Methods of Teaching Drama
DCE 220: Nonmajors Contemporary Modern II	THP 301: Acting Mainstage	THP 450: Theatre Organization and Management
DCE 221: Ballet II	THP 302: Acting V	THP 482: Theatre for Social Change (C)
DCE 222: Jazz II	THP 307: Acting: Ten-Minute Plays	
DCE 223: Nonmajors Hip Hop II	THP 372: Movement II	
DCE 224: Latin/Swing/Ballroom II	THP 377: Voice and Speech II	
DCE 225: Afro-Latin/Salsa II	THP 387: Acting VI	
DCE 233: Hip Hop II		



DCE 234: Contemporary Modern II	THP 420: Acting: Solo and Collaborative Performance	
DCE 236: Somatic Movement Applications: A Closer Look	THP 482: Theatre for Social Change (C)	
DCE 238: Hip Hop Ensemble	THP 483: Acting: Viewpoints and Composition	
DCE 239: Afro-Latin II	THP 489: Acting: Audition Techniques and Career Development	
MUP 170: Music Theatre I		
MUP 172: Music Theatre II		
MUP 270: Music Theatre III		
MUP 272: Music Theatre IV		
MUS 146: Singing for Nonmajors I		
THF 101: Acting Introduction		
THP 102: Acting I		
THP 202: Acting II: Scene Study		
THP 272: Movement I		
THP 277: Voice and Speech I		
<b>Creative Practice Courses</b>	<b>Upper Division Creative Practices</b>	<b>Production and Technical Courses</b>
ART 116: Introduction to Digital Media	ART 443: Performance Art: Actions, Gestures, Journeys	DCE 438: Dance Theatre Performance/Production
ART 216: Contemporary Art in Practice: Methods, Making, Meaning	DCE 360: Creative Practices V	MUP 373: Music Theatre Performance and Production
DCE 161: Creative Practices II	DCE 361: Creative Practices VI	MUP 374: Music Theatre Technical Production
DCE 240: Media for Dance (CS)	DCE 460: Transitions I	THP 301: Production
DCE 260: Creative Practices III	DCE 461: Transitions II	THP 317: Stage Management
DCE 261: Creative Practices IV	FMP 300: Short Film Production	THP 331: Costume Construction
DCE 262: Rhythmic Theory for Dance I	IAP 331: Performance, Acting, and the Individual	THP 332: Makeup
FMP 201: Film: The Creative Process I (HU)	IAP 333: Directing for Performance	THP 335: Stagecraft
FMP 255: Media Authorship (CS)	IAP 334: Conceptual Development in the Arts	THP 345: Lighting Design
FMP 261: Principles of Screenwriting	THP 318: Directing II: Intermediate Directing	THP 350: Sound Design
FMP 280: Introduction to Film and Media Production	THP 330: Costume Design	THP 355: Media Design for Performance
HDA 210: Creativity and Innovation in Design and the Arts	THP 332: Makeup	THP 401: Theatre Practicum
MTC 125: Basic Music Theory	THP 345: Lighting Design	THP 435: Technical Direction
MUS 100: Fundamentals of Music Notation	THP 350: Sound Design	THP 442: Rendering for Design and Production
MUS 145: Nonmajors Class Piano: Beginner	THP 355: Media Design for Performance	THP 448: AutoCAD for Live Entertainment
THF 215: Design and Composition for Theatre and Film (HU)	THP 360: Intermediate Playwriting	THP 449: AutoCAD 3D for Live Entertainment
THP 213: Introduction to Technical Theatre	THP 420: Acting: Solo and Collaborative Performance	THP 451: Student Production Board II
	THP 428: Theatre Capstone/Senior Project	

THP 214: Introduction to Costuming

THP 440: Advanced Scene Design

THP 218: Directing I: Introduction to Directing

THP 455: Advanced Media Design

THP 260: Introduction to Dramatic Writing

THP 483: Acting: Viewpoints and Composition

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.







## 2023 - 2024 Major Map

### Theatre, BA

School/College: Herberger Institute for Design and the Arts

Location: Tempe

FATHEBA

Term 1 0 - 14 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes	
 THE 125: Orientation to Theatre	1	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. THE 125 Orientation to Theatre required of all first-year theatre majors only.</li> <li>Students must complete THP 201 for degree. Students may choose between THP 213 or 214.</li> <li>Interested in the Acting Concentration? Please change your major to Theatre (Acting) so you are following the correct major map.</li> <li>Interested in the Design &amp; Production Concentration? Please change your major to Theatre (Design &amp; Production) so you are following the correct major map.</li> <li>Join a <a href="#">student club</a> or professional organization. Get involved in a production.</li> </ul>	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C		
THF 160: Introduction to Storytelling (HU) OR THP 102: Acting I	3	C		
THP 201: Theatre Production Crew OR THP 213: Introduction to Technical Theatre or THP 214: Introduction to Costuming	1-3	C		
Mathematics (MA)	3			
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3			
Maintain 2.50 GPA in Theatre courses.				
Term hours subtotal:	14-16			
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Term 2 14 - 28 Credit Hours Critical course signified by 	Hours	Minimum Grade		Notes
 THF 126: Professional Development: Communication and Collaboration	2	C	<ul style="list-style-type: none"> <li>THF 160 and THP 201 must be completed by the end of Term 3.</li> <li>Students must complete THP 201 for degree. Students may choose between THP 213 or 214.</li> <li>Interested in the Acting Concentration? Please change your major to Theatre (Acting) so you are following the correct major map.</li> <li>Interested in the Design &amp; Production Concentration? Please change your major to Theatre (Design &amp; Production) so you are following the correct major map.</li> <li>See recommended elective course lists.</li> </ul>	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C		
THF 160: Introduction to Storytelling (HU) OR THP 102: Acting I	3	C		
THP 201: Theatre Production Crew OR THP 213: Introduction to Technical Theatre or THP 214: Introduction to Costuming	3-1	C		
Elective	3			
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).				
Maintain 2.50 GPA in Theatre courses.				
Term hours subtotal:	14-12			
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Term 3 28 - 44 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes	

THF 215: Design and Composition for Theatre and Film (HU) OR THF 220: Principles of Dramatic Analysis (L or HU)	3	C
Computer/Statistics/Quantitative Applications (CS)	3	
Natural Science - Quantitative (SQ)	4	
Complete 2 courses: Elective	6	
◆ Complete Mathematics (MA) requirement.		
◆ Complete THF 160 course(s).		
◆ Complete THP 201 course(s).		
Complete First-Year Composition requirement.		
Maintain 2.50 GPA in Theatre courses.		
Term hours subtotal:	16	

- THF 215 must be completed by the end of Term 4.
- See recommended elective course lists.
- Establish **career interests**, develop soft skills and build a resume.
- Deepen involvement in a production, and narrow your focus.

Term 4 44 - 60 Credit Hours <b>Critical course signified by</b> ◆	Hours	Minimum Grade	Notes
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THF 215: Design and Composition for Theatre and Film (HU) OR THF 220: Principles of Dramatic Analysis (L or HU)	3	C
THP 218: Directing I: Introduction to Directing	3	C
THE OR THF OR THP Elective	3	C
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3	
◆ Complete THF 215 course.		
◆ Complete THP 102 AND THP 213 or THP 214 course(s).		
Maintain 2.50 GPA in Theatre courses.		
Term hours subtotal:	16	

- Begin discussion of your **career options** with your faculty mentor.
- Continue to build your resume.
- See recommended elective course lists.

Term 5 60 - 74 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
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★ THP 301: Theatre Production	1	C
THE 320: History of the Theatre I (HU & H)	3	C
THE OR THF OR THP Elective	3	C
Complete 3 courses: Upper Division Elective	7	
★ Complete THP 218 course(s).		
Maintain 2.50 GPA in Theatre courses.		
Term hours subtotal:	14	

Term 6 74 - 90 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
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★ THE 321: History of the Theatre II (HU & H)	3	C
★ THF 397: Professional Development Seminar	1	C
THE OR THF OR THP Upper Division Elective	3	C
Upper Division THE Dramatic Literature Course	3	C
Complete 2 courses: Elective	6	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
Maintain 2.50 GPA in Theatre courses.		

- For the Upper Division THE Dramatic Literature Course, choose one from THE 421, 422, 423, 426, or 440. If all Literacy requirements for General Studies are completed, then choose any course from the Dramatic Literature track group.
- Enroll with your faculty mentor in THF 397 to begin the development of your senior project.
- See recommended elective course lists.

Term hours subtotal: 16

Term 7 90 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ THE 421: Shakespeare: Stage and Film (L or HU) OR THE 440: Experimental Theatre and Performance (L)	3	C	<ul style="list-style-type: none"> <li>• Complete an internship.</li> <li>• Complete a major project in specific area.</li> <li>• See recommended elective course lists.</li> </ul>
<i>Complete 3 courses:</i>			
THE OR THF OR THP Upper Division Elective	9	C	
Upper Division Elective OR THP 484: Internship	3		
Maintain 2.50 GPA in Theatre courses.			
Term hours subtotal:		15	

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ THF 497: Senior Project OR THP 428: Theatre Capstone/Senior Project	3-6	C	<ul style="list-style-type: none"> <li>• Transfer students complete one additional hour of elective credit in Term 8 to reach 120 hours because THE 125 Orientation to Theatre (Term 1) is not required for transfer students.</li> <li>• Students should choose THP 428 for three credits unless their faculty mentor feels there is a reason to do THF 497.</li> <li>• See recommended elective course lists.</li> </ul>
<i>Complete 2 courses:</i>			
THE OR THF OR THP Upper Division Elective	6	C	
THE OR THF OR THP Elective	3	C	
Elective	3		
Term hours subtotal:		15-18	

Hide Course List(s)/Track Group(s)

THE Dramatic Literature Course	Technology	Dramatic Writing and Dramaturgy
THE 421: Shakespeare: Stage and Film (L or HU)	THP 216: Stage Technology	THP 260: Introduction to Dramatic Writing
THE 422: Latinx Theatre and Film (HU & C)	THP 331: Costume Construction	THP 360: Intermediate Playwriting
THE 423: African American Theatre (C)	THP 335: Stagecraft	THE 494: Introduction to Dramaturgy
THE 426: Pre-Columbian Theatre of the Americas	THP 394: Pattern Drafting for Theatre	
THE 440: Experimental Theatre and Performance (L)	THP 430: Rigging for the Stage	
	THP 431: Advanced Costume Construction	
	THP 435: Technical Direction	
	THP 441: Scene Painting	
	THP 453: Sound System Design and Engineering	
	THP 494: Materials for the Stage	
	THP 494: Menswear Patterning & Construction Techniques	
	THP 494: Properties for the Stage	
	THP 494: Designing & Mixing a Musical	
	THP 494: Recording & Mixing Audio	
	THP 494: Advanced Sound Technology	

Directing and Devising	Voice and Movement	Design
THP 318: Directing II: Intermediate Directing	THP 272: Movement I	THP 330: Costume Design
THP 418: Directing III: Advanced Directing	THP 277: Voice and Speech I	THP 340: Scene Design
THP 494: Acting and Directing Intimate Scenes	THP 372: Movement II	THP 345: Lighting Design
THP 494: Devising Theatre	THP 377: Voice and Speech II	THP 350: Sound Design
	THP 394: Voiceovers	THP 355: Media Design for Performance
		THP 440: Advanced Scene Design
		THP 445: Advanced Lighting Design
		THP 455: Advanced Media Design
		THP 494: Costume Design II
Management	Acting	Drawing/ Drafting
THP 317: Stage Management	THP 122: Acting II	THP 344: Hand Drafting for the Live Entertainment
THP 351: Arts Management	THP 203: Acting III	THP 442: Rendering for Design and Production
THP 450: Theatre Organization and Management	THP 222: Acting IV	THP 447: Vectorworks for Live Entertainment
	THP 302: Acting V	THP 448: AutoCAD for Live Entertainment
	THP 387: Acting VI	
	THP 307: Acting: Ten-Minute Plays	
	THP 394: Acting Shakespeare	
	THP 394: Voiceovers	
	THP 494: Devising Theatre	
	THP 494: Acting and Directing Intimate Scenes	

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.50 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.









## 2023 - 2024 Major Map

### Theatre (Acting), BA

School/College: Herberger Institute for Design and the Arts

Location: Tempe

FATHEABA

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 THE 125: Orientation to Theatre	1	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. THE 125 Orientation to Theatre fulfills this requirement.</li> </ul>
 THP 272: Movement I OR THP 277: Voice and Speech I	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
THP 102: Acting I	3	C	
Mathematics (MA)	3		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Maintain 3.00 GPA in Theatre courses.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		
Term 2 16 - 31 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 THF 126: Professional Development: Communication and Collaboration	2	C	<ul style="list-style-type: none"> <li>Students who do not pass the acting concentration application and milestone process will be switched to the Theatre BA major.</li> </ul>
 THP 272: Movement I OR THP 277: Voice and Speech I	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
THF 160: Introduction to Storytelling (HU)	3	C	
THP 122: Acting II	3	C	
THP 201: Theatre Production Crew	1	C	
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Maintain 3.00 GPA in Theatre courses.			
Milestone: Apply for Acting Concentration during Term 2.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	15		
Term 3 31 - 47 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
THF 220: Principles of Dramatic Analysis (L or HU)	3	C	<ul style="list-style-type: none"> <li>THP 201, and THP 213 or 214 must be completed by the end of Term 4.</li> </ul>
THP 203: Acting III	3	C	



THP 213: Introduction to Technical Theatre OR THP 214: Introduction to Costuming	3	C
THP 377: Voice and Speech II OR THP 372: Movement II	3	C
Natural Science - Quantitative (SQ)	4	
❖ Complete Mathematics (MA) requirement.		
Complete First-Year Composition requirement.		
Maintain 3.00 GPA in Theatre courses.		
Minimum 2.50 GPA ASU Cumulative.		
Term hours subtotal:	16	

- Get involved in projects in the School of Music, Dance and Theatre, and prepare for the audition into the Acting Concentration.

Term 4 47 - 62 Credit Hours Critical course signified by ❖	Hours	Minimum Grade	Notes
❖ THF 215: Design and Composition for Theatre and Film (HU)	3	C	
THP 222: Acting IV	3	C	
THP 377: Voice and Speech II OR THP 372: Movement II	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Maintain 3.00 GPA in Theatre courses.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 5 62 - 76 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ THP 218: Directing I: Introduction to Directing	3	C	
★ THP 301: Theatre Production	1	C	
THE 320: History of the Theatre I (HU & H)	3	C	
THP 302: Acting V	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Maintain 3.00 GPA in Theatre courses.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	14		

- Begin discussion of career options with your faculty mentor.
- Continue to build your resume.

Term 6 76 - 92 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ THF 397: Professional Development Seminar	1	C	
THE 321: History of the Theatre II (HU & H)	3	C	
THP 387: Acting VI	3	C	
Upper Division THE Dramatic Literature Course	3	C	
Complete 2 courses: Upper Division Elective	6		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Maintain 3.00 GPA in Theatre courses.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

- For the Upper Division THE Dramatic Literature Course, choose one from THE 421, 422, 423, 426, or 440. If all Literacy requirements for General Studies are complete, then choose any course from the Dramatic Literature track group.
- Enroll with your faculty mentor in THF 397 to begin the development of your senior project.

Term 7 92 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ THE 421: Shakespeare: Stage and Film (L or HU) OR THE 440: Experimental Theatre and Performance (L)	3	C
THP 489: Acting: Audition Techniques and Career Development	3	C
Upper Division THP Acting Elective	3	C
Upper Division Elective OR THP 484: Internship Elective	3	
	4	
Maintain 3.00 GPA in Theatre courses.		
Minimum 2.50 GPA ASU Cumulative.		
Term hours subtotal:	16	

- Plan and implement your capstone. Continue building a body of work and materials that are industry standard and that will launch you into your career and/or next project.

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ THF 497: Senior Project OR THP 428: Theatre Capstone/Senior Project	3	C	<ul style="list-style-type: none"> <li>• Transfer students complete one additional hour of elective credit in Term 8 to reach 120 hours because THE 125 Orientation Theatre (Term 1) is not required for transfer students.</li> </ul>
Upper Division THP Acting Elective	3	C	
Complete 2 courses:	6		
Elective			
Maintain 3.00 GPA in Theatre courses.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

THE Dramatic Literature Course	THP Acting Electives	Suggested Electives
THE 421: Shakespeare: Stage and Film (L or HU)	THP 301: Acting Mainstage	THP 260: Introduction to Dramatic Writing
THE 422: Latinx Theatre and Film (HU & C)	THP 307: Acting: Ten-Minute Plays	THP 360: Intermediate Playwriting
THE 423: African American Theatre (C)	THP 394: Acting Shakespeare	THE 494: Introduction to Dramaturgy
THE 426: Pre-Columbian Theatre of the Americas	THP 394: Voiceovers	
THE 440: Experimental Theatre and Performance (L)	THP 420: Acting: Solo and Collaborative Performance	
	THP 483: Acting: Viewpoints and Composition	
	THP 494: Acting and Directing Intimate Scenes	
	THP 494: Devising Theatre	
	THP 494: Film Director: Actor Collaboration Lab	

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 3.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.




## 2023 - 2024 Major Map







### Theatre (Design and Production), BA


School/College: [Herberger Institute for Design and the Arts](#)

Location: [Tempe](#)

FADSNRBA

Term 1 0 - 14 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 THE 125: Orientation to Theatre	1	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. THE 125 Orientation to Theatre required of all first-year Theatre majors only.</li> <li>Develop and build upon a <b>resume</b>. Start collecting portfolio items and/or images.</li> </ul>
 THF 160: Introduction to Storytelling (HU) OR THP 102: Acting I	3	C	
THP 201: Theatre Production Crew	1	C	
THP 213: Introduction to Technical Theatre OR THP 214: Introduction to Costuming	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Mathematics (MA)	3		
Maintain 3.00 GPA in Theatre courses.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	14		

Term 2 14 - 29 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 THF 126: Professional Development: Communication and Collaboration	2	C	
 THF 160: Introduction to Storytelling (HU) OR THP 102: Acting I	3	C	
 THP 213: Introduction to Technical Theatre OR THP 214: Introduction to Costuming	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Natural Science - Quantitative (SQ)	4		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Complete THP 201 course(s).			
Milestone: Successful completion of Concentration Progress Review.			
Maintain 3.00 GPA in Theatre courses.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 3 29 - 46 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 THF 215: Design and Composition for Theatre and Film (HU)	3	C	

THP 301: Theatre Production	1	C
Upper Division Design & Production Core Course	3	C
Design & Production Concentration Elective	3	C
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3	
◆ Complete Mathematics (MA) requirement.		
Complete First-Year Composition requirement.		
Maintain 3.00 GPA in Theatre courses.		
Minimum 2.50 GPA ASU Cumulative.		
Term hours subtotal:		17

- THP 102 must be completed by the end of Term 4.
- Continue to develop a portfolio. Start building a website.
- Discuss Production Assignment with Design & Production mentor.
- Recommend THP 216 for the Design & Production Concentration Elective

Term 4 46 - 62 Credit Hours Critical course signified by ◆	Hours	Minimum Grade	Notes
◆ THF 220: Principles of Dramatic Analysis (L or HU)	3	C	• Discuss Production Assignment with Design & Production mentor.
THP 301: Theatre Production	1	C	
Upper Division Design & Production Core Course	3	C	
Computer/Statistics/Quantitative Applications (CS) ( FMP 255 recommended)	3		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Elective	3		
Maintain 3.00 GPA in Theatre courses.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:		16	

Term 5 62 - 78 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ THP 301: Theatre Production OR THP 401: Theatre Practicum OR THP 498: Pro-Seminar	1-3	C	• Start looking for professional internships or jobs. • Begin discussions of career options with your faculty mentor. • Discuss Production Assignment with Design & Production mentor.
THE 320: History of the Theatre I (HU & H)	3	C	
THP 218: Directing I: Introduction to Directing	3	C	
Upper Division Design & Production Core Course	3	C	
Design & Production Concentration Elective	3	C	
Elective	3		
Maintain 3.00 GPA in Theatre courses.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:		16-18	

Term 6 78 - 92 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ THF 397: Professional Development Seminar	1	C	• For the Upper Division THE Dramatic Literature Course, choose one course from the list below. • Discuss Production Assignment with Design & Production mentor. • Enroll with your mentor in THF 397 to begin the development of your senior project.
★ THE 321: History of the Theatre II (HU & H)	3	C	
THP 301: Theatre Production OR THP 401: Theatre Practicum OR THP 498: Pro-Seminar	1-3	C	
Upper Division Design & Production Core Course	3	C	
Upper Division THE Dramatic Literature Course	3	C	
Elective	3		
★ Complete THP 218 course(s).			

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Milestone: Successful completion of Portfolio Review

Maintain 3.00 GPA in Theatre courses.

Minimum 2.50 GPA ASU Cumulative.

Term hours subtotal: 14-16

Term 7 92 - 107 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ THE 421: Shakespeare: Stage and Film (L or HU) OR THE 440: Experimental Theatre and Performance (L)	3	C	<ul style="list-style-type: none"> <li>Apply for professional jobs or graduate school.</li> <li>Discuss Production Assignment with Design &amp; Production mentor.</li> </ul>
★ THP 301: Theatre Production OR THP 401: Theatre Practicum OR THP 498: Pro-Seminar	1-3	C	
Complete 2 courses:	6	C	
Upper Division Design & Production Concentration Elective			
Upper Division Elective	2		
Elective OR THP 484: Internship	3		
Maintain 3.00 GPA in Theatre courses.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	15-17		

Term 8 107 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ THF 497: Senior Project OR THP 428: Theatre Capstone/Senior Project	1-3	C	<ul style="list-style-type: none"> <li>Transfer students complete one additional hour of elective credit in Term 8 to reach 120 hours because THE 125 Orientation to Theatre (Term 1) is not required for transfer students.</li> </ul>
Complete 2 courses:	6		
Upper Division Elective			
Complete 2 courses:	6		
Elective			
Milestone: Successful completion of Portfolio Review			
Maintain 3.00 GPA in Theatre courses.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	13-15		

Hide Course List(s)/Track Group(s)

THE Dramatic Literature Course (1 course; 3 credits)	Design & Production Concentration Electives (minimum 12 credits)	Upper Division Design & Production Core (Choose 1 course from 4 different categories; 12 credits total)
THE 421: Shakespeare: Stage and Film (L or HU)	Design:	<b>Arts Management:</b>
THE 422: Latinx Theatre and Film (HU & C)	THP 330: Costume Design	THP 351: Arts Management
THE 423: African American Theatre (C)	THP 340: Scene Design	<b>Costume Design:</b>
THE 426: Pre-Columbian Theatre of the Americas	THP 345: Lighting Design	THP 330: Costume Design
THE 440: Experimental Theatre and Performance (L)	THP 350: Sound Design	<b>Costume Technology:</b>
	THP 355: Media Design for Performance	THP 331: Costume Construction
	THP 440: Advanced Scene Design	<b>Drawing:</b>
	THP 445: Advanced Lighting Design	

THP 455: Advanced Media Design

THP 494: Costume Design II

Technology:

THP 216: Stage Technology

THP 331: Costume Construction

THP 335: Stagecraft

THP 394: Pattern Drafting for Theatre

THP 430: Rigging for the Stage

THP 431: Advanced Costume Construction

THP 435: Technical Direction

THP 441: Scene Painting

THP 453: Sound System Design and Engineering

THP 494: Materials for the Stage

THP 494: Menswear Patterning & Construction Techniques

THP 494: Properties for the Stage

THP 494: Designing & Mixing a Musical

THP 494: Recording & Mixing Audio

THP 494: Advanced Sound Technology

Management:

THP 317: Stage Management

THP 351: Arts Management

THP 450: Theatre Organization and Management

Drawing/ Drafting:

THP 344: Hand Drafting for the Live Entertainment

THP 442: Rendering for Design and Production

THP 447: Vectorworks for Live Entertainment

THP 448: AutoCAD for Live Entertainment

Production:

THP 301: Theatre Production

THP 401: Production

THP 401: Advanced Technical Theatre

THP 401: Costume Construction

THP 401: Lighting, Sound, and Media

THP 344: Hand Drafting for the Live Entertainment

THP 442: Rendering for Design and Production

**Electrics Technology:**

THP 453: Sound System Design and Engineering

**Lighting Design:**

THP 345: Lighting Design

**Management:**

THP 317: Stage Management

**Media Design:**

THP 355: Media Design for Performance

**Scenic Design:**

THP 340: Scene Design

**Scenic Technology:**

THP 335: Stagecraft

**Sound Design:**

THP 350: Sound Design

THP 401: Stage Management

THP 498: Costume Design

THP 498: Design Practicum

THP 498: Lighting Design

THP 498: Media Design Practicum

THP 498: Props Master

THP 498: Scenic Design

THP 498: Sound Design

THP 498: Stage Management

THP 498: Technical Direction

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 3.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.










## 2023 - 2024 Major Map





### Theory and Composition (Composition), BMUS

School/College: [Herberger Institute for Design and the Arts](#)

Location: [Tempe](#)

FAMUSTCBM

Term 1 0 - 15 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 Milestone: Music students must successfully complete an <b>entrance audition</b> into the major before enrolling at ASU.			<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. MUP 101: The ASU School of Music Experience required of all first-year students.</li> <li>Completion of Piano Diagnostic Exam determines placement into Class Piano courses.</li> <li>Applicability of transfer credit for ensemble and studio instruction is determined based on successful completion of audition and review of transcripts.</li> <li>Students that passed an instrumental audition should enroll in the MUP Studio Instruction class in which they were placed; students that did not pass the audition should enroll in MTC 294: Instrumentation.</li> <li>Courses offered in fall semester only: MTC 125, MTC 294, MUP 101, MUP 131.</li> <li>Complete a <b>resume</b> in MUP 101.</li> </ul>
 Milestone: Music students must successfully complete the <b>music theory diagnostic exam</b> before enrolling in School of Music, Dance and Theatre courses.			
 MTC 123: Beginning Composition	1	C	
 MTC 125: Basic Music Theory	3	C	
 MUP 101: The ASU School of Music Experience	1	C	
 4** (400-Level) MUP Music Ensemble	1	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MUP 131: Class Piano	1	C	
MTC 294: Instrumentation OR MTC Elective OR MUE 3** Elective OR MUP 111: Studio Instruction OR MUP 121: Studio Instruction OR MUP 311: Studio Instruction OR MUP 321: Studio Instruction	2	C	
Mathematics (MA)	3		
Term hours subtotal:	15		

Term 2 15 - 29 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MTC 123: Beginning Composition	1	C	<ul style="list-style-type: none"> <li>Applicability of transfer credit for ensemble and studio instruction is determined based on successful completion of audition and review of transcripts.</li> <li>Student that passed an instrumental audition should enroll in the MUP Studio Instruction class in which they were placed; students that did not pass the audition should enroll in a MTC or MUE elective.</li> <li>Courses offered in spring semester only: MTC 221, MUP 132.</li> <li>Familiarize yourself with information about <b>musicians' health</b>.</li> </ul>
 MTC 221: Music Theory: 18th Century	3	C	
 4** (400-Level) MUP Music Ensemble	1	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MHL 140: Sounds and Cultures (HU & G)	3	C	
MUP 132: Class Piano	1	C	
MTC Elective OR MUE 3** Elective OR MUP 111: Studio Instruction OR MUP 121: Studio Instruction OR MUP 311: Studio Instruction OR MUP 321: Studio Instruction	2	C	

❖ Complete ENG 101 OR ENG 105 OR ENG 107 course(s).

Term hours subtotal: 14

Term 3 29 - 44 Credit Hours Critical course signified by ❖	Hours	Minimum Grade	Notes
❖ MTC 123: Beginning Composition	1	C	<ul style="list-style-type: none"> <li>• Applicability of transfer credit for ensemble and studio instruction is determined based on successful completion of audition and review of transcripts.</li> <li>• Students that passed an instrumental audition should enroll in the MUP Studio Instruction class in which they were placed; students that did not pass the audition should enroll in a MTC or MUE elective (Students that did not take MTC 294: Instrumentation in term I should enroll in the class).</li> <li>• Courses offered in fall semester only: MTC 222, MTC 294, MUP 231.</li> <li>• Talk to your studio instructor about ways to enhance your performance skills, and about appropriate ensemble and performance experiences.</li> <li>• Develop a network of student performers who can read and perform your works.</li> </ul>
❖ MTC 222: Music Theory: 19th Century	3	C	
❖ 4** (400-Level) MUP Music Ensemble	1	C	
MUP 231: Class Piano	1	C	
MTC 294: Instrumentation OR MTC Elective OR MUE 3** Elective OR MUP 111: Studio Instruction OR MUP 121: Studio Instruction OR MUP 311: Studio Instruction OR MUP 321: Studio Instruction	2	C	
Computer/Statistics/Quantitative Applications (CS) (MHL 201 recommended)	3		
Natural Science - Quantitative (SQ)	4		
❖ Complete Mathematics (MA) requirement.			
❖ Complete MUP 131.			
Complete First-Year Composition requirement.			
Term hours subtotal:	15		

Term 4 44 - 61 Credit Hours Critical course signified by ❖	Hours	Minimum Grade	Notes	
❖ MTC 123: Beginning Composition	1	C	<ul style="list-style-type: none"> <li>• Applicability of transfer credit for ensemble and studio instruction is determined based on successful completion of audition and review of transcripts.</li> <li>• Students that passed an instrumental audition should enroll in the MUP Studio Instruction class in which they were placed; students that did not pass the audition should enroll in a MTC or MUE elective.</li> <li>• Courses offered in spring semester only: MTC 223, MTC 321 (even numbered spring semesters only), MUP 232.</li> </ul>	
❖ MTC 223: Music Theory: 20th Century	3	C		
❖ 4** (400-Level) MUP Music Ensemble	1	C		
MTC 321: Tonal Counterpoint	2	C		
MUP 232: Class Piano	1	C		
MTC Elective OR MUE 3** Elective OR MUP 111: Studio Instruction OR MUP 121: Studio Instruction OR MUP 311: Studio Instruction OR MUP 321: Studio Instruction	2	C		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4			
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3			
❖ Complete MUP 132.				
Term hours subtotal:	17			

Term 5 61 - 76 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MTC 323: Composition	3	C	<ul style="list-style-type: none"> <li>• Complete one semester of conducting by end of Term 6; students may choose either MUP 209 or MUP 210.</li> <li>• Courses offered in fall semester only: MTC 320 (odd numbered fall semesters only), MTC 327 (even numbered fall semesters only), MUP 210.</li> </ul>
★ Upper Division MHL Through Present Time Course AND Upper Division Humanities, Arts and Design (HU)	3	C	
MTC 320: Modal Counterpoint	2	C	
MTC 327: Intermediate Form and Analysis	3	C	
MUP 209: Beginning Choral Conducting OR MUP 210: Beginning Instrumental Conducting	1	C	
4** (400-Level) MUP Music Ensemble	1	C	

MHL OR MTC OR MUP OR MUE OR MDC OR MSC Elective 2 C

★ Complete MUP 231.

Term hours subtotal: 15

Term 6 76 - 92 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MTC 323: Composition	3	C	<ul style="list-style-type: none"> <li>Course offered in spring semester only: MTC 433.</li> <li>Gather a list of professional references.</li> </ul>
★ MTC 433: Orchestration	3	C	
★ Upper Division MHL Course AND Upper Division Humanities, Arts and Design (HU)	3	C	
4** (400-Level) MUP Music Ensemble	1	C	
MHL OR MTC OR MUP OR MUE OR MDC OR MSC Upper Division Elective	3	C	
Literacy and Critical Inquiry (L)	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
★ Complete MUP 209 OR MUP 210.			
★ Complete MUP 232.			
Term hours subtotal:	16		

Term 7 92 - 106 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MTC 323: Composition	3	C	<ul style="list-style-type: none"> <li>Courses offered in fall semester only: MTC 425, MTC 436.</li> </ul>
MTC 425: Studies in 20th- and 21st-Century Theory	3	C	
MTC 436: Electronic Studio Techniques I	2	C	
MHL course (L) Upper Division	3	C	
Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3		
Term hours subtotal:	14		

Term 8 106 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MTC 323: Composition	3	C	<ul style="list-style-type: none"> <li>Prepare, publicize, and present a public performance.</li> </ul>
★ MTC 495: Final Project	0	Y	
MTC Upper Division Elective OR MTC 484: Internship	3	C	
Complete 3 courses: MHL OR MTC OR MUP OR MUE OR MDC OR MSC Elective	8-9	C	
Term hours subtotal:	14-15		

Hide Course List(s)/Track Group(s)

4** (400-Level) MUP Ensembles Course List	Upper Division MHL (HU) Through Present Time Course List	Upper Division MHL (HU) Course List
MUP 442: Instrumental Ensembles	MHL 342: Music History II (HU)	MHL 341: Music History I (HU)
MUP 443: Choral Ensembles	MHL 344: Music in World Cultures (HU & G)	MHL 342: Music History II (HU)
MUP 444: Maroon and Gold Concert Band	MHL 365: Popular Music and Race ((L or HU) & C)	MHL 344: Music in World Cultures (HU & G)
MUP 450: Choral Union		
MUP 455: Arizona Statesmen		

MUP 457: Sol Singers	MHL 394: Music in the Middle East	MHL 365: Popular Music and Race ((L or HU) & C)
MUP 458: ASU Gospel Choir	MHL 440: Topics in 20th-Century Music (L or HU)	MHL 394: Music in the Middle East
MUP 476: New Music Ensemble	MHL 441: Concerts in the 20th Century (HU)	MHL 440: Topics in 20th-Century Music (L or HU)
MUP 479: Baroque Ensemble	MHL 445: Music of the Silk Road (HU & G)	MHL 441: Concerts in the 20th Century (HU)
MUP 479: Bass	MHL 447: Music and Healing (HU & H & G)	MHL 445: Music of the Silk Road (HU & G)
MUP 479: Brass Chamber Ensembles	MHL 494: Music and Film	MHL 447: Music and Healing (HU & H & G)
MUP 479: Flute Choir	MHL 494: Recycled Music: Medieval to Modern	MHL 494: Music and Film
MUP 479: Guitar Ensemble		MHL 494: Recycled Music: Medieval to Modern
MUP 479: Piano Ensemble		
MUP 479: Piano/String/Woodwind/Brass		
MUP 479: Saxophone Choir		
MUP 479: Small Saxophone Ensembles		
MUP 479: Strings		
MUP 479: Trombone Ensemble		
MUP 479: Tuba Ensemble		
MUP 479: Woodwinds		
MUP 485: Percussion Ensemble		
MUP 486: Concert Jazz Band		
MUP 486: Jazz Repertory Band		
MUP 486: Latin Jazz Ensemble		
MUP 489: Ethnomusicology Ensembles		

**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.














## 2023 - 2024 Major Map

### Theory and Composition (Theory), BMUS

School/College: [Herberger Institute for Design and the Arts](#)

Location: [Tempe](#)

FAMUSTTBM

Term 1 0 - 14 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 Milestone: Music students must successfully complete an <b>entrance audition</b> into the major before enrolling at ASU.			<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. MUP 101: The ASU School of Music Experience required of all first-year students.</li> <li>Completion of Piano Diagnostic Exam determines placement into Class Piano courses.</li> <li>Applicability of transfer credit for ensemble and studio instruction is determined based on successful completion of audition and review of transcripts.</li> <li>Courses offered in fall semester only: MTC 125, MUP 101, MUP 131.</li> <li>Complete a <b>resume</b> in MUP 101.</li> </ul>
 Milestone: Music students must successfully complete the <b>music theory diagnostic exam</b> before enrolling in School of Music, Dance and Theatre courses.			
 MTC 125: Basic Music Theory	3	C	
 MUP 101: The ASU School of Music Experience	1	C	
 MUP 111: Studio Instruction	2	C	
 4** (400-Level) MUP Music Ensemble	1	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MUP 131: Class Piano	1	C	
Mathematics (MA)	3		
Term hours subtotal:	14		
Term 2 14 - 30 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 MTC 221: Music Theory: 18th Century	3	C	<ul style="list-style-type: none"> <li>Applicability of transfer credit for ensemble and studio instruction is determined based on successful completion of audition and review of transcripts.</li> <li>Courses offered in spring semester only: MTC 221, MUP 132.</li> <li>Career Milestone: Familiarize yourself with information about <b>musicians' health</b>.</li> </ul>
 MUP 111: Studio Instruction	2	C	
 4** (400-Level) MUP Music Ensemble	1	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MHL 140: Sounds and Cultures (HU & G)	3	C	
MUP 132: Class Piano	1	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		
Term 3 30 - 47 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes

❖ MTC 222: Music Theory: 19th Century	3	C
❖ MUP 111: Studio Instruction	2	C
❖ 4** (400-Level) MUP Music Ensemble	1	C
MUP 231: Class Piano	1	C
Computer/Statistics/Quantitative Applications (CS) ( MHL 201 recommended)	3	
Natural Science - Quantitative (SQ)	4	
Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3	
❖ Complete Mathematics (MA) requirement.		
❖ Complete MUP 131.		
Complete First-Year Composition requirement.		
Term hours subtotal:	17	

- Applicability of transfer credit for ensemble and studio instruction is determined based on successful completion of audition and review of transcripts.
- Courses offered in fall semester only: MTC 222, MUP 231.
- Talk to your studio instructor about ways to enhance your performance skills, and about appropriate ensemble and performance experiences.
- Select a faculty mentor to guide your degree work.

Term 4 47 - 63 Credit Hours Critical course signified by ❖	Hours	Minimum Grade	Notes
❖ MTC 223: Music Theory: 20th Century	3	C	
❖ MUP 111: Studio Instruction	2	C	
❖ 4** (400-Level) MUP Music Ensemble	1	C	
MTC 321: Tonal Counterpoint	2	C	
MUP 232: Class Piano	1	C	
MHL OR MTC OR MUP OR MUE OR MDC OR MSC Elective	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
❖ Complete MUP 132.			
Term hours subtotal:	16		

- Applicability of transfer credit for ensemble and studio instruction is determined based on successful completion of audition and review of transcripts.
- Courses offered in spring semester only: MTC 223, MTC 321 (even numbered spring semesters only), MUP 232.

Term 5 63 - 78 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division MHL Through Present Time Course AND Upper Division Humanities, Arts and Design (HU)	3	C	
MTC 320: Modal Counterpoint	2	C	
MTC 327: Intermediate Form and Analysis	3	C	
MTC 425: Studies in 20th- and 21st-Century Theory	3	C	
MUP 209: Beginning Choral Conducting OR MUP 210: Beginning Instrumental Conducting	1	C	
4** (400-Level) MUP Music Ensemble	1	C	
MTC Upper Division Elective	2-3	C	
★ Complete MUP 231.			
Term hours subtotal:	15-16		

- Complete one semester of conducting by end of Term 6; students may choose either MUP 209 or MUP 210.
- Courses offered in fall semester only: MTC 320 (odd numbered fall semesters only), MTC 327 (even numbered fall semesters only), MTC 425, MUP 210.

Term 6 78 - 92 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division MHL Course AND Upper Division Humanities, Arts and Design (HU)	3	C	
MTC 428: Advanced Form and Analysis	3	C	
4** (400-Level) MUP Music Ensemble	1	C	
MHL OR MTC OR MUP OR MUE OR MDC OR MSC Upper Division Elective	1	C	

- Courses offered in spring semester only: MTC 428 (odd numbered spring semesters only).
- Gather a list of **professional references**.
- MTC 496 may be taken in Term 6 or Term 7 instead of Term 8. Consult theory faculty to discuss advantages/disadvantages.

MTC Upper Division Elective	3	C
Literacy and Critical Inquiry (L)	3	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
★ Complete MUP 209 OR MUP 210.		
★ Complete MUP 232.		
Term hours subtotal:	14	

Term 7 92 - 106 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MHL OR MTC Upper Division Elective	3	C	• MHL 438 or MHL 440 (fall only) recommended to complete the Upper Division MHL elective and Upper Division Literacy and Critical Inquiry general studies requirement.
4** (400-Level) MUP Music Ensemble	1	C	
MHL course (L) Upper Division	3	C	
MHL OR MTC OR MUP OR MUE OR MDC OR MSC Upper Division Elective	2-3	C	
Complete 2 courses: MTC Upper Division Elective	5-6	C	
Term hours subtotal:	14-16		

Term 8 106 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MTC 496: Theory Project	3	C	• Complete a capstone project.
4** (400-Level) MUP Music Ensemble	1	C	
MTC Upper Division Elective	3	C	
Complete 2 courses: MHL OR MTC OR MUP OR MUE OR MDC OR MSC Elective	4-5	C	
Elective OR MDC 484: Internship OR MHL 484: Internship OR MSC 484: Internship OR MTC 484: Internship OR MUE 484: Internship OR MUP 484: Internship	3		
Term hours subtotal:	14-15		

Hide Course List(s)/Track Group(s)

4** (400-Level) MUP Ensembles Course List	Upper Division MHL (HU) Through Present Time Course List	Upper Division MHL (HU) Course List
MUP 442: Instrumental Ensembles	MHL 342: Music History II (HU)	MHL 341: Music History I (HU)
MUP 443: Choral Ensembles	MHL 344: Music in World Cultures (HU & G)	MHL 342: Music History II (HU)
MUP 444: Maroon and Gold Concert Band	MHL 365: Popular Music and Race ((L or HU) & C)	MHL 344: Music in World Cultures (HU & G)
MUP 450: Choral Union	MHL 394: Music in the Middle East	MHL 365: Popular Music and Race ((L or HU) & C)
MUP 455: Arizona Statesmen	MHL 440: Topics in 20th-Century Music (L or HU)	MHL 394: Music in the Middle East
MUP 457: Sol Singers	MHL 441: Concerts in the 20th Century (HU)	MHL 440: Topics in 20th-Century Music (L or HU)
MUP 458: ASU Gospel Choir	MHL 445: Music of the Silk Road (HU & G)	MHL 441: Concerts in the 20th Century (HU)
MUP 476: New Music Ensemble	MHL 447: Music and Healing (HU & H & G)	MHL 445: Music of the Silk Road (HU & G)
MUP 479: Baroque Ensemble		MHL 447: Music and Healing (HU & H & G)
MUP 479: Bass		



MUP 479: Brass Chamber Ensembles	MHL 494: Music and Film	MHL 494: Music and Film
MUP 479: Clarinet Choir	MHL 494: Recycled Music: Medieval to Modern	MHL 494: Recycled Music: Medieval to Modern
MUP 479: Flute Choir		
MUP 479: Guitar Ensemble		
MUP 479: Piano Ensemble		
MUP 479: Piano/String/Woodwind/Brass		
MUP 479: Saxophone Choir		
MUP 479: Small Saxophone Ensembles		
MUP 479: Strings		
MUP 479: Trombone Ensemble		
MUP 479: Tuba Ensemble		
MUP 479: Woodwinds		
MUP 485: Percussion Ensemble		
MUP 486: Concert Jazz Band		
MUP 486: Jazz Repertory Band		
MUP 486: Latin Jazz Ensemble		
MUP 489: Ethnomusicology Ensembles		

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.










## 2023 - 2024 Major Map

### Aeronautical Management Technology (Air Traffic Management), BS




School/College: [Ira A. Fulton Schools of Engineering](#)



Location: [Polytechnic](#)




ESAMTATBS

Term 1 0 - 13 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 AMT 182: Private Pilot Ground School	3	C	<ul style="list-style-type: none"> <li>ASU 101 is required of all first-year students.</li> <li>Prep for success using the <a href="#">First-Year Student Guide</a>.</li> <li>Join a <a href="#">Fulton community</a>.</li> </ul>
 ASU 101-TPS: The ASU Experience	1		
AMT 220: Aviation Meteorology	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 170: Precalculus (MA)	3	C	
Term hours subtotal:	13		
Term 2 13 - 29 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 AMT 201: Air Traffic Control	3	C	<ul style="list-style-type: none"> <li>Please note that both PHY 111 and PHY 113 must be taken to secure SQ General Studies credit.</li> <li>Create a <a href="#">Handshake</a> profile.</li> <li>Get involved with EPICS, the Generator Labs, and the <a href="#">Fulton Start-Up Center</a>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
HSE 101: Introduction to Human Systems Engineering (SB) OR PSY 101: Introduction to Psychology (SB)	3	C	
PHY 111: General Physics (SQ)	3	C	
PHY 113: General Physics Laboratory (SQ)	1	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		
Term 3 29 - 43 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ATC 230: Fundamentals of Air Traffic Management	3	C	<ul style="list-style-type: none"> <li>Please note that both PHY 112 and PHY 114 must be taken to secure SQ General Studies credit.</li> </ul>
AMT 222: Instrument Pilot Ground School	3	C	
AMT 280: Aerospace Structures, Materials and Systems	4	C	
PHY 112: General Physics (SQ)	3		
PHY 114: General Physics Laboratory (SQ)	1		
 Complete MAT 170 course(s). Complete Mathematics (MA) requirement.			



Term hours subtotal: 14

Term 4 43 - 59 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 AMT 214: Commercial Pilot Ground School	3	C	<ul style="list-style-type: none"> <li>• Pursue an undergraduate research experience.</li> <li>• Apply for internships.</li> <li>• Attend career fairs and events.</li> </ul>
AMT 287: Aircraft Powerplants	4	C	
HSE 230: Statistics for Human Systems Research I (CS) OR PSY 230: Introduction to Statistics (CS) OR STP 226: Elements of Statistics (CS)	3		
Literacy and Critical Inquiry (L)	3		
Social-Behavioral Sciences (SB)	3		
 Complete AMT 222 course(s).			
Term hours subtotal:	16		

Term 5 59 - 75 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
 AMT 360: Aircraft Dispatch Ground School	3	C	<ul style="list-style-type: none"> <li>• Network at student organization competitions or professional societies.</li> </ul>
AMT 308: Air Transportation (G)	3	C	
AMT 350: Aircraft Design and Logistics Management	4	C	
ATC 331: Tower Operations	3	C	
Upper Division Social-Behavioral Sciences (SB) OR Upper Division Humanities, Arts and Design (HU) AND Historical Awareness (H) (HST 319 recommended)	3		
Term hours subtotal:	16		

Term 6 75 - 91 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
 AMT 460: Aircraft Dispatch Capstone	3	C	<ul style="list-style-type: none"> <li>• Research and prepare for graduate school.</li> <li>• Apply for a Fulton Schools 4+1 program.</li> <li>• Develop a professional profile online.</li> </ul>
AMT 396: Aviation Professional	1	C	
AMT 408: National Aviation Policy	3	C	
AMT 442: Aviation Law and Regulations	3	C	
ATC 332: TRACON Operations	3	C	
ATC 431: Tower Operations and Procedures	3	C	
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	16		

Term 7 91 - 106 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
 ATC 333: En Route Operations	3	C	<ul style="list-style-type: none"> <li>• Plan for success using the Senior Guide.</li> <li>• Use Handshake to apply for full-time positions.</li> <li>• Complete an in person or virtual practice interview.</li> </ul>
AMT 410: Aviation Safety and Human Factors	3	C	
ATC 432: TRACON Operations and Procedures	3	C	
ATC 484: Internship	3	C	
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	15		

Term 8 106 - 120 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
 ATC 491: Air Traffic Management Capstone	3	C	
AMT 444: Airport Management and Planning	3	C	
ATC 433: En Route Operations and Procedures	3	C	

Upper Division Literacy and Critical Inquiry (L)	3
Elective	2
Term hours subtotal:	14

Hide Course List(s)/Track Group(s)

**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.










## 2023 - 2024 Major Map

### Aeronautical Management Technology (Air Transportation Management), BS

School/College: [Ira A. Fulton Schools of Engineering](#)



Location: [Polytechnic](#)



TSAMTMBS




Term 1 0 - 13 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 AMT 182: Private Pilot Ground School	3	C	<ul style="list-style-type: none"> <li>ASU 101 is required of all first-year students.</li> <li>Prep for success using the <a href="#">First-Year Student Guide</a>.</li> <li>Join a <a href="#">Fulton community</a>.</li> <li>Explore <a href="#">engineering and technical professions</a>.</li> </ul>
 ASU 101-TPS: The ASU Experience	1		
AMT 220: Aviation Meteorology	3	C	
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
MAT 170: Precalculus (MA)	3	C	
Term hours subtotal:	13		
Term 2 13 - 29 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 HSE 101: Introduction to Human Systems Engineering (SB) OR PSY 101: Introduction to Psychology (SB)	3	C	<ul style="list-style-type: none"> <li>Please note that both PHY 111 and PHY 113 must be taken to secure SQ General Studies credit.</li> <li>Create a <a href="#">Handshake</a> profile.</li> <li>Get involved with EPICS, the Generator Labs, and the <a href="#">Fulton Start-Up Center</a>.</li> </ul>
AMT 201: Air Traffic Control	3	C	
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
PHY 111: General Physics (SQ)	3	C	
PHY 113: General Physics Laboratory (SQ)	1	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		
Term 3 29 - 43 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 TMC 110: Understanding the Enterprise	3	C	<ul style="list-style-type: none"> <li>Please note that both PHY 112 and PHY 114 must be taken to secure SQ General Studies credit.</li> <li>Prep for success using the <a href="#">Sophomore Guide</a>.</li> </ul>
AMT 280: Aerospace Structures, Materials and Systems	4	C	
PHY 112: General Physics (SQ)	3		
PHY 114: General Physics Laboratory (SQ)	1		
Social-Behavioral Sciences (SB)	3		
 Complete MAT 170 course(s).			



Complete Mathematics (MA) requirement.

Term hours subtotal: 14

Term 4 43 - 58 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 HSE 230: Statistics for Human Systems Research I (CS) OR PSY 230: Introduction to Statistics (CS) OR STP 226: Elements of Statistics (CS)	3	C	<ul style="list-style-type: none"> <li>Pursue an <b>undergraduate research experience</b>.</li> <li>Apply for <b>internships</b>.</li> <li>Attend <b>career fairs and events</b>.</li> </ul>
AMT 287: Aircraft Powerplants	4	C	
Literacy and Critical Inquiry (L)	3		
Complete 2 courses: Elective	5		
Term hours subtotal:	15		

Term 5 58 - 74 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 TMC 330: Leading the Enterprise	3	C	<ul style="list-style-type: none"> <li>Plan for success using the <b>Junior Guide</b>.</li> <li>Network at <b>student organization</b> competitions or professional societies.</li> </ul>
AMT 308: Air Transportation (G)	3	C	
AMT 350: Aircraft Design and Logistics Management	4	C	
AMT 442: Aviation Law and Regulations	3	C	
Upper Division Social-Behavioral Sciences (SB) OR Upper Division Humanities, Arts and Design (HU) AND Historical Awareness (H) (HST 319 recommended)	3		
Term hours subtotal:	16		

Term 6 74 - 90 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 TMC 310: Promotion of the Enterprise	3	C	<ul style="list-style-type: none"> <li>Research and prepare for <b>graduate school</b>.</li> <li>Apply for a <b>Fulton Schools 4+1 program</b>.</li> <li>Develop a <b>professional profile online</b>.</li> </ul>
AMT 396: Aviation Professional	1	C	
TMC 410: Enterprise Operations	3		
Upper Division Literacy and Critical Inquiry (L)	3		
Humanities, Arts and Design (HU)	3		
Elective	3		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	16		

Term 7 90 - 105 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 AMT 408: National Aviation Policy	3	C	<ul style="list-style-type: none"> <li>Plan for success using the <b>Senior Guide</b>.</li> <li>Use <b>Handshake</b> to apply for full-time positions.</li> <li>Complete an in-person or virtual <b>practice interview</b>.</li> </ul>
AMT 410: Aviation Safety and Human Factors	3	C	
AMT 444: Airport Management and Planning	3	C	
OMT 343: Occupational Safety and Ergonomics OR OMT 430: Ethical Issues in Technology OR OMT 440: International Business (G) OR OMT 452: Industrial Human Resource Management OR OMT 480: Organizational Effectiveness	3		
TMC 430: Enterprise Strategy and Innovation	3		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 AMT 491: Aviation Management Capstone	3	C	
AMT 456: Organized Labor in Aviation	3	C	

AMT 484: Internship	3	C
AMT 489: Airline Administration	3	C
TMC 470: Enterprise Planning and Implementation	3	
Term hours subtotal:	15	

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.













## 2023 - 2024 Major Map

### Aeronautical Management Technology (Professional Flight), BS

School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Polytechnic](#)

TSAMTFBS

Term 1 0 - 14 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes	
 AMT 182: Private Pilot Ground School	3	C	<ul style="list-style-type: none"> <li>• Complete <b>Professional Flight Secondary Application</b>.</li> <li>• ASU 101 is required of all first-year students.</li> <li>• Prep for success using the <b>First-Year Student Guide</b>.</li> <li>• Join a <b>Fulton community</b>.</li> <li>• Explore <b>engineering and technical professions</b>.</li> </ul>	
 AMT 220: Aviation Meteorology	3	C		
 ASU 101-TPS: The ASU Experience	1			
AMT 105: Flight Operations and Safety I	1	C		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C		
MAT 170: Precalculus (MA)	3	C		
 Milestone: Complete secondary admission materials.				
Term hours subtotal:	14			
Term 2 14 - 28 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade		Notes
 HSE 101: Introduction to Human Systems Engineering (SB) OR PSY 101: Introduction to Psychology (SB)	3	C		<ul style="list-style-type: none"> <li>• Please note that both PHY 111 and PHY 113 must be taken to secure SQ General Studies credit.</li> <li>• Professional Flight students are encouraged to continue to progress in flight courses over the summer session.</li> <li>• Create a <b>Handshake</b> profile.</li> <li>• Get involved with EPICS, the Generator Labs, and the <b>Fulton Start-Up Center</b>.</li> </ul>
AMT 110: Flight Operations and Safety II	1	C		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C		
PHY 111: General Physics (SQ)	3	C		
PHY 113: General Physics Laboratory (SQ)	1	C		
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3			
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).				
Term hours subtotal:	14			
Term 3 28 - 43 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes	
 AMT 222: Instrument Pilot Ground School	3	C	<ul style="list-style-type: none"> <li>• Please note that both PHY 112 and PHY 114 must be taken to secure SQ General Studies credit.</li> <li>• Prep for success using the <b>Sophomore Guide</b>.</li> </ul>	
AMT 150: Flight Operations and Safety III	1	C		
AMT 201: Air Traffic Control	3	C		
AMT 280: Aerospace Structures, Materials and Systems	4	C		
PHY 112: General Physics (SQ)	3			

PHY 114: General Physics Laboratory (SQ) 1

❖ Complete MAT 170 course(s).

Complete Mathematics (MA) requirement.

Term hours subtotal: 15

Term 4 43 - 55 Credit Hours Critical course signified by ❖	Hours	Minimum Grade	Notes
❖ AMT 214: Commercial Pilot Ground School	3	C	<ul style="list-style-type: none"><li>Professional Flight students are encouraged to continue to progress in flight courses over the summer session.</li><li>Pursue an undergraduate research experience.</li><li>Apply for internships.</li><li>Attend career fairs and events.</li></ul>
AMT 205: Flight Operations and Safety IV	1	C	
AMT 286: Multiengine Pilot Ground School	1	C	
AMT 287: Aircraft Powerplants	4	C	
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	12		

Term 5 55 - 72 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ AMT 308: Air Transportation (G)	3	C	<ul style="list-style-type: none"><li>Plan for success using the Junior Guide.</li><li>Network at student organization competitions or professional societies.</li></ul>
AMT 210: Flight Operations and Safety V	1	C	
AMT 285: Flight Instructor Ground School	3	C	
AMT 350: Aircraft Design and Logistics Management	4	C	
HSE 230: Statistics for Human Systems Research I (CS) OR PSY 230: Introduction to Statistics (CS) OR STP 226: Elements of Statistics (CS)	3		
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) AND Historical Awareness (H) (HST 319 recommended)	3		
Term hours subtotal:	17		

Term 6 72 - 86 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ AMT 382: Air Navigation	3	C	<ul style="list-style-type: none"><li>Professional Flight students are encouraged to continue to progress in flight courses over the summer session.</li><li>Research and prepare for graduate school.</li><li>Apply for a Fulton Schools 4+1 program.</li><li>Develop a professional profile online.</li></ul>
AMT 250: Flight Operations and Safety VI	1	C	
AMT 292: Flight Instructor Instrument Ground School	3	C	
AMT 396: Aviation Professional	1	C	
AMT 442: Aviation Law and Regulations	3	C	
AMT 444: Airport Management and Planning	3	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	14		

Term 7 86 - 102 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ AMT 482: Airline Instrument Procedures	3	C	<ul style="list-style-type: none"><li>Plan for success using the Senior Guide.</li><li>Use Handshake to apply for full-time positions.</li><li>Complete an in person or virtual practice interview.</li></ul>
★ AMT 486: Regional Jet Aircraft Systems	3	C	
AMT 305: Flight Operations and Safety VII	1	C	
AMT 360: Aircraft Dispatch Ground School	3	C	
AMT 408: National Aviation Policy	3	C	
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	16		

Term 8 102 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ AMT 490: Regional Jet Operations Capstone	3	C	
AMT 410: Aviation Safety and Human Factors	3	C	
AMT 484: Internship	2	C	
AMT 489: Airline Administration	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Social-Behavioral Sciences (SB)	3		
Elective ( AMT 310 recommended)	1		
Term hours subtotal:	18		

Hide Course List(s)/Track Group(s)

**Notes:**

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- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.










## 2023 - 2024 Major Map

### Aeronautical Management Technology (Unmanned Aerial Systems), BS



School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Polytechnic](#)




TSAMTUASBS



Term 1 0 - 13 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 AMT 182: Private Pilot Ground School	3	C	<ul style="list-style-type: none"> <li>ASU 101 is required of all first-year students.</li> <li>Prep for success using the <a href="#">First-Year Student Guide</a>.</li> <li>Join a <a href="#">Fulton community</a>.</li> <li>Explore <a href="#">engineering and technical professions</a>.</li> </ul>
 ASU 101-TPS: The ASU Experience	1		
AMT 220: Aviation Meteorology	3	C	
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
MAT 170: Precalculus (MA)	3	C	
Term hours subtotal:	13		
Term 2 13 - 29 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 AMT 170: Introduction to Unmanned Aircraft Systems	3	C	<ul style="list-style-type: none"> <li>Please note that both PHY 111 and PHY 113 must be taken to secure SQ General Studies credit.</li> <li>Create a <a href="#">Handshake</a> profile.</li> <li>Get involved with EPICS, the Generator Labs, and the <a href="#">Fulton Start-Up Center</a>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
HSE 101: Introduction to Human Systems Engineering (SB) OR PSY 101: Introduction to Psychology (SB)	3	C	
PHY 111: General Physics (SQ)	3	C	
PHY 113: General Physics Laboratory (SQ)	1	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		
Term 3 29 - 43 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 AMT 270: Unmanned Aircraft	3	C	<ul style="list-style-type: none"> <li>Please note that both PHY 112 and PHY 114 must be taken to secure SQ General Studies credit.</li> <li>Prep for success using the <a href="#">Sophomore Guide</a>.</li> </ul>
AMT 280: Aerospace Structures, Materials and Systems	4	C	
PHY 112: General Physics (SQ)	3		
PHY 114: General Physics Laboratory (SQ)	1		
Social-Behavioral Sciences (SB)	3		
 Complete MAT 170 course(s).			
Complete Mathematics (MA) requirement.			


Term hours subtotal: 14

Term 4 43 - 59 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 AMT 201: Air Traffic Control	3	C	<ul style="list-style-type: none"> <li>• Pursue an undergraduate research experience.</li> <li>• Apply for internships.</li> <li>• Attend career fairs and events.</li> </ul>
AMT 287: Aircraft Powerplants	4	C	
HSE 230: Statistics for Human Systems Research I (CS) OR PSY 230: Introduction to Statistics (CS) OR STP 226: Elements of Statistics (CS)	3		
Literacy and Critical Inquiry (L)	3		
Elective	3		
Term hours subtotal:	16		

Term 5 59 - 75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 AMT 308: Air Transportation (G)	3	C	<ul style="list-style-type: none"> <li>• Plan for success using the <b>Junior Guide</b>.</li> <li>• Network at student organization competitions or professional societies.</li> </ul>
AMT 350: Aircraft Design and Logistics Management	4	C	
Humanities, Arts and Design (HU)	3		
Complete 2 courses:	6		
Elective			
Term hours subtotal:	16		

Term 6 75 - 91 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 AMT 370: Unmanned Aircraft Systems	3	C	<ul style="list-style-type: none"> <li>• Research and prepare for graduate school.</li> <li>• Apply for a <b>Fulton Schools 4+1</b> program.</li> <li>• Develop a professional profile online.</li> </ul>
AMT 396: Aviation Professional	1	C	
AMT 442: Aviation Law and Regulations	3	C	
AMT 444: Airport Management and Planning	3	C	
Upper Division Social-Behavioral Sciences (SB) OR Upper Division Humanities, Arts and Design (HU) AND Historical Awareness (H) (HST 319 recommended)	3		
Elective	3		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	16		

Term 7 91 - 104 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 AMT 470: Unmanned Aircraft Payloads, Sensors, and Control Stations	3	C	<ul style="list-style-type: none"> <li>• Plan for success using the <b>Senior Guide</b>.</li> <li>• Use <b>Handshake</b> to apply for full-time positions.</li> <li>• Complete an in person or virtual <b>practice interview</b>.</li> </ul>
AMT 408: National Aviation Policy	3	C	
AMT 456: Organized Labor in Aviation	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Upper Division Elective ( EDP 310 recommended)	1		
Term hours subtotal:	13		

Term 8 104 - 120 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 AMT 495: Unmanned Aircraft Systems Operations	3	C	
AMT 410: Aviation Safety and Human Factors	3	C	
AMT 484: Internship	3	C	
AMT 489: Airline Administration	3	C	

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 Term hours subtotal: 16

## Hide Course List(s)/Track Group(s)

**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120**Upper Division Hours:** 45 minimum**Major GPA:** 2.00 minimum**Cumulative GPA:** 2.00 minimum**Total hrs at ASU:** 30 minimum**Hrs Resident Credit for****Academic Recognition:** 56 minimum**Total Community College Hrs:** 64 maximum**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.











## 2023 - 2024 Major Map

### Aerospace Engineering (Aeronautics), BSE

School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Tempe](#)

ESAEROBSE

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes	
 MAT 265: Calculus for Engineers I (MA)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>FSE 100 required for first-year students and should be completed in the first semester. Non-first-year students: see advisor for petitioning replacement electives.</li> <li>If ENG 105 is taken, a three hour applicable elective must also be taken prior to graduation. See advisor.</li> <li>Prep for success using the <a href="#">First-Year Student Guide</a>.</li> <li>Join a <a href="#">Fulton community</a>.</li> <li>Explore <a href="#">engineering and technical professions</a>.</li> </ul>	
ASU 101-AEE: The ASU Experience	1			
CHM 114: General Chemistry for Engineers (SQ) OR CHM 116: General Chemistry II (SQ)	4	C		
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C		
FSE 100: Introduction to Engineering	2	C		
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3			
 Minimum 2.00 GPA ASU Cumulative.				
Term hours subtotal:	16			
<hr/>				
Term 2 16 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade		Notes
 MAT 242: Elementary Linear Algebra	2	C	<ul style="list-style-type: none"> <li>Create a <a href="#">Handshake</a> profile.</li> <li>Get involved with EPICS, the Generator Labs, and the <a href="#">Fulton Start-Up Center</a>.</li> </ul>	
 MAT 266: Calculus for Engineers II (MA)	3	C		
 PHY 121: University Physics I: Mechanics (SQ)	3	C		
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C		
MAE 215: Introduction to Programming in MATLAB	1	C		
PHY 122: University Physics Laboratory I (SQ)	1	C		
Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3			
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).				
 Minimum 2.00 GPA ASU Cumulative.				
Term hours subtotal:	16			
<hr/>				
Term 3 32 - 46 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes	

MAE 201: Mechanics of Particles and Rigid Bodies I: Statics	3	C
MAT 267: Calculus for Engineers III (MA)	3	C
MAT 275: Modern Differential Equations (MA)	3	C
PHY 131: University Physics II: Electricity and Magnetism (SQ)	3	C
MAE 214: Computer-Aided Engineering I	1	C
PHY 132: University Physics Laboratory II (SQ)	1	C
Complete CHM 114 OR CHM 116 course(s).		
Complete First-Year Composition requirement.		
Minimum 2.00 GPA ASU Cumulative.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	14	

- Prep for success using the [Sophomore Guide](#).

Term 4 46 - 62 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
MAE 202: Mechanics of Particles and Rigid Bodies II: Dynamics	3	C	<ul style="list-style-type: none"> <li>• Pursue an <a href="#">undergraduate research experience</a>.</li> <li>• Apply for <a href="#">internships</a>.</li> <li>• Attend <a href="#">career fairs and events</a>.</li> </ul>
MAE 213: Mechanics of Materials	3	C	
MAE 242: Introduction to Fluid Mechanics	3	C	
EEE 202: Circuits I	4	C	
MAE 384: Advanced Mathematical Methods for Engineers (CS)	3	C	
Term hours subtotal:	16		

Term 5 62 - 76 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
AEE 360: Aerodynamics (L)	3	C	<ul style="list-style-type: none"> <li>• AEE 360, AEE 361 and AEE 362 must all be taken to secure Literacy and Critical Inquiry (L) General Studies credit.</li> <li>• Plan for success using the <a href="#">Junior Guide</a>.</li> <li>• Network at <a href="#">student organization</a> competitions or professional societies.</li> </ul>
AEE 361: Aerodynamics Laboratory (L)	1	C	
MAE 241: Introduction to Thermodynamics	3	C	
MAE 301: Applied Experimental Statistics	3	C	
MAE 318: System Dynamics and Control I	4	C	
Term hours subtotal:	14		



Term 6 76 - 93 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
AEE 313: Aircraft Dynamics and Control	3	C	<ul style="list-style-type: none"> <li>• AEE 360, AEE 361 and AEE 362 must all be taken to secure Literacy and Critical Inquiry (L) General Studies credit.</li> <li>• Research and prepare for <a href="#">graduate school</a>.</li> <li>• Apply for an <a href="#">engineering 4+1 program</a>.</li> <li>• Develop a <a href="#">professional profile online</a>.</li> </ul>
AEE 325: Aerospace Structures and Materials	4	C	
AEE 344: Fundamentals of Aircraft Design	3	C	
AEE 362: High-Speed Aerodynamics (L)	4	C	
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	17		

Term 7 93 - 108 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
AEE 463: Aircraft Propulsion	3	C	<ul style="list-style-type: none"> <li>• For additional information about Upper Division Technical Elective course options, please visit: <a href="#">Upper Division Technical Electives</a></li> </ul>
AEE 415: Vibration Analysis	3	C	
MAE 400: Engineering Profession (L)	3	C	



Upper Division Technical Elective	3	C
Humanities, Arts and Design (HU)	3	
Term hours subtotal:	15	

- Plan for success using the [Senior Guide](#).
- Use [Handshake](#) to apply for full-time positions.
- Complete an in person or virtual [practice interview](#).

Term 8 108 - 120 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
 AEE 468: Aircraft Systems Design	3	C	• For additional information about Upper Division Technical Electives, please visit: <a href="#">Upper Division Technical Electives</a>
AEE 462: Space Vehicle Dynamics and Control	3	C	
Upper Division Technical Elective	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	12		

- For additional information about Upper Division Technical Elective options, please visit: [Upper Division Technical Electives](#).

Hide Course List(s)/Track Group(s)

Upper Division Technical Electives
AEE 426: Design of Aerospace Structures
AEE 465: Rocket Propulsion
AEE 466: Rotary Wing Aerodynamics and Performance
AEE 471: Computational Fluid Dynamics
BME 467: Tissue Engineering and Regenerative Medicine
BME 494: Wearable Devices for Sport, Health, and Wellness
EEE 350: Random Signal Analysis
EEE 407: Digital Signal Processing
EEE 480: Feedback Systems
EEE 481: Computer-Controlled Systems
EEE 498: Foundations Machine Learning: From Theory to Pract
MAE 341: Mechanism Analysis and Design
MAE 404: Finite Elements in Engineering
MAE 417: System Dynamics and Control II
MAE 436: Combustion
MAE 451: Applied Machine Learning for Mechanical and Aerospace Engineers
MAE 455: Polymers and Composites

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MAE 460: Applied Computational Fluid Dynamics

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MAE 494: Design Optimization

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MAE 494: Quantum Mech Eng: SW and HW of Quantum Computers or MSE 494: Quantum Mech Eng: SW and HW of Quantum Computers

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MAE 494: Theories and Techniques of Direct CAD Modeling

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MEE 323: Computer-Aided Engineering II

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MEE 340: Heat Transfer

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MEE 351: Manufacturing Processes

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MEE 434: Internal Combustion Engines

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MEE 440: Renewable Energy: Mechanical Systems

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MEE 441: Wind Energy

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MEE 472: Intermediate Fluid Mechanics

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MEE 482: Intermediate Thermodynamics

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SES 494: Modeling and Analysis of Space Thermal Systems

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Students may choose no more than one course from the following:

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AST 321: Introduction to Planetary and Stellar Astrophysics

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AST 322: Introduction to Galactic and Extragalactic Astrophysics

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BME 350: Signals and Systems for Bioengineers

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CEE 440: Hydrology

---

CHE 468: Polymer Principles and Processing

---

CHE 478: Biomass Energy Conversion Technology

---

CHE 494: Six Sigma Methodology/Engineering Experimentation

---

CHM 325: Analytical Chemistry

---

EEE 304: Signals and Systems II

---

EEE 333: Hardware Design Languages and Programmable Logic

---

EEE 334: Circuits II

---

EGR 317: Humanitarian Engineering Project II

---

EGR 433: Transforms and Systems Modeling

---

FSE 301: Entrepreneurship and Value Creation

FSE 394: Engineering in Global Context

FSE 404: EPICS Gold: EPICS in Action

IEE 300: Economic Analysis for Engineers

MAT 300: Mathematical Structures (L)

MAT 371: Advanced Calculus I

MAT 420: Scientific Computing

MAT 421: Applied Computational Methods  
(CS)

MAT 423: Numerical Analysis I (CS)

MAT 425: Numerical Analysis II (CS)

MAT 451: Mathematical Modeling (CS)

MSE 330: Thermodynamics of Materials

PHY 310: Classical Particles, Fields, and  
Matter I

PHY 361: Introductory Modern Physics

SES 311: Essentials of Astrobiology:  
Exploration for Life in the Universe

SES 350: Engineering Systems and  
Experimental Problem Solving

SES 405: Exploration Systems Engineering

SES 407: Space Works II: Model, Fabricate,  
Test

SES 410: Senior Exploration Project I

By approval only:

MAE 484: Internship

MAE 492: Honors Directed Study

MAE 493: Honors Thesis (L)

MAE 499: Individualized Instruction

\*Students who do not meet the enrollment requirements for these courses may be allowed to enroll with instructor consent. Courses not listed here require a program petition prior to enrollment. Please check with your advisor.

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.












## 2023 - 2024 Major Map

### Aerospace Engineering (Astronautics), BSE

School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Tempe](#)

ESAEASBSE

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 265: Calculus for Engineers I (MA)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>FSE 100 required for first-year students and should be completed in the first semester.</li> <li>If ENG 105 is taken, a three hour applicable elective must also be taken prior to graduation. See advisor.</li> <li>Prep for success using the <a href="#">First-Year Student Guide</a>.</li> <li>Join a <a href="#">Fulton community</a>.</li> <li>Explore <a href="#">engineering and technical professions</a>.</li> </ul>
ASU 101-AEE: The ASU Experience	1		
CHM 114: General Chemistry for Engineers (SQ) OR CHM 116: General Chemistry II (SQ)	4	C	
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
FSE 100: Introduction to Engineering OR SES 100: Introduction to Exploration (CS)	2-3	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16-17		
Term 2 16 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 242: Elementary Linear Algebra	2	C	<ul style="list-style-type: none"> <li>Create a <a href="#">Handshake</a> profile.</li> <li>Get involved with EPICS, the Generator Labs, and the <a href="#">Fulton Start-Up Center</a>.</li> </ul>
 MAT 266: Calculus for Engineers II (MA)	3	C	
 PHY 121: University Physics I: Mechanics (SQ)	3	C	
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
MAE 215: Introduction to Programming in MATLAB	1	C	
PHY 122: University Physics Laboratory I (SQ)	1	C	
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		
Term 3 32 - 46 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAE 201: Mechanics of Particles and Rigid Bodies I: Statics	3	C	

⚠ MAT 267: Calculus for Engineers III (MA)	3	C
⚠ MAT 275: Modern Differential Equations (MA)	3	C
⚠ PHY 131: University Physics II: Electricity and Magnetism (SQ)	3	C
MAE 214: Computer-Aided Engineering I	1	C
PHY 132: University Physics Laboratory II (SQ)	1	C
⚠ Complete CHM 114 OR CHM 116 course(s).		
⚠ Complete First-Year Composition requirement.		
⚠ Minimum 2.00 GPA ASU Cumulative.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	14	

- Prep for success using the [Sophomore Guide](#).

Term 4 46 - 62 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
⚠ MAE 202: Mechanics of Particles and Rigid Bodies II: Dynamics	3	C	<ul style="list-style-type: none"> <li>• Pursue an <a href="#">undergraduate research experience</a>.</li> <li>• Apply for <a href="#">internships</a>.</li> <li>• Attend <a href="#">career fairs and events</a>.</li> </ul>
⚠ MAE 213: Mechanics of Materials	3	C	
⚠ MAE 242: Introduction to Fluid Mechanics	3	C	
EEE 202: Circuits I	4	C	
MAE 384: Advanced Mathematical Methods for Engineers (CS)	3	C	
Term hours subtotal:	16		

Term 5 62 - 79 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ AEE 360: Aerodynamics (L)	3	C	<ul style="list-style-type: none"> <li>• AEE 360, AEE 361 and AEE 362 must all be taken to secure Literacy and Critical Inquiry (L) General Studies credit.</li> <li>• Plan for success using the <a href="#">Junior Guide</a>.</li> <li>• Network at <a href="#">student organization</a> competitions or professional societies.</li> </ul>
★ AEE 361: Aerodynamics Laboratory (L)	1	C	
★ MAE 241: Introduction to Thermodynamics	3	C	
★ MAE 301: Applied Experimental Statistics	3	C	
★ MAE 318: System Dynamics and Control I	4	C	
EEE 203: Signals and Systems I	3	C	
Term hours subtotal:	17		

Term 6 79 - 93 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ AEE 325: Aerospace Structures and Materials	4	C	<ul style="list-style-type: none"> <li>• AEE 360, AEE 361 and AEE 362 must all be taken to secure Literacy and Critical Inquiry (L) General Studies credit.</li> <li>• Research and prepare for <a href="#">graduate school</a>.</li> <li>• Apply for an <a href="#">engineering 4+1 program</a>.</li> <li>• Develop a <a href="#">professional profile online</a>.</li> </ul>
★ AEE 362: High-Speed Aerodynamics (L)	4	C	
★ AEE 462: Space Vehicle Dynamics and Control	3	C	
EEE 350: Random Signal Analysis	3	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	14		

Term 7 93 - 108 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ AEE 445: Fundamentals of Spacecraft Design	3	C	<ul style="list-style-type: none"> <li>• Plan for success using the <a href="#">Senior Guide</a>.</li> <li>• Use <a href="#">Handshake</a> to apply for full-time positions.</li> <li>• Complete an in-person or virtual <a href="#">practice interview</a>.</li> </ul>
★ AEE 465: Rocket Propulsion	3	C	
EEE 455: Communication Systems OR EEE 459: Communication Networks	3	C	
MAE 400: Engineering Profession (L)	3	C	

Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3
Term hours subtotal:	15

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ AEE 480: Space Systems Design	3	C	<ul style="list-style-type: none"> <li>For more information about Technical Electives, please visit: <a href="#">Upper Division Technical Electives</a>.</li> </ul>
Upper Division Technical Elective	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	12		

- For more information about Upper Division Technical Elective options, please visit: [Upper Division Technical Electives](#).

Hide Course List(s)/Track Group(s)

Upper Division Technical Elective
AEE 313: Aircraft Dynamics and Control
AEE 344: Fundamentals of Aircraft Design
AEE 415: Vibration Analysis
AEE 426: Design of Aerospace Structures
AEE 463: Aircraft Propulsion
AEE 466: Rotary Wing Aerodynamics and Performance
AEE 471: Computational Fluid Dynamics
AST 321: Introduction to Planetary and Stellar Astrophysics
AST 322: Introduction to Galactic and Extragalactic Astrophysics
BME 467: Tissue Engineering and Regenerative Medicine
BME 494: Wearable Devices for Sport, Health, and Wellness
CHE 468: Polymer Principles and Processing
CHE 478: Biomass Energy Conversion Technology
CHE 494: Quantum Mechanical Simulations of Chemical Process or MSE 494: Quantum Mechanical Simulations of Chemical Process
CHE 494: Six Sigma Methodology/Engineering Experimentation
CHM 325: Analytical Chemistry
EEE 304: Signals and Systems II

EEE 333: Hardware Design Languages and Programmable Logic

EEE 334: Circuits II

EEE 407: Digital Signal Processing

EEE 480: Feedback Systems

EEE 481: Computer-Controlled Systems

EEE 498: Foundations Machine Learning: From Theory to Pract

EGR 317: Humanitarian Engineering Project II

EGR 433: Transforms and Systems Modeling

FSE 301: Entrepreneurship and Value Creation

FSE 394: Engineering in Global Context

FSE 404: EPICS Gold: EPICS in Action

GLG 404: Fundamentals of Planetary Geology

IEE 300: Economic Analysis for Engineers

MAE 341: Mechanism Analysis and Design

MAE 404: Finite Elements in Engineering

MAE 417: System Dynamics and Control II

MAE 436: Combustion

MAE 451: Applied Machine Learning for Mechanical and Aerospace Engineers

MAE 455: Polymers and Composites

MAE 460: Applied Computational Fluid Dynamics

MAE 494: Design Optimization

MAE 494: Energy Efficiency

MAE 494: Theories and Techniques of Direct CAD Modeling

MAT 300: Mathematical Structures (L)

MAT 371: Advanced Calculus I

MAT 420: Scientific Computing

MAT 421: Applied Computational Methods (CS)

MAT 423: Numerical Analysis I (CS)

MAT 425: Numerical Analysis II (CS)

MAT 451: Mathematical Modeling (CS)

MEE 323: Computer-Aided Engineering II

MEE 340: Heat Transfer



MEE 351: Manufacturing Processes

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MEE 434: Internal Combustion Engines

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MEE 440: Renewable Energy: Mechanical Systems

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MEE 441: Wind Energy

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MEE 472: Intermediate Fluid Mechanics

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MEE 482: Intermediate Thermodynamics

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MSE 330: Thermodynamics of Materials

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MSE 494: Quantum Mech Eng: SW and HW of Quantum Computers or MAE 494: Quantum Mech Eng: SW and HW of Quantum Computers

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PHY 310: Classical Particles, Fields, and Matter I

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PHY 361: Introductory Modern Physics

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SES 311: Essentials of Astrobiology: Exploration for Life in the Universe

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SES 350: Engineering Systems and Experimental Problem Solving

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SES 405: Exploration Systems Engineering

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SES 407: Space Works II: Model, Fabricate, Test

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SES 410: Senior Exploration Project I

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SES 494: Modeling and Analysis of Space Thermal Systems

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By approval only:

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MAE 484: Internship

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MAE 492: Honors Directed Study

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MAE 493: Honors Thesis (L)

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MAE 499: Individualized Instruction

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\*Students who do not meet the enrollment requirements for these courses may be allowed to enroll with instructor consent. Courses not listed here require a program petition prior to enrollment. Please check with your advisor.

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**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.




## 2023 - 2024 Major Map







### Aerospace Engineering (Autonomous Vehicle Systems), BSE

School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Tempe](#)

ESAEAVSBSE

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 265: Calculus for Engineers I (MA)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>FSE 100 required for first-year students and should be completed in the first semester. Non-first-year students: see advisor for petitioning replacement electives.</li> <li>If ENG 105 is taken, a three hour applicable elective must also be taken prior to graduation. See advisor.</li> <li>Prep for success using the <a href="#">First-Year Student Guide</a>.</li> <li>Join a <a href="#">Fulton community</a>.</li> <li>Explore <a href="#">engineering and technical professions</a>.</li> </ul>
ASU 101-AEE: The ASU Experience	1		
CHM 114: General Chemistry for Engineers (SQ) OR CHM 116: General Chemistry II (SQ)	4	C	
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
FSE 100: Introduction to Engineering	2	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 242: Elementary Linear Algebra	2	C	<ul style="list-style-type: none"> <li>Create a <a href="#">Handshake</a> profile.</li> <li>Get involved with EPICS, the Generator Labs, and the <a href="#">Fulton Start-Up Center</a>.</li> </ul>
 MAT 266: Calculus for Engineers II (MA)	3	C	
 PHY 121: University Physics I: Mechanics (SQ)	3	C	
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
MAE 215: Introduction to Programming in MATLAB	1	C	
PHY 122: University Physics Laboratory I (SQ)	1	C	
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 3 32 - 46 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
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⚠ MAE 201: Mechanics of Particles and Rigid Bodies I: Statics	3	C
⚠ MAT 267: Calculus for Engineers III (MA)	3	C
⚠ MAT 275: Modern Differential Equations (MA)	3	C
⚠ PHY 131: University Physics II: Electricity and Magnetism (SQ)	3	C
MAE 214: Computer-Aided Engineering I	1	C
PHY 132: University Physics Laboratory II (SQ)	1	C
⚠ Complete CHM 114 OR CHM 116 course(s).		
⚠ Complete First-Year Composition requirement.		
⚠ Minimum 2.00 GPA ASU Cumulative.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	14	

- Prep for success using the **Sophomore Guide**.
- Create a **technical resume**.

Term 4 46 - 62 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
⚠ MAE 202: Mechanics of Particles and Rigid Bodies II: Dynamics	3	C	<ul style="list-style-type: none"> <li>• Pursue an <b>undergraduate research experience</b>.</li> <li>• Apply for <b>internships</b>.</li> <li>• Attend <b>career fairs and events</b>.</li> </ul>
⚠ MAE 213: Mechanics of Materials	3	C	
⚠ MAE 242: Introduction to Fluid Mechanics	3	C	
EEE 202: Circuits I	4	C	
MAE 384: Advanced Mathematical Methods for Engineers (CS)	3	C	
Term hours subtotal:	16		

Term 5 62 - 76 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ AEE 360: Aerodynamics (L)	3	C	<ul style="list-style-type: none"> <li>• AEE 360, AEE 361 and AEE 362 must all be taken to secure Literacy and Critical Inquiry (L) General Studies credit.</li> <li>• Plan for success using the <b>Junior Guide</b>.</li> <li>• Network at <b>student organization</b> competitions or professional societies.</li> </ul>
★ AEE 361: Aerodynamics Laboratory (L)	1	C	
★ MAE 241: Introduction to Thermodynamics	3	C	
★ MAE 301: Applied Experimental Statistics	3	C	
★ MAE 318: System Dynamics and Control I	4	C	
Term hours subtotal:	14		

Term 6 76 - 93 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ AEE 313: Aircraft Dynamics and Control	3	C	<ul style="list-style-type: none"> <li>• AEE 360, AEE 361 and AEE 362 must all be taken to secure Literacy and Critical Inquiry (L) General Studies credit.</li> <li>• Research and prepare for <b>graduate school</b>.</li> <li>• Apply for an <b>engineering 4+1 program</b>.</li> <li>• Develop a <b>professional profile online</b>.</li> </ul>
★ AEE 325: Aerospace Structures and Materials	4	C	
★ AEE 362: High-Speed Aerodynamics (L)	4	C	
Upper Division AVS Technical Elective	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	17		

Term 7 93 - 108 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ AEE 478: Fundamentals of Autonomous Aircraft Systems	3	C	<ul style="list-style-type: none"> <li>• Plan for success using the <b>Senior Guide</b>.</li> <li>• Use <b>Handshake</b> to apply for full-time positions.</li> </ul>
AEE 463: Aircraft Propulsion	3	C	
MAE 400: Engineering Profession (L)	3	C	

Upper Division AVS Technical Elective	3	C
Social-Behavioral Sciences (SB)	3	
Term hours subtotal:	15	

- Complete an in-person or virtual **practice interview**.

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ AEE 479: Design of Autonomous Aircraft Systems	3	C	
AEE 462: Space Vehicle Dynamics and Control	3	C	
POS 325: Public Policy Development (SB) OR POS 300: Contemporary Global Controversies (SB & G) OR POS 370: Law and Society (SB) OR PHI 306: Applied Ethics (HU)	3		
Upper Division AVS Technical Elective	3	C	
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

AVS Technical Elective
EEE 203: Signals and Systems I
EEE 304: Signals and Systems II
EEE 350: Random Signal Analysis
EEE 455: Communication Systems
EEE 459: Communication Networks
EEE 480: Feedback Systems
EEE 481: Computer-Controlled Systems
EEE 582: Linear System Theory
MAE 417: System Dynamics and Control II
MAE 451: Applied Machine Learning for Mechanical and Aerospace Engineers
MAE 494: Guidance and Navigation of Aerospace Vehicles
MAE 506: Advanced System Modeling, Dynamics, and Control
By approval only:
MAE 492: Honors Directed Study
MAE 493: Honors Thesis (L)
MAE 499: Individualized Instruction

\*Students who do not meet the enrollment requirements for these courses may be allowed to enroll with instructor consent. Courses not listed here require a program petition. To take any 494 class, please check with your advisor first.

**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

## 2023 - 2024 Major Map

### Applied Science (Aviation), **BAS**

School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Polytechnic](#)

TSAMTABAS

Applicable Community College Prerequisites 0 - 60 Credit Hours	Hours	Minimum Grade	Notes
AAS Transfer Degree Block	60		<ul style="list-style-type: none"> <li>• Students may meet lower division general studies requirements with the AAS degree.</li> <li>• Students must complete all ASU general studies requirements in order to earn ASU BAS degree.</li> <li>• Students should work with their academic advisor to run DARS graduation audit to determine needed general studies requirements.</li> </ul>
Term hours subtotal:	60		

Term 5 60 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ AMT 308: Air Transportation (G)	3	C	<ul style="list-style-type: none"> <li>• Plan for success using the <b>Junior Guide</b>.</li> <li>• Network at <b>student organization</b> competitions or professional societies.</li> </ul>
AMT Upper Division Elective	3	C	
Complete 3 courses:	9		
Upper Division Elective			
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ AMT 442: Aviation Law and Regulations	3	C	<ul style="list-style-type: none"> <li>• If following the UAS focus area, students must first meet the prerequisites of AMT 170 and AMT 270.</li> <li>• Research and prepare for <b>graduate school</b>.</li> <li>• Apply for a <b>Fulton Schools 4+1 program</b>.</li> <li>• Develop a <b>professional profile online</b>.</li> </ul>
AMT 396: Aviation Professional	1	C	
Upper Division Focus Area	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) (HST 319 recommended)	3		
Upper Division Elective	2		
Any needed lower division General Studies requirement OR Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ AMT 408: National Aviation Policy	3	C	<ul style="list-style-type: none"> <li>• Plan for success using the <b>Senior Guide</b>.</li> </ul>
Upper Division Focus Area	3	C	

Upper Division Literacy and Critical Inquiry (L)	3
Complete 2 courses:	
Any needed lower division General Studies requirement OR Elective	6
Term hours subtotal:	15

- Use **Handshake** to apply for full-time positions.
- Complete an in person or virtual **practice interview**.

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ AMT 489: Airline Administration	3	C	
AMT 491: Aviation Management Capstone OR Unmanned Aerial Systems Focus Area Course	3	C	
AMT Upper Division Elective	3	C	
Upper Division Elective	3		
Any needed lower division General Studies requirement OR Elective	3		
Term hours subtotal:	15		

Hide Course List(s)/Track Group(s)

Management Focus Area	Unmanned Aerial Systems Focus Area
HSE Upper Division Elective	AMT 370: Unmanned Aircraft Systems
OGL Upper Division Elective	AMT 470: Unmanned Aircraft Payloads, Sensors, and Control Stations
OMT Upper Division Elective	AMT 495: Unmanned Aircraft Systems Operations
TEM Upper Division Elective	
TMC Upper Division Elective	

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 60 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)



- Historical Awareness (H)

#### First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

## 2023 - 2024 Major Map

### Applied Science (Graphic Information Technology), BAS

School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Polytechnic](#)

TSGITBAS

Applicable Community College Prerequisites 0 - 60 Credit Hours	Hours	Minimum Grade	Notes
AAS Transfer Degree Block	60		
Term hours subtotal:	60		<ul style="list-style-type: none"> <li>Students may meet lower division general studies requirements with the AAS degree.</li> <li>Students must complete all ASU general studies requirements in order to earn ASU BAS degree.</li> <li>Students should work with their academic advisor to run DARS graduation audit to determine needed general studies requirements.</li> </ul>



Term 5 60 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ GIT 315: Digital Video Techniques	3		
GIT 384: Commercial Photography	3		
Focus Area	3		
Upper Division Elective	3		
Any needed lower division General Studies requirement OR Elective	3		
Term hours subtotal:	15		<ul style="list-style-type: none"> <li>Select a primary focus area consisting of 12 credit hours of focused courses (a minimum of six hours must be upper division). Focus areas are listed below.</li> <li>Plan for success using the <a href="#">Junior Guide</a>.</li> <li>Network at <a href="#">student organization</a> competitions or professional societies.</li> </ul>

Term 6 75 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ GIT 303: Digital Publishing	3		
GIT 314: Multimedia Design, Planning and Storyboards	3		
Focus Area	3		
Complete 2 courses:	6		
Any needed lower division General Studies requirement OR Elective			
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		<ul style="list-style-type: none"> <li>Research and prepare for <a href="#">graduate school</a>.</li> <li>Apply for a <a href="#">Fulton Schools 4+1 program</a>.</li> <li>Develop a <a href="#">professional profile online</a>.</li> </ul>

Term 7 90 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ GIT 450: Digital Workflow in Graphic Industries	3		
GIT 480: Senior Project	3		
Term hours subtotal:	6		<ul style="list-style-type: none"> <li>Plan for success using the <a href="#">Senior Guide</a>.</li> </ul>

Upper Division Focus Area	3
Complete 2 courses:	
Upper Division Elective	6
Term hours subtotal:	15

- Use **Handshake** to apply for full-time positions.
- Complete an in person or virtual **practice interview**.

Term 8 105 - 120 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
 GIT 413: Professional Portfolio Design and Presentation	3		
GIT 432: Graphic Industry Business Practices	3		
Upper Division Focus Area	3		
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Literacy and Critical Inquiry (L) ( TWC 301 OR TWC 401 OR TWC 411 OR TWC 421 recommended)	3		
Term hours subtotal:	15		

- Students in the BAS Graphic Information Technology program select a primary focus area consisting of 12 credit hours of focused courses (a minimum of six hours must be upper-division). Focus areas are listed below.

Hide Course List(s)/Track Group(s)

Commercial Photography and Video	Digital Design, Print, and Publishing	Front-End Web Development
GIT 334: Image Editing and Manipulation	GIT 230: Digital Illustration in Publishing	GIT 215: Introduction to Web Authoring
GIT 415: Advanced Digital Video Techniques	GIT 250: Introduction to Commercial Print	GIT 337: Web Content Design
GIT 445: 360 Production	GIT 333: Printing Technology	GIT 414: Web Site Design and Internet/Web Technologies
GIT 490: Advanced Commercial Photography	GIT 334: Image Editing and Manipulation	GIT 417: Advanced Web Markup and Scripting
GIT 494: Special Topics	GIT 437: Color Reproduction Systems	GIT 418: Multimedia Authoring, Scripting and Production
	GIT 494: Special Topics	GIT 494: Special Topics
	TWC 411: Principles of Visual Communication (L)	
Interaction Design	Motion Graphics/Visual Effects	
GIT 340: Information Design and Usability	GIT 211: 3D Media Production	
GIT 350: Cross-Media Design	GIT 230: Digital Illustration in Publishing	
GIT 402: New Media Internet Technologies	GIT 312: Computer Animation and Motion Graphics (CS)	
GIT 435: Website and E-Commerce Strategies	GIT 334: Image Editing and Manipulation	
GIT 494: Special Topics	GIT 411: Visual Narrative in Motion Graphics	
	GIT 494: Special Topics	

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's

first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>

- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 60 maximum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

## 2023 - 2024 Major Map

### Applied Science (Graphic Information Technology), **BAS**

School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Online ASU Local](#)

TSGITBAS

Applicable Community College Prerequisites 0 - 60 Credit Hours	Hours	Minimum Grade	Notes
AAS Transfer Degree Block	60		<ul style="list-style-type: none"> <li>Students may meet lower division general studies requirements with the AAS degree.</li> <li>Students must complete all ASU general studies requirements in order to earn ASU BAS degree.</li> <li>Students should work with their academic advisor to run DARS graduation audit to determine needed general studies requirements.</li> </ul>
Term hours subtotal:	60		

Term 5 - A 60 - 66 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ GIT 315: Digital Video Techniques	3		<ul style="list-style-type: none"> <li>Select a primary focus area consisting of 12 credit hours of focused courses (minimum of six hours must be upper division). Focus areas are listed below.</li> <li>Plan for success using the <a href="#">Junior Guide</a>.</li> <li>Network at <a href="#">student organization</a> competitions or professional societies.</li> </ul>
Upper Division Elective	3		
Term hours subtotal:	6		

Term 5 - B 66 - 75 Credit Hours	Hours	Minimum Grade	Notes
GIT 384: Commercial Photography	3		
Focus Area	3		
Any needed lower division General Studies requirement OR Elective	3		
Term hours subtotal:	9		

Term 6 - A 75 - 84 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ GIT 303: Digital Publishing	3		<ul style="list-style-type: none"> <li>Research and prepare for <a href="#">graduate school</a>.</li> <li>Apply for a <a href="#">Fulton Schools 4+1 program</a>.</li> <li>Develop a <a href="#">professional profile online</a>.</li> </ul>
★ GIT 314: Multimedia Design, Planning and Storyboards	3		
Any needed lower division General Studies requirement OR Elective	3		
Term hours subtotal:	9		

Term 6 - B 84 - 90 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes

Focus Area	3
Any needed lower division General Studies requirement OR Elective	3
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).	
Term hours subtotal:	6

Term 7 - A 90 - 96 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ GIT 450: Digital Workflow in Graphic Industries	3		<ul style="list-style-type: none"> <li>Plan for success using the <a href="#">Senior Guide</a>.</li> <li>Use <a href="#">Handshake</a> to apply for full-time positions.</li> <li>Complete an in person or virtual <a href="#">practice interview</a>.</li> </ul>
Upper Division Focus Area	3		
Term hours subtotal:	6		

Term 7 - B 96 - 105 Credit Hours	Hours	Minimum Grade	Notes
GIT 480: Senior Project	3		
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	9		

Term 8 - A 105 - 114 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ GIT 413: Professional Portfolio Design and Presentation	3		
Upper Division Focus Area	3		
Upper Division Literacy and Critical Inquiry (L) ( TWC 301 OR TWC 401 OR TWC 411 OR TWC 421 recommended)	3		
Term hours subtotal:	9		

Term 8 - B 114 - 120 Credit Hours	Hours	Minimum Grade	Notes
GIT 432: Graphic Industry Business Practices	3		
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	6		

- Students in the BAS Graphic Information Technology program select a primary focus area consisting of 12 credit hours of focused courses (minimum of six hours must be upper-division). Focus areas are listed below.

Hide Course List(s)/Track Group(s)

Commercial Photography and Video	Interaction Design	Digital Design, Print, and Publishing
GIT 334: Image Editing and Manipulation	GIT 340: Information Design and Usability	GIT 230: Digital Illustration in Publishing
GIT 415: Advanced Digital Video Techniques	GIT 350: Cross-Media Design	GIT 250: Introduction to Commercial Print
GIT 445: 360 Production	GIT 402: New Media Internet Technologies	GIT 333: Printing Technology
GIT 490: Advanced Commercial Photography	GIT 435: Website and E-Commerce Strategies	GIT 334: Image Editing and Manipulation
GIT 494: Special Topics	GIT 494: Special Topics	GIT 437: Color Reproduction Systems
		GIT 494: Special Topics

Front-End Web Development	Motion Graphics/Visual Effects
GIT 215: Introduction to Web Authoring	GIT 211: 3D Media Production
GIT 337: Web Content Design	GIT 230: Digital Illustration in Publishing
GIT 414: Web Site Design and Internet/Web Technologies	GIT 312: 3-D Computer Graphics Modeling and Representation (CS)
GIT 417: Advanced Web Markup and Scripting	GIT 334: Image Editing and Manipulation
GIT 418: Multimedia Authoring, Scripting and Production	GIT 411: Computer Animation
GIT 494: Special Topics	GIT 494: Special Topics

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 60 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

## 2023 - 2024 Major Map

### Applied Science (Internet and Web Development), **BAS**

School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Polytechnic](#)

TSIWDBAS

Applicable Community College Prerequisites 0 - 60 Credit Hours	Hours	Minimum Grade	Notes
AAS Transfer Degree Block	60		<ul style="list-style-type: none"> <li>• Students may meet lower division general studies requirements with the AAS degree.</li> <li>• Students must complete all ASU general studies requirements in order to earn ASU BAS degree.</li> <li>• Students should work with their academic advisor to run DARS graduation audit to determine needed general studies requirements.</li> </ul>
Term hours subtotal:	60		

Term 5 60 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ GIT 215: Introduction to Web Authoring	3	C	<ul style="list-style-type: none"> <li>• Plan for success using the <a href="#">Junior Guide</a>.</li> <li>• Network at <a href="#">student organization</a> competitions or professional societies.</li> </ul>
GIT 334: Image Editing and Manipulation	3		
GIT 340: Information Design and Usability	3		
Upper Division Elective	3		
Any needed lower division General Studies requirement OR Elective	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ GIT 337: Web Content Design	3	C	<ul style="list-style-type: none"> <li>• Research and prepare for <a href="#">graduate school</a>.</li> <li>• Apply for a <a href="#">Fulton Schools 4+1 program</a>.</li> <li>• Develop a <a href="#">professional profile online</a>.</li> </ul>
Complete 2 courses: Upper Division Elective	6		
Complete 2 courses: Any needed lower division General Studies requirement OR Elective	6		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ GIT 417: Advanced Web Markup and Scripting	3	C	<ul style="list-style-type: none"> <li>• Plan for success using the <a href="#">Senior Guide</a>.</li> <li>• Use <a href="#">Handshake</a> to apply for full-time positions.</li> </ul>
GIT 414: Web Site Design and Internet/Web Technologies	3		
GIT 450: Digital Workflow in Graphic Industries	3		



GIT 480: Senior Project	3	• Complete an in person or virtual practice interview.
Upper Division Literacy and Critical Inquiry (L) ( TWC 301 OR TWC 401 OR TWC 411 OR TWC 421 recommended)	3	
Term hours subtotal:		15

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ GIT 413: Professional Portfolio Design and Presentation	3		
GIT 432: Graphic Industry Business Practices	3		
GIT 435: Website and E-Commerce Strategies	3		
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Any needed lower division General Studies requirement OR Elective	3		
Term hours subtotal:		15	

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 60 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

## 2023 - 2024 Major Map

### Applied Science (Internet and Web Development), **BAS**

School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Online ASU Local](#)

TSIWDBAS

Applicable Community College Prerequisites 0 - 60 Credit Hours	Hours	Minimum Grade	Notes
AAS Transfer Degree Block	60		<ul style="list-style-type: none"> <li>Students may meet lower division general studies requirements with the AAS degree.</li> <li>Students must complete all ASU general studies requirements in order to earn ASU BAS degree.</li> <li>Students should work with their academic advisor to run DARS graduation audit to determine needed general studies requirements.</li> </ul>
Term hours subtotal:	60		
Term 5 - A 60 - 69 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ GIT 215: Introduction to Web Authoring	3	C	<ul style="list-style-type: none"> <li>Plan for success using the <a href="#">Junior Guide</a>.</li> <li>Network at <a href="#">student organization</a> competitions or professional societies.</li> </ul>
Upper Division Elective	3		
Any needed lower division General Studies requirement OR <b>Elective</b>	3		
Term hours subtotal:	9		
Term 5 - B 69 - 75 Credit Hours	Hours	Minimum Grade	Notes
GIT 334: Image Editing and Manipulation	3		
GIT 340: Information Design and Usability	3		
Term hours subtotal:	6		
Term 6 - A 75 - 81 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ GIT 337: Web Content Design	3	C	<ul style="list-style-type: none"> <li>Research and prepare for <a href="#">graduate school</a>.</li> <li>Apply for a <a href="#">Fulton Schools 4+1 program</a>.</li> <li>Develop a <a href="#">professional profile online</a>.</li> </ul>
Any needed lower division General Studies requirement OR <b>Elective</b>	3		
Term hours subtotal:	6		
Term 6 - B 81 - 90 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
Complete 2 courses:	6		
Upper Division Elective	3		
Any needed lower division General Studies requirement OR <b>Elective</b>	3		

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 9

Term 7 - A 90 - 96 Credit Hours	Hours	Minimum Grade	Notes
GIT 414: Web Site Design and Internet/Web Technologies	3		<ul style="list-style-type: none"> <li>• Plan for success using the <b>Senior Guide</b>.</li> <li>• Use <b>Handshake</b> to apply for full-time positions.</li> <li>• Complete an in person or virtual <b>practice interview</b>.</li> </ul>
GIT 480: Senior Project	3		
Term hours subtotal:	6		

Term 7 - B 96 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ GIT 417: Advanced Web Markup and Scripting	3	C	
GIT 450: Digital Workflow in Graphic Industries	3		
Upper Division Literacy and Critical Inquiry (L) ( TWC 301 OR TWC 401 OR TWC 411 OR TWC 421 recommended)	3		
Term hours subtotal:	9		

Term 8 - A 105 - 111 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ GIT 413: Professional Portfolio Design and Presentation	3		
GIT 435: Website and E-Commerce Strategies	3		
Term hours subtotal:	6		

Term 8 - B 111 - 120 Credit Hours	Hours	Minimum Grade	Notes
GIT 432: Graphic Industry Business Practices	3		
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Any needed lower division General Studies requirement OR Elective	3		
Term hours subtotal:	9		

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum

**General University Requirements Legend**  
 General Studies Core Requirements:  
 • Literacy and Critical Inquiry (L)  
 • Mathematical Studies (MA)

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 60 maximum

- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

## 2023 - 2024 Major Map

### Applied Science (Operations Management), **BAS**

School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Polytechnic](#)

TSIMCOBAS

This program allows students who have earned an AAS from an accredited institution to transfer 60 credit hours toward a BAS at ASU. Students pursuing this degree may have more than 60 credit hours to complete in order to obtain their Bachelor of Applied Science upon transfer to ASU. Students transferring from a regionally accredited Arizona public community college may be able to transfer up to 15 additional credit hours of transferable general studies courses (75 credit hours total). Students should work with their academic advisor to ensure their courses will meet degree requirements.

Applicable Community College Prerequisites 0 - 60 Credit Hours	Hours	Minimum Grade	Notes
AAS Transfer Degree Block	60		
Term hours subtotal:	60		<ul style="list-style-type: none"> <li>Students may meet lower division general studies requirements with the AAS degree.</li> <li>Students must complete all ASU general studies requirements in order to earn ASU BAS degree.</li> <li>Students should work with their academic advisor to run DARS graduation audit to determine needed general studies requirements.</li> </ul>

Term 5 60 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ STS 401: Statistics in Science and Technology Studies (CS)	3	C	
★ TMC 110: Understanding the Enterprise	3	C	
TEM 431: Innovation Management	3		
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Elective	3		
Term hours subtotal:	15		<ul style="list-style-type: none"> <li>Plan for success using the <a href="#">Junior Guide</a>.</li> <li>Network at <a href="#">student organization</a> competitions or professional societies.</li> </ul>

Term 6 75 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TMC 330: Leading the Enterprise	3	C	
Complete 2 courses:			
Upper Division Major Electives	6	C	
Upper Division Elective	3		
Any needed lower division General Studies requirement OR Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		<ul style="list-style-type: none"> <li>For the Major Electives requirement, students will complete a total of 15 credit hours from the subjects listed below. A minimum of 12 credit hours must be upper division.</li> <li>Research and prepare for <a href="#">graduate school</a>.</li> <li>Apply for a <a href="#">Fulton Schools 4+1 program</a>.</li> <li>Develop a <a href="#">professional profile online</a>.</li> </ul>

Term 7 90 - 105 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ TMC 410: Enterprise Operations	3	C	<ul style="list-style-type: none"> <li>• Plan for success using the <b>Senior Guide</b>.</li> <li>• Use <b>Handshake</b> to apply for full-time positions.</li> <li>• Complete an in person or virtual <b>practice interview</b>.</li> </ul>
TMC 430: Enterprise Strategy and Innovation	3	C	
TMC 470: Enterprise Planning and Implementation	3	C	
Major Electives	3	C	
Any needed lower division General Studies requirement OR <b>Elective</b>	3		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ TMC 498: Pro-Seminar (L)	3	C	
OMT 402: Legal Issues for Technologists OR OMT 430: Ethical Issues in Technology	3	C	
Complete 2 courses: Upper Division Major Electives	6	C	
Any needed lower division General Studies requirement OR <b>Elective</b>	3		
Term hours subtotal:	15		

- Students will complete 15 credit hours of electives from the subjects listed below. A minimum of 12 credit hours must be upper division.

Hide Course List(s)/Track Group(s)

Major Electives
FSE OR OMT OR TEM OR TMC Elective

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 60 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

#### First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

## 2023 - 2024 Major Map

### Applied Science (Operations Management), **BAS**

School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Online ASU Local](#)

TSIMCOBAS

This program allows students who have earned an AAS from an accredited institution to transfer 60 credit hours toward a BAS at ASU. Students pursuing this degree may have more than 60 credit hours to complete in order to obtain their Bachelor of Applied Science upon transfer to ASU. Students transferring from a regionally accredited Arizona public community college may be able to transfer up to 15 additional credit hours of transferable general studies courses (75 credit hours total). Students should work with their academic advisor to ensure their courses will meet degree requirements.

Applicable Community College Prerequisites 0 - 60 Credit Hours	Hours	Minimum Grade	Notes
AAS Transfer Degree Block	60		
Term hours subtotal:	60		<ul style="list-style-type: none"> <li>• Students may meet lower division general studies requirements with the AAS degree.</li> <li>• Students must complete all ASU general studies requirements in order to earn ASU BAS degree.</li> <li>• Students should work with their academic advisor to run DARS graduation audit to determine needed general studies requirements.</li> </ul>

Term 5 - A 60 - 69 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ TMC 110: Understanding the Enterprise	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Elective	3		
Term hours subtotal:	9		

Term 5 - B 69 - 75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ STS 401: Statistics in Science and Technology Studies (CS)	3	C	
TEM 431: Innovation Management	3		
Term hours subtotal:	6		<ul style="list-style-type: none"> <li>• Plan for success using the <b>Junior Guide</b>.</li> <li>• Network at <b>student organization</b> competitions or professional societies.</li> </ul>

Term 6 - A 75 - 81 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ TMC 330: Leading the Enterprise	3	C	
Major Electives	3	C	
Term hours subtotal:	6		<ul style="list-style-type: none"> <li>• For the Major Electives requirement, students will complete a total of 15 credit hours from the subjects listed below. A minimum of 12 credit hours must be upper division.</li> </ul>



Term 6 - B 81 - 90 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
Upper Division Major Electives	3	C	<ul style="list-style-type: none"> <li>For the Major Electives requirement, students will complete a total of 15 credit hours from the subjects listed below. A minimum of 12 credit hours must be upper division. If you have questions about your options, please contact your academic advisor.</li> <li>Research and prepare for <b>graduate school</b>.</li> <li>Apply for a <b>Fulton Schools 4+1 program</b>.</li> <li>Develop a <b>professional profile online</b>.</li> </ul>
Upper Division Elective	3		
Any needed lower division General Studies requirement OR Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	9		

Term 7 - A 90 - 99 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ TMC 410: Enterprise Operations	3	C	
Upper Division Major Electives	3	C	
Any needed lower division General Studies requirement OR Elective	3		
Term hours subtotal:	9		

Term 7 - B 99 - 105 Credit Hours	Hours	Minimum Grade	Notes
TMC 430: Enterprise Strategy and Innovation	3	C	<ul style="list-style-type: none"> <li>Plan for success using the <b>Senior Guide</b>.</li> <li>Use <b>Handshake</b> to apply for full-time positions.</li> <li>Complete an in person or virtual <b>practice interview</b>.</li> </ul>
TMC 470: Enterprise Planning and Implementation	3	C	
Term hours subtotal:	6		

Term 8 - A 105 - 111 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ TMC 498: Pro-Seminar (L)	3	C	
Upper Division Major Electives	3	C	
Term hours subtotal:	6		

Term 8 - B 111 - 120 Credit Hours	Hours	Minimum Grade	Notes
OMT 402: Legal Issues for Technologists OR OMT 430: Ethical Issues in Technology	3	C	
Upper Division Major Electives	3	C	
Any needed lower division General Studies requirement OR Elective	3		
Term hours subtotal:	9		

- Students will complete 15 credit hours of electives from the subjects listed below. A minimum of 12 credit hours must be upper division.

Hide Course List(s)/Track Group(s)

- Major Electives
- FSE OR OMT OR TEM OR TMC Elective

**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 60 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



















## 2023 - 2024 Major Map


### Biomedical Engineering, BSE




School/College: [Ira A. Fulton Schools of Engineering](#)



Location: [Tempe](#)




ESBMEBSE




Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes	
 ASU 101-BME: The ASU Experience	1	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>If ENG 105 is taken, a three credit hour applicable elective must also be taken prior to graduation. See advisor.</li> <li>Prep for success using the <a href="#">First-Year Student Guide</a>.</li> <li>Join a <a href="#">Fulton community</a>.</li> <li>Explore <a href="#">engineering and technical professions</a>.</li> </ul>	
 CHM 114: General Chemistry for Engineers (SQ)	4	C		
 MAT 265: Calculus for Engineers I (MA)	3	C		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C		
FSE 100: Introduction to Engineering	2	C		
STP 226: Elements of Statistics (CS) OR STP 231: Statistics for Life Science (CS)	3	C		
 Minimum 2.00 GPA ASU Cumulative.				
Term hours subtotal:	16			
Term 2 16 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade		Notes
 BIO 181: General Biology I (SQ)	4	C		<ul style="list-style-type: none"> <li>Create a <a href="#">Handshake</a> profile.</li> <li>Get involved with EPICS, the Generator Labs, and the <a href="#">Fulton Start-Up Center</a>.</li> </ul>
 MAT 266: Calculus for Engineers II (MA)	3	C		
 PHY 121: University Physics I: Mechanics (SQ)	3	C		
 PHY 122: University Physics Laboratory I (SQ)	1	C		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).				
 Complete FSE 100 course(s).				
 Minimum 2.00 GPA ASU Cumulative.				
Term hours subtotal:	14			
Term 3 30 - 46 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes	
 MAT 242: Elementary Linear Algebra	2	C	<ul style="list-style-type: none"> <li>Select your Bioscience Elective course(s) from the approved list found at the bottom of the major map.</li> <li>Prep for success using the <a href="#">Sophomore Guide</a>.</li> </ul>	
 MAT 267: Calculus for Engineers III (MA)	3	C		
 PHY 131: University Physics II: Electricity and Magnetism (SQ)	3	C		
 PHY 132: University Physics Laboratory II (SQ)	1	C		

BME 210: Programming for Biomedical Engineers: Introduction to Computers, Programming and Data (CS)	3	C
Bioscience Elective	4	C
 Minimum 2.00 GPA ASU Cumulative. Complete Mathematics (MA) requirement.		
Term hours subtotal:	16	

Term 4 46 - 60 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 BME 200: Conservation Principles in Biomedical Engineering	3	C	<ul style="list-style-type: none"> <li>Pursue an <b>undergraduate research experience</b>.</li> <li>Apply for <b>internships</b>.</li> <li>Attend <b>career fairs and events</b>.</li> </ul>
 MAT 275: Modern Differential Equations (MA)	3	C	
BME 235: Physiology for Engineers	4	C	
EEE 202: Circuits I	4	C	
Term hours subtotal:	14		

Term 5 60 - 76 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 BME 350: Signals and Systems for Bioengineers OR BIO 353: Cell Biology	3	C	<ul style="list-style-type: none"> <li>Select your Upper Division Engineering Elective courses from the approved list found at the bottom of the major map.</li> <li>The general studies requirements for HU, SB, and the awareness areas (C, G, H) do not have to be taken in exact combinations as outlined on the major map. By the end of term 8, all must be completed; however, the combinations may vary.</li> <li>Plan for success using the <b>Junior Guide</b>.</li> <li>Network at <b>student organization</b> competitions or professional societies.</li> </ul>
BME 318: Biomaterials	4	C	
BME 331: Transport Phenomena for Biomedical Engineering	3	C	
Upper Division Engineering Elective	3	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	16		

Term 6 76 - 91 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 BME 370: Microcomputer Applications in Biomedical Engineering OR BME 360: Control in Biological Systems AND BME 362: Methods in Molecular and Cellular Biology	3-4	C	<ul style="list-style-type: none"> <li>Select your Upper Division Engineering Elective courses from the approved list found at the bottom of the major map.</li> <li>Research and prepare for <b>graduate school</b>.</li> <li>Apply for an <b>engineering 4+1 program</b>.</li> <li>Develop a <b>professional profile online</b>.</li> </ul>
BME 213: Biomedical and Bioengineering Ethics	1	C	
BME 300: Bioengineering Product Design	3	C	
BME 301: Numerical Methods in Biomedical Engineering	2	C	
BME 316: Biomechanics for Biomedical Engineers	3	C	
Upper Division Engineering Elective	3	C	
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15-16		

Term 7 91 - 105 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 BME 413: Biomedical Instrumentation (L) AND BME 423: Biomedical Instrumentation Laboratory (L) OR BME 467: Tissue Engineering and Regenerative Medicine	4-3	C	<ul style="list-style-type: none"> <li>Select your Upper Division Related Elective courses from the approved list found at the bottom of the major map.</li> <li>The general studies requirements for HU, SB, and the awareness areas (C, G, H) do not have to be taken in exact combinations as outlined on the major map. By the end of</li> </ul>
 BME 417: Biomedical Engineering Capstone Design I (L)	4	C	
Upper Division Related Elective	3	C	
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		

Term hours subtotal: 14-13

term 8, all must be completed; however, the combinations may vary.

- Plan for success using the [Senior Guide](#).
- Use [Handshake](#) to apply for full-time positions.
- Complete an in person or virtual [practice interview](#).

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ BME 490: Biomedical Engineering Capstone Design II (L)	4	C	<ul style="list-style-type: none"> <li>• Select your Upper Division Related Elective courses from the approved list found at the bottom of the major map.</li> <li>• The general studies requirements for HU, SB, and the awareness areas (C, G, H) do not have to be taken in exact combinations as outlined on the major map. By the end of term 8, all must be completed; however, the combinations may vary.</li> </ul>
Upper Division Related Elective	2	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	15		

- Students must complete at least 10 credit hours from the Upper Division Biomedical Engineering Core list.

Hide Course List(s)/Track Group(s)

Bioscience Electives	Upper Division Engineering Electives	Upper Division Related Electives
BIO 182: General Biology II (SG)	BIO 355: Introduction to Computational Molecular Biology (CS) or MAT 355: Introduction to Computational Molecular Biology (CS) or MBB 355: Introduction to Computational Molecular Biology (CS)	ACC 382: Accounting and Financial Analysis
BIO 201: Human Anatomy and Physiology I (SG)	BME 340: Thermodynamics for Biomedical Engineers or CHE 342: Introduction to Applied Chemical Thermodynamics	BCH 361: Advanced Principles of Biochemistry
CHM 231: Elementary Organic Chemistry (SQ) AND CHM 235: Elementary Organic Chemistry Laboratory (SQ)	BME 465: Magnetic Resonance Imaging	BCH 367: Elementary Biochemistry Laboratory
CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I	BME 494: Bioenergy and Microbial Biotechnology	BCH 461: General Biochemistry
MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG)	BME 494: Finite Element Modeling for Biomedical Application	BCH 462: General Biochemistry
	BME 494: Medical Imaging Instrumentation	BCH 467: Analytical Biochemistry Laboratory (L)
	BME 494: Polymeric Drug Delivery	BIO 302: Cancer--Mother of All Diseases (L)
	BME 494: Systems Biology of Disease	BIO 312: Bioethics (HU) or PHI 320: Bioethics (HU)
	BME 494: Technology for Global Health	BIO 331: Animal Behavior
	BMI 311: Modeling Biomedical Knowledge	BIO 340: General Genetics or MBB 347: Molecular Genetics: From Genes to Proteins
	CEE 384: Numerical Methods for Engineers (CS)	BIO 345: Evolution
	CHE 468: Polymer Principles and Processing	BIO 360: Animal Physiology
		BIO 440: Functional Genomics or MBB 440: Functional Genomics

CHE 473: Fuel Cells and Biofuel Cells	BIO 451: Cell Biotechnology: Cell Culture, Immunocytochemistry and Bioimaging
CHE 478: Biomass Energy Conversion Technology	BIO 467: Neurobiology
CHE 479: Microbial Bioprocess Engineering	BME 394: Honors Research
CHE 494: Fundamentals of Scaleup	BME 394: SBHSE Research Projects
CHE 494: Nanobiotechnology	BME 492: Honors Directed Study
CHE 494: Soft Matter Morphology	BME 493: Honors Thesis (L)
CHE 494: Sustainable Macromolecular Synthesis	BMI 465: Introduction to Comparative Genomics
CHM 325: Analytical Chemistry	BUA 380: Small Business Leadership
CHM 341: Elementary Physical Chemistry or BCH 341: Physical Chemistry with a Biological Focus	BUA 381: Small Business Accounting and Finance
CSE 340: Principles of Programming Languages	BUA 383: Small Business Working Relationships
DAT 301: Exploring Data in R and Python	BUS 384: Business Operations and Planning
EEE 334: Circuits II	CHE 475: Biochemical Engineering
EEE 350: Random Signal Analysis	CHM 302: Environmental Chemistry
EEE 352: Properties of Electronic Materials	CHM 326: Advanced Analytical Chemistry Laboratory
EEE 407: Digital Signal Processing	CIS 300: Web Design and Development
EEE 481: Computer-Controlled Systems	COM 312: Communication, Conflict, and Negotiation
HCD 403: Process Engineering	CSE 310: Data Structures and Algorithms
IEE 300: Economic Analysis for Engineers	CSE 412: Database Management
IEE 380: Probability and Statistics for Engineering Problem Solving (CS)	ECN 306: Survey of International Economics (SB & G)
IEE 381: Lean Six Sigma Methodology	
MAE 384: Advanced Mathematical Methods for Engineers (CS)	
MAT 451: Mathematical Modeling (CS)	
MEE 322: Structural Mechanics	
MEE 340: Heat Transfer	
MSE 415: Mathematical and Computer Methods in Materials (CS)	
MSE 440: Mechanical Behavior of Materials	
MSE 450: Introduction to Materials Characterization	
MSE 451: Nanomaterials and Electronics Characterization Lab	
MSE 470: Polymers and Composites	

MSE 471: Introduction to Ceramics

MSE 482: Materials Engineering Design (L)

TWC 446: Technical and Scientific Reports (L)

TWC 451: Copyright and Intellectual Property in the Electronic Age

Upper Division Related Electives continued

Upper Division Related Electives, continued

EDP 310: Developing as a Leader (SB)

MGT 300: Principles of Management and Leadership

EDP 310: Emotional Intelligence (SB)

MGT 302: Principles of International Business (G)

EDP 310: Gender Development (SB)

MGT 380: Management and Strategy for Nonmajors

EDP 310: Learning and Memory (SB)

EDP 310: Motivation (SB)

MIC 314: HIV/AIDS: Science, Behavior, and Society

EDP 310: Understanding the Brain (SB)

MIC 360: Bacterial Physiology

EEE 307: Signal Processing for Digital Culture

MIC 420: Immunology: Molecular and Cellular Foundations or BIO 420: Immunology: Molecular and Cellular Foundations

EEE 407: Digital Signal Processing

EEE 480: Feedback Systems

ENT 305: Principles of Entrepreneurship

MKT 300: Marketing and Business Performance

FIN 300: Fundamentals of Finance

MKT 370: Professional Sales and Relationship Management

FIN 380: Personal Financial Management

FSE 301: Entrepreneurship and Value Creation or ENT 360: Entrepreneurship and Value Creation

MKT 390: Essentials of Marketing

MKT 391: Essentials of Selling

HCR 350: Introduction to Clinical Research

MSE 330: Thermodynamics of Materials

IEE 320: Extreme Excel

MSE 335: Materials Kinetics

IEE 369: Work Analysis and Design (L)

MSE 355: Structure and Defects

IEE 431: Engineering Administration (L)

MSE 356: Thin Film and Microelectronic Devices Lab

IND 464: Collaborative Design Development I (L)

MSE 420: Advanced Metallurgical Alloys and Processes

IND 465: Collaborative Design Development II (L)

MSE 421: Physical Metallurgy Laboratory

KIN 334: Functional Anatomy and Kinesiology

MSE 442: Fatigue, Fracture, and Creep of Materials

KIN 340: Physiology of Exercise

MSE 458: Electronic, Magnetic, and Optical Properties

KIN 412: Biomechanics of the Skeletal System

MSE 460: Nanomaterials in Energy Production and Storage

KIN 413: Qualitative Analysis in Sport Biomechanics

NTR 457: Sports Nutrition

KIN 414: Electromyographic Kinesiology (L)

PAF 301: Applied Statistics (CS)

KIN 440: Exercise Biochemistry	PAF 410: Building Leadership Skills (SB)
LES 305: Business Law and Ethics for Managers	PHI 306: Applied Ethics (HU)
LES 380: Consumer Perspective of Business Law	PHI 313: Probability, Evidence, and Decision
LSC 347: Fundamentals of Genetics	PHY 361: Introductory Modern Physics
MAE 318: System Dynamics and Control I	PSY 325: Physiological Psychology
MAE 341: Mechanism Analysis and Design	PSY 470: Psychopharmacology
MAE 417: System Dynamics and Control II	SCM 300: Global Supply Operations
MAT 300: Mathematical Structures (L)	SOC 334: Technology and Society (L or SB)
MAT 310: Introduction to Geometry	STP 420: Introductory Applied Statistics (CS)
MAT 342: Linear Algebra or MAT 343: Applied Linear Algebra	STP 421: Probability
MAT 460: Vector Calculus	STP 429: Applied Regression (CS)
MAT 462: Applied Partial Differential Equations	STS 304: Science, Technology and Society (SB)
MBB 343: Genetic Engineering and Society (L) or BIO 343: Genetic Engineering and Society (L)	STS 332: Global Issues in Science and Technology (SB)
	TEM 330: Systems Innovation

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition



General Studies designations listed on the major map are current for the 2023 - 2024 academic year.













## 2023 - 2024 Major Map

### Biomedical Engineering, BSE

School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Online ASU Local](#)

ESBMEBSE

Term 1 - A 0 - 6 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 265: Calculus for Engineers I (MA)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>If ENG 105 is taken, a three credit hour applicable elective must also be taken prior to graduation. See advisor.</li> <li>Prep for success using the <a href="#">First-Year Student Guide</a>.</li> <li>Join a <a href="#">Fulton community</a>.</li> <li>Explore <a href="#">engineering and technical professions</a>.</li> </ul>
ASU 101-BME: The ASU Experience	1	C	
FSE 100: Introduction to Engineering	2	C	
Term hours subtotal:	6		
Term 1 - B 6 - 12 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 266: Calculus for Engineers II (MA)	3	C	<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	6		
Term 2 - A 12 - 19 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CHM 114: General Chemistry for Engineers (SQ)	4	C	<ul style="list-style-type: none"> <li>Create a <a href="#">Handshake</a> profile.</li> <li>Get involved with EPICS, the Generator Labs, and the <a href="#">Fulton Start-Up Center</a>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		
Term 2 - B 19 - 26 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 267: Calculus for Engineers III (MA)	3	C	
 PHY 121: University Physics I: Mechanics (SQ)	3	C	
 PHY 122: University Physics Laboratory I (SQ)	1	C	
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			

❗ Complete FSE 100 course(s).

❗ Minimum 2.00 GPA ASU Cumulative.

Term hours subtotal: 7

Term 3 - A 26 - 32 Credit Hours Critical course signified by ❗	Hours	Minimum Grade	Notes
❗ BIO 181: General Biology I (SQ)	4	C	• Prep for success using the <a href="#">Sophomore Guide</a> .
❗ MAT 242: Elementary Linear Algebra	2	C	
Term hours subtotal:	6		

Term 3 - B 32 - 39 Credit Hours Critical course signified by ❗	Hours	Minimum Grade	Notes
❗ PHY 131: University Physics II: Electricity and Magnetism (SQ)	3	C	
❗ PHY 132: University Physics Laboratory II (SQ)	1	C	
STP 226: Elements of Statistics (CS) OR STP 231: Statistics for Life Science (CS)	3	C	
❗ Minimum 2.00 GPA ASU Cumulative.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	7		

Term 4 - A 39 - 46 Credit Hours Critical course signified by ❗	Hours	Minimum Grade	Notes
❗ MAT 275: Modern Differential Equations (MA)	3	C	• Pursue an <a href="#">undergraduate research</a> experience. • Apply for <a href="#">internships</a> . • Attend <a href="#">career fairs and events</a> .
BME 210: Programming for Biomedical Engineers: Introduction to Computers, Programming and Data (CS)	3	C	
BME 213: Biomedical and Bioengineering Ethics	1	C	
Term hours subtotal:	7		

Term 4 - B 46 - 53 Credit Hours Critical course signified by ❗	Hours	Minimum Grade	Notes
❗ BME 200: Conservation Principles in Biomedical Engineering	3	C	
EEE 202: Circuits I	4	C	
Term hours subtotal:	7		

Term 5 - A 53 - 60 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ BME 350: Signals and Systems for Bioengineers OR BIO 353: Cell Biology	3	C	• Plan for success using the <a href="#">Junior Guide</a> . • Network at <a href="#">student organization</a> competitions or professional societies.
BME 235: Physiology for Engineers	4	C	
Term hours subtotal:	7		

Term 5 - B 60 - 67 Credit Hours	Hours	Minimum Grade	Notes
BME 318: Biomaterials	4	C	
BME 331: Transport Phenomena for Biomedical Engineering	3	C	
Term hours subtotal:	7		

Term 6 - A 67 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
BME 370: Microcomputer Applications in Biomedical Engineering OR ★ BME 360: Control in Biological Systems AND BME 362: Methods in Molecular and Cellular Biology	3-4	C	• Research and prepare for <a href="#">graduate school</a> .

BME 301: Numerical Methods in Biomedical Engineering	2	C
BME 316: Biomechanics for Biomedical Engineers	3	C
Term hours subtotal:	8-9	

- Apply for an [engineering 4+1 program](#)
- Develop a [professional profile online](#).

Term 6 - B 75 - 82 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
BME 300: Bioengineering Product Design	3	C	<ul style="list-style-type: none"> <li>• Select your Bioscience Elective course(s) from the approved list found at the bottom of the major map.</li> <li>• The general studies requirements for HU, SB, and the awareness areas (C, G, H) do not have to be taken in exact combinations as outlined on the major map. By the end of the degree, all must be completed; however, the combinations may vary.</li> </ul>
Bioscience Elective	4	C	
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	7		

Term 7 - A 82 - 89 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
BME 417: Biomedical Engineering Capstone Design I (L)	4	C	<ul style="list-style-type: none"> <li>• Plan for success using the <a href="#">Senior Guide</a>.</li> <li>• Use <a href="#">Handshake</a> to apply for full-time positions.</li> <li>• Complete an in person or virtual <a href="#">practice interview</a>.</li> <li>• The general studies requirements for HU, SB, and the awareness areas (C, G, H) do not have to be taken in exact combinations as outlined on the major map. By the end of the degree, all must be completed; however, the combinations may vary.</li> </ul>
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Term hours subtotal:	7		

Term 7 - B 89 - 95 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Engineering Elective	3	C	<ul style="list-style-type: none"> <li>• Select your Upper Division Engineering Elective and Upper Division Related Elective courses from the approved lists found at the bottom of the major map.</li> </ul>
Upper Division Related Elective	3	C	
Term hours subtotal:	6		

Term 8 - A 95 - 102 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
BME 490: Biomedical Engineering Capstone Design II (L)	4	C	<ul style="list-style-type: none"> <li>• The general studies requirements for HU, SB, and the awareness areas (C, G, H) do not have to be taken in exact combinations as outlined on the major map. By the end of the degree, all must be completed; however, the combinations may vary.</li> </ul>
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	7		

Term 8 - B 102 - 110 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Engineering Elective	3	C	<ul style="list-style-type: none"> <li>• Select your Upper Division Engineering Elective and Upper Division Related Elective courses from the approved lists found at the bottom of the major map.</li> <li>• The general studies requirements for HU, SB, and the awareness areas (C, G, H) do not have</li> </ul>
Upper Division Related Elective	2	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	8		

to be taken in exact combinations as outlined on the major map. By the end of the degree, all must be completed; however, the combinations may vary.

Term 9 - A 110 - 117 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ BME 413: Biomedical Instrumentation (L) AND BME 423: Biomedical Instrumentation Laboratory (L) OR BME 467: Tissue Engineering and Regenerative Medicine	4-3	C	<ul style="list-style-type: none"> <li>The general studies requirements for HU, SB, and the awareness areas (C, G, H) do not have to be taken in exact combinations as outlined on the major map. By the end of the degree, all must be completed; however, the combinations may vary.</li> </ul>
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	7-6		

Term 9 - B 117 - 120 Credit Hours	Hours	Minimum Grade	Notes
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		<ul style="list-style-type: none"> <li>The general studies requirements for HU, SB, and the awareness areas (C, G, H) do not have to be taken in exact combinations as outlined on the major map. By the end of the degree, all must be completed; however, the combinations may vary.</li> </ul>
Term hours subtotal:	3		

Hide Course List(s)/Track Group(s)

Bioscience Electives	Upper Division Engineering Electives	Upper Division Related Electives
BIO 182: General Biology II (SG)	BIO 355: Introduction to Computational Molecular Biology (CS) or MAT 355: Introduction to Computational Molecular Biology (CS) or MBB 355: Introduction to Computational Molecular Biology (CS)	ACC 382: Accounting and Financial Analysis
BIO 201: Human Anatomy and Physiology I (SG)	BME 465: Magnetic Resonance Imaging	BCH 361: Advanced Principles of Biochemistry
CHM 231: Elementary Organic Chemistry (SQ) AND CHM 235: Elementary Organic Chemistry Laboratory (SQ)	CHM 325: Analytical Chemistry	BCH 367: Elementary Biochemistry Laboratory
CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I	CHM 341: Elementary Physical Chemistry or BCH 341: Physical Chemistry with a Biological Focus	BCH 461: General Biochemistry
MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG)	CSE 340: Principles of Programming Languages	BCH 462: General Biochemistry
	DAT 301: Exploring Data in R and Python	BCH 467: Analytical Biochemistry Laboratory (L)
	EEE 334: Circuits II	BIO 302: Cancer--Mother of All Diseases (L)
	EEE 350: Random Signal Analysis	BIO 312: Bioethics (HU) or PHI 320: Bioethics (HU)
	EEE 352: Properties of Electronic Materials	BIO 331: Animal Behavior
	EEE 407: Digital Signal Processing	BIO 340: General Genetics
	EEE 481: Computer-Controlled Systems	BIO 345: Evolution
HCD 403: Process Engineering		BIO 360: Animal Physiology
		BIO 440: Functional Genomics or MBB 440: Functional Genomics
		BIO 467: Neurobiology

IEE 300: Economic Analysis for Engineers

IEE 380: Probability and Statistics for Engineering Problem Solving (CS)

IEE 381: Lean Six Sigma Methodology

MAE 384: Advanced Mathematical Methods for Engineers (CS)

MEE 322: Structural Mechanics

MEE 340: Heat Transfer

TWC 446: Technical and Scientific Reports (L)

TWC 451: Copyright and Intellectual Property in the Electronic Age

BUA 380: Small Business Leadership

BUA 381: Small Business Accounting and Finance

BUA 383: Small Business Working Relationships

BUS 384: Business Operations and Planning

CHM 326: Advanced Analytical Chemistry Laboratory

CIS 300: Web Design and Development

COM 312: Communication, Conflict, and Negotiation

CSE 310: Data Structures and Algorithms

CSE 412: Database Management

ECN 306: Survey of International Economics (SB & G)

Upper Division Related Electives continued

EDP 310: Developing as a Leader (SB)

EDP 310: Emotional Intelligence (SB)

EDP 310: Gender Development (SB)

EDP 310: Learning and Memory (SB)

EDP 310: Motivation (SB)

EDP 310: Understanding the Brain (SB)

EEE 407: Digital Signal Processing

EEE 480: Feedback Systems

ENT 305: Principles of Entrepreneurship

FIN 300: Fundamentals of Finance

FIN 380: Personal Financial Management

FSE 301: Entrepreneurship and Value Creation or ENT 360: Entrepreneurship and Value Creation

HCR 350: Introduction to Clinical Research

IEE 320: Extreme Excel

IEE 369: Work Analysis and Design (L)

IEE 431: Engineering Administration (L)

LES 305: Business Law and Ethics for Managers

LSC 347: Fundamentals of Genetics

MAE 318: System Dynamics and Control I

Upper Division Related Electives, continued

MGT 300: Principles of Management and Leadership

MGT 302: Principles of International Business (G)

MGT 380: Management and Strategy

MIC 314: HIV/AIDS: Science, Behavior, and Society

MIC 420: Immunology: Molecular and Cellular Foundations or BIO 420: Immunology: Molecular and Cellular Foundations

MKT 300: Marketing and Business Performance

MKT 370: Professional Sales and Relationship Management

MKT 390: Essentials of Marketing

MKT 391: Essentials of Selling

PAF 301: Applied Statistics (CS)

PAF 410: Building Leadership Skills (SB)

PHI 306: Applied Ethics (HU)

PHY 361: Introductory Modern Physics

PSY 325: Physiological Psychology

PSY 470: Psychopharmacology

SCM 300: Global Supply Operations

MAE 417: System Dynamics and Control II

SOC 334: Technology and Society (L or SB)

MAT 343: Applied Linear Algebra

STP 420: Introductory Applied Statistics (CS)

STS 304: Science, Technology and Society (SB)

STS 332: Global Issues in Science and Technology (SB)

TEM 330: Systems Innovation

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



















## 2023 - 2024 Major Map

### Biomedical Engineering (Biological Devices), BSE


School/College: [Ira A. Fulton Schools of Engineering](#)




Location: [Tempe](#)




ESBMEBDBSE




Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ASU 101-BME: The ASU Experience	1	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>If ENG 105 is taken, a three credit hour applicable elective must also be taken prior to graduation. See advisor.</li> <li>Prep for success using the <a href="#">First-Year Student Guide</a>.</li> <li>Join a <a href="#">Fulton community</a>.</li> <li>Explore <a href="#">engineering and technical professions</a>.</li> </ul>
 CHM 114: General Chemistry for Engineers (SQ)	4	C	
 MAT 265: Calculus for Engineers I (MA)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
FSE 100: Introduction to Engineering	2	C	
STP 226: Elements of Statistics (CS) OR STP 231: Statistics for Life Science (CS)	3	C	
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		
Term 2 16 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 BIO 181: General Biology I (SQ)	4	C	<ul style="list-style-type: none"> <li>Create a <a href="#">Handshake</a> profile.</li> <li>Get involved with EPICS, the Generator Labs, and the <a href="#">Fulton Start-Up Center</a>.</li> </ul>
 MAT 266: Calculus for Engineers II (MA)	3	C	
 PHY 121: University Physics I: Mechanics (SQ)	3	C	
 PHY 122: University Physics Laboratory I (SQ)	1	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Complete FSE 100 course(s).			
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	14		
Term 3 30 - 46 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 242: Elementary Linear Algebra	2	C	<ul style="list-style-type: none"> <li>Select your Bioscience Elective course(s) from the approved list found at the bottom of the major map.</li> <li>Prep for success using the <a href="#">Sophomore Guide</a>.</li> </ul>
 MAT 267: Calculus for Engineers III (MA)	3	C	
 PHY 131: University Physics II: Electricity and Magnetism (SQ)	3	C	
 PHY 132: University Physics Laboratory II (SQ)	1	C	





BME 210: Programming for Biomedical Engineers: Introduction to Computers, Programming and Data (CS)	3	C
Bioscience Elective	4	C
 Minimum 2.00 GPA ASU Cumulative. Complete Mathematics (MA) requirement.		
Term hours subtotal:	16	

Term 4 46 - 60 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 BME 200: Conservation Principles in Biomedical Engineering	3	C	<ul style="list-style-type: none"> <li>Pursue an <b>undergraduate research experience</b>.</li> <li>Apply for <b>internships</b>.</li> <li>Attend <b>career fairs and events</b>.</li> </ul>
 MAT 275: Modern Differential Equations (MA)	3	C	
BME 235: Physiology for Engineers	4	C	
EEE 202: Circuits I	4	C	
Term hours subtotal:	14		

Term 5 60 - 77 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 BIO 353: Cell Biology	3	C	<ul style="list-style-type: none"> <li>Select your Upper Division Engineering Elective courses from the approved list found at the bottom of the major map.</li> <li>The general studies requirements for HU, SB, and the awareness areas (C, G, H) do not have to be taken in exact combinations as outlined on the major map. By the end of term 8, all must be completed; however, the combinations may vary.</li> <li>Plan for success using the <b>Junior Guide</b>.</li> <li>Network at <b>student organization</b> competitions or professional societies.</li> </ul>
 BME 362: Methods in Molecular and Cellular Biology	1	C	
BME 318: Biomaterials	4	C	
BME 331: Transport Phenomena for Biomedical Engineering	3	C	
Upper Division Engineering Elective	3	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	17		

Term 6 77 - 92 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 BME 360: Control in Biological Systems	3	C	<ul style="list-style-type: none"> <li>Select your Upper Division Engineering Elective courses from the approved list found at the bottom of the major map.</li> <li>Research and prepare for <b>graduate school</b>.</li> <li>Apply for an <b>engineering 4+1 program</b>.</li> <li>Develop a <b>professional profile online</b>.</li> </ul>
BME 213: Biomedical and Bioengineering Ethics	1	C	
BME 300: Bioengineering Product Design	3	C	
BME 301: Numerical Methods in Biomedical Engineering	2	C	
BME 316: Biomechanics for Biomedical Engineers	3	C	
Upper Division Engineering Elective	3	C	
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 92 - 105 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 BME 417: Biomedical Engineering Capstone Design I (L)	4	C	<ul style="list-style-type: none"> <li>Select your Upper Division Related Elective courses from the approved list found at the bottom of the major map.</li> <li>The general studies requirements for HU, SB, and the awareness areas (C, G, H) do not have to be taken in exact combinations as outlined on the major map. By the end of term 8, all must be completed; however, the combinations may vary.</li> </ul>
BME 467: Tissue Engineering and Regenerative Medicine	3	C	
Upper Division Related Elective	3	C	
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Term hours subtotal:	13		

- Plan for success using the [Senior Guide](#).
- Use [Handshake](#) to apply for full-time positions.
- Complete an in person or virtual [practice interview](#).

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ BME 490: Biomedical Engineering Capstone Design II (L)	4	C	<ul style="list-style-type: none"> <li>• Select your Upper Division Related Elective courses from the approved list found at the bottom of the major map.</li> <li>• The general studies requirements for HU, SB, and the awareness areas (C, G, H) do not have to be taken in exact combinations as outlined on the major map. By the end of term 8, all must be completed; however, the combinations may vary.</li> </ul>
Upper Division Related Elective	2	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	15		

#### Hide Course List(s)/Track Group(s)

Bioscience Electives	Upper Division Engineering Electives	Upper Division Related Electives
BIO 182: General Biology II (SG)	BIO 355: Introduction to Computational Molecular Biology (CS) or MAT 355: Introduction to Computational Molecular Biology (CS) or MBB 355: Introduction to Computational Molecular Biology (CS)	ACC 382: Accounting and Financial Analysis
BIO 201: Human Anatomy and Physiology I (SG)	BME 340: Thermodynamics for Biomedical Engineers or CHE 342: Introduction to Applied Chemical Thermodynamics	BCH 361: Advanced Principles of Biochemistry
CHM 231: Elementary Organic Chemistry (SQ) AND CHM 235: Elementary Organic Chemistry Laboratory (SQ)	BME 465: Magnetic Resonance Imaging	BCH 367: Elementary Biochemistry Laboratory
CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I	BME 494: Bioenergy and Microbial Biotechnology	BCH 461: General Biochemistry
MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG)	BME 494: Finite Element Modeling for Biomedical Application	BCH 462: General Biochemistry
	BME 494: Medical Imaging Instrumentation	BCH 467: Analytical Biochemistry Laboratory (L)
	BME 494: Polymeric Drug Delivery	BIO 302: Cancer--Mother of All Diseases (L)
	BME 494: Systems Biology of Disease	BIO 312: Bioethics (HU) or PHI 320: Bioethics (HU)
	BME 494: Technology for Global Health	BIO 331: Animal Behavior
	BMI 311: Modeling Biomedical Knowledge	BIO 340: General Genetics or MBB 347: Molecular Genetics: From Genes to Proteins
	CEE 384: Numerical Methods for Engineers (CS)	BIO 345: Evolution
	CHE 468: Polymer Principles and Processing	BIO 360: Animal Physiology
	CHE 473: Fuel Cells and Biofuel Cells	BIO 440: Functional Genomics or MBB 440: Functional Genomics
	CHE 478: Biomass Energy Conversion Technology	BIO 451: Cell Biotechnology: Cell Culture, Immunocytochemistry and Bioimaging
	CHE 479: Microbial Bioprocess Engineering	BIO 467: Neurobiology
		BME 394: Honors Research
		BME 394: SBHSE Research Projects

CHE 494: Fundamentals of Scaleup	BME 492: Honors Directed Study
CHE 494: Nanobiotechnology	BME 493: Honors Thesis (L)
CHE 494: Soft Matter Morphology	BMI 465: Introduction to Comparative Genomics
CHE 494: Sustainable Macromolecular Synthesis	BUA 380: Small Business Leadership
CHM 325: Analytical Chemistry	BUA 381: Small Business Accounting and Finance
CHM 341: Elementary Physical Chemistry or BCH 341: Physical Chemistry with a Biological Focus	BUA 383: Small Business Working Relationships
CSE 340: Principles of Programming Languages	BUS 384: Business Operations and Planning
DAT 301: Exploring Data in R and Python	CHE 475: Biochemical Engineering
EEE 334: Circuits II	CHM 302: Environmental Chemistry
EEE 350: Random Signal Analysis	CHM 326: Advanced Analytical Chemistry Laboratory
EEE 352: Properties of Electronic Materials	CIS 300: Web Design and Development
EEE 407: Digital Signal Processing	COM 312: Communication, Conflict, and Negotiation
EEE 481: Computer-Controlled Systems	CSE 310: Data Structures and Algorithms
HCD 403: Process Engineering	CSE 412: Database Management
IEE 300: Economic Analysis for Engineers	ECN 306: Survey of International Economics (SB & G)
IEE 380: Probability and Statistics for Engineering Problem Solving (CS)	
IEE 381: Lean Six Sigma Methodology	
MAE 384: Advanced Mathematical Methods for Engineers (CS)	
MAT 451: Mathematical Modeling (CS)	
MEE 322: Structural Mechanics	
MEE 340: Heat Transfer	
MSE 415: Mathematical and Computer Methods in Materials (CS)	
MSE 440: Mechanical Behavior of Materials	
MSE 450: Introduction to Materials Characterization	
MSE 451: Nanomaterials and Electronics Characterization Lab	
MSE 470: Polymers and Composites	
MSE 471: Introduction to Ceramics	
MSE 482: Materials Engineering Design (L)	
TWC 446: Technical and Scientific Reports (L)	

TWC 451: Copyright and Intellectual Property in the Electronic Age

Upper Division Related Electives continued	Upper Division Related Electives, continued
EDP 310: Developing as a Leader (SB)	MGT 300: Principles of Management and Leadership
EDP 310: Emotional Intelligence (SB)	MGT 302: Principles of International Business (G)
EDP 310: Gender Development (SB)	MGT 380: Management and Strategy for Nonmajors
EDP 310: Learning and Memory (SB)	MIC 314: HIV/AIDS: Science, Behavior, and Society
EDP 310: Motivation (SB)	MIC 360: Bacterial Physiology
EDP 310: Understanding the Brain (SB)	MIC 420: Immunology: Molecular and Cellular Foundations or BIO 420: Immunology: Molecular and Cellular Foundations
EEE 307: Signal Processing for Digital Culture	MKT 300: Marketing and Business Performance
EEE 407: Digital Signal Processing	MKT 370: Professional Sales and Relationship Management
EEE 480: Feedback Systems	MKT 390: Essentials of Marketing
ENT 305: Principles of Entrepreneurship	MKT 391: Essentials of Selling
FIN 300: Fundamentals of Finance	MSE 330: Thermodynamics of Materials
FIN 380: Personal Financial Management	MSE 335: Materials Kinetics
FSE 301: Entrepreneurship and Value Creation or ENT 360: Entrepreneurship and Value Creation	MSE 355: Structure and Defects
HCR 350: Introduction to Clinical Research	MSE 356: Thin Film and Microelectronic Devices Lab
IEE 320: Extreme Excel	MSE 420: Advanced Metallurgical Alloys and Processes
IEE 369: Work Analysis and Design (L)	MSE 421: Physical Metallurgy Laboratory
IEE 431: Engineering Administration (L)	MSE 442: Fatigue, Fracture, and Creep of Materials
IND 464: Collaborative Design Development I (L)	MSE 458: Electronic, Magnetic, and Optical Properties
IND 465: Collaborative Design Development II (L)	MSE 460: Nanomaterials in Energy Production and Storage
KIN 334: Functional Anatomy and Kinesiology	NTR 457: Sports Nutrition
KIN 340: Physiology of Exercise	PAF 301: Applied Statistics (CS)
KIN 412: Biomechanics of the Skeletal System	PAF 410: Building Leadership Skills (SB)
KIN 413: Qualitative Analysis in Sport Biomechanics	PHI 306: Applied Ethics (HU)
KIN 414: Electromyographic Kinesiology (L)	PHI 313: Probability, Evidence, and Decision
KIN 440: Exercise Biochemistry	
LES 305: Business Law and Ethics for Managers	
LES 380: Consumer Perspective of Business Law	

LSC 347: Fundamentals of Genetics	PHY 361: Introductory Modern Physics
MAE 318: System Dynamics and Control I	PSY 325: Physiological Psychology
MAE 341: Mechanism Analysis and Design	PSY 470: Psychopharmacology
MAE 417: System Dynamics and Control II	SCM 300: Global Supply Operations
MAT 300: Mathematical Structures (L)	SOC 334: Technology and Society (L or SB)
MAT 310: Introduction to Geometry	STP 420: Introductory Applied Statistics (CS)
MAT 342: Linear Algebra or MAT 343: Applied Linear Algebra	STP 421: Probability
MAT 460: Vector Calculus	STP 429: Applied Regression (CS)
MAT 462: Applied Partial Differential Equations	STS 304: Science, Technology and Society (SB)
MBB 343: Genetic Engineering and Society (L) or BIO 343: Genetic Engineering and Society (L)	STS 332: Global Issues in Science and Technology (SB)
	TEM 330: Systems Innovation

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



















## 2023 - 2024 Major Map


### Biomedical Engineering (Biomedical Devices), BSE




School/College: [Ira A. Fulton Schools of Engineering](#)



Location: [Tempe](#)




ESBMEMDBSE



Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ASU 101-BME: The ASU Experience	1	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all students.</li> <li>If ENG 105 is taken, a three credit hour applicable elective must also be taken prior to graduation. See advisor.</li> <li>Prep for success using the <a href="#">First-Year Student Guide</a>.</li> <li>Join a <a href="#">Fulton community</a>.</li> <li>Explore <a href="#">engineering and technical professions</a>.</li> </ul>
 CHM 114: General Chemistry for Engineers (SQ)	4	C	
 MAT 265: Calculus for Engineers I (MA)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
FSE 100: Introduction to Engineering	2	C	
STP 226: Elements of Statistics (CS) OR STP 231: Statistics for Life Science (CS)	3	C	
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		
Term 2 16 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 BIO 181: General Biology I (SQ)	4	C	<ul style="list-style-type: none"> <li>Create a <a href="#">Handshake</a> profile.</li> <li>Get involved with EPICS, the Generator Labs, and the <a href="#">Fulton Start-Up Center</a>.</li> </ul>
 MAT 266: Calculus for Engineers II (MA)	3	C	
 PHY 121: University Physics I: Mechanics (SQ)	3	C	
 PHY 122: University Physics Laboratory I (SQ)	1	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Complete FSE 100 course(s).			
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	14		
Term 3 30 - 46 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 242: Elementary Linear Algebra	2	C	<ul style="list-style-type: none"> <li>Select your Bioscience Elective course(s) from the approved list found at the bottom of the major map.</li> <li>Prep for success using the <a href="#">Sophomore Guide</a>.</li> </ul>
 MAT 267: Calculus for Engineers III (MA)	3	C	
 PHY 131: University Physics II: Electricity and Magnetism (SQ)	3	C	
 PHY 132: University Physics Laboratory II (SQ)	1	C	

BME 210: Programming for Biomedical Engineers: Introduction to Computers, Programming and Data (CS)	3	C
Bioscience Elective	4	C
 Minimum 2.00 GPA ASU Cumulative. Complete Mathematics (MA) requirement.		
Term hours subtotal:	16	

Term 4 46 - 60 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 BME 200: Conservation Principles in Biomedical Engineering	3	C	<ul style="list-style-type: none"> <li>Pursue an <b>undergraduate research</b> experience.</li> <li>Apply for <b>internships</b>.</li> <li>Attend <b>career fairs and events</b>.</li> </ul>
 MAT 275: Modern Differential Equations (MA)	3	C	
BME 235: Physiology for Engineers	4	C	
EEE 202: Circuits I	4	C	
Term hours subtotal:	14		

Term 5 60 - 75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 BME 350: Signals and Systems for Bioengineers	3	C	<ul style="list-style-type: none"> <li>The general studies requirements for HU, SB, and the awareness areas (C, G, H) do not have to be taken in exact combinations as outlined on the major map. By the end of term 8, all must be completed; however, the combinations may vary.</li> <li>Plan for success using the <b>Junior Guide</b>.</li> <li>Network at <b>student organization</b> competitions or professional societies.</li> </ul>
BME 213: Biomedical and Bioengineering Ethics	1	C	
BME 301: Numerical Methods in Biomedical Engineering	2	C	
BME 316: Biomechanics for Biomedical Engineers	3	C	
BME 331: Transport Phenomena for Biomedical Engineering	3	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	15		

Term 6 75 - 91 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 BME 370: Microcomputer Applications in Biomedical Engineering	3	C	<ul style="list-style-type: none"> <li>Select your Upper Division Engineering Elective course(s) from the approved list found at the bottom of the major map.</li> <li>The general studies requirements for HU, SB, and the awareness areas (C, G, H) do not have to be taken in exact combinations as outlined on the major map. By the end of term 8, all must be completed; however, the combinations may vary.</li> <li>Research and prepare for <b>graduate school</b>.</li> <li>Apply for an <b>engineering 4+1 program</b>.</li> <li>Develop a <b>professional profile online</b>.</li> </ul>
BME 300: Bioengineering Product Design	3	C	
BME 318: Biomaterials	4	C	
Upper Division Engineering Elective	3	C	
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	16		

Term 7 91 - 104 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 BME 417: Biomedical Engineering Capstone Design I (L)	4	C	<ul style="list-style-type: none"> <li>Select your Upper Division Related Elective courses from the approved list found at the bottom of the major map.</li> <li>The general studies requirements for HU, SB, and the awareness areas (C, G, H) do not have to be taken in exact combinations as outlined on the major map. By the end of term 8, all must be completed; however, the combinations may vary.</li> <li>Plan for success using the <b>Senior Guide</b>.</li> </ul>
BME 413: Biomedical Instrumentation (L)	3	C	
BME 423: Biomedical Instrumentation Laboratory (L)	1	C	
Complete 2 courses: Upper Division Related Elective	5	C	
Term hours subtotal:	13		

- Use [Handshake](#) to apply for full-time positions.
- Complete an in person or virtual [practice interview](#).

Term 8 104 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ BME 490: Biomedical Engineering Capstone Design II (L)	4	C	<ul style="list-style-type: none"> <li>• Select your Upper Division Related Elective courses from the approved list found at the bottom of the major map.</li> <li>• The general studies requirements for HU, SB, and the awareness areas (C, G, H) do not have to be taken in exact combinations as outlined on the major map. By the end of term 8, all must be completed; however, the combinations may vary.</li> </ul>
Upper Division Related Elective	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	16		

#### Hide Course List(s)/Track Group(s)

Bioscience Electives	Upper Division Engineering Electives	Upper Division Related Electives
BIO 182: General Biology II (SG)	BIO 355: Introduction to Computational Molecular Biology (CS) or MAT 355: Introduction to Computational Molecular Biology (CS) or MBB 355: Introduction to Computational Molecular Biology (CS)	ACC 382: Accounting and Financial Analysis
BIO 201: Human Anatomy and Physiology I (SG)	BME 340: Thermodynamics for Biomedical Engineers or CHE 342: Introduction to Applied Chemical Thermodynamics	BCH 361: Advanced Principles of Biochemistry
CHM 231: Elementary Organic Chemistry (SQ) AND CHM 235: Elementary Organic Chemistry Laboratory (SQ)	BME 465: Magnetic Resonance Imaging	BCH 367: Elementary Biochemistry Laboratory
CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I	BME 494: Bioenergy and Microbial Biotechnology	BCH 461: General Biochemistry
MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG)	BME 494: Finite Element Modeling for Biomedical Application	BCH 462: General Biochemistry
	BME 494: Medical Imaging Instrumentation	BCH 467: Analytical Biochemistry Laboratory (L)
	BME 494: Polymeric Drug Delivery	BIO 302: Cancer--Mother of All Diseases (L)
	BME 494: Systems Biology of Disease	BIO 312: Bioethics (HU) or PHI 320: Bioethics (HU)
	BME 494: Technology for Global Health	BIO 331: Animal Behavior
BMI 311: Modeling Biomedical Knowledge	CEE 384: Numerical Methods for Engineers (CS)	BIO 340: General Genetics or MBB 347: Molecular Genetics: From Genes to Proteins
CHE 468: Polymer Principles and Processing	CHE 473: Fuel Cells and Biofuel Cells	BIO 345: Evolution
CHE 473: Fuel Cells and Biofuel Cells	CHE 478: Biomass Energy Conversion Technology	BIO 360: Animal Physiology
CHE 478: Biomass Energy Conversion Technology	CHE 479: Microbial Bioprocess Engineering	BIO 440: Functional Genomics or MBB 440: Functional Genomics
CHE 479: Microbial Bioprocess Engineering	CHE 494: Fundamentals of Scaleup	BIO 451: Cell Biotechnology: Cell Culture, Immunocytochemistry and Bioimaging
CHE 494: Fundamentals of Scaleup		BIO 467: Neurobiology
		BME 394: Honors Research
		BME 394: SBHSE Research Projects



CHE 494: Nanobiotechnology	BME 492: Honors Directed Study
CHE 494: Soft Matter Morphology	BME 493: Honors Thesis (L)
CHE 494: Sustainable Macromolecular Synthesis	BMI 465: Introduction to Comparative Genomics
CHM 325: Analytical Chemistry	BUA 380: Small Business Leadership
CHM 341: Elementary Physical Chemistry or BCH 341: Physical Chemistry with a Biological Focus	BUA 381: Small Business Accounting and Finance
CSE 340: Principles of Programming Languages	BUA 383: Small Business Working Relationships
DAT 301: Exploring Data in R and Python	BUS 384: Business Operations and Planning
EEE 334: Circuits II	CHE 475: Biochemical Engineering
EEE 350: Random Signal Analysis	CHM 302: Environmental Chemistry
EEE 352: Properties of Electronic Materials	CHM 326: Advanced Analytical Chemistry Laboratory
EEE 407: Digital Signal Processing	CIS 300: Web Design and Development
EEE 481: Computer-Controlled Systems	COM 312: Communication, Conflict, and Negotiation
HCD 403: Process Engineering	CSE 310: Data Structures and Algorithms
IEE 300: Economic Analysis for Engineers	CSE 412: Database Management
IEE 380: Probability and Statistics for Engineering Problem Solving (CS)	ECN 306: Survey of International Economics (SB & G)
IEE 381: Lean Six Sigma Methodology	
MAE 384: Advanced Mathematical Methods for Engineers (CS)	
MAT 451: Mathematical Modeling (CS)	
MEE 322: Structural Mechanics	
MEE 340: Heat Transfer	
MSE 415: Mathematical and Computer Methods in Materials (CS)	
MSE 440: Mechanical Behavior of Materials	
MSE 450: Introduction to Materials Characterization	
MSE 451: Nanomaterials and Electronics Characterization Lab	
MSE 470: Polymers and Composites	
MSE 471: Introduction to Ceramics	
MSE 482: Materials Engineering Design (L)	
TWC 446: Technical and Scientific Reports (L)	
TWC 451: Copyright and Intellectual Property in the Electronic Age	

Upper Division Related Electives continued	Upper Division Related Electives, continued
EDP 310: Developing as a Leader (SB)	MGT 300: Principles of Management and Leadership
EDP 310: Emotional Intelligence (SB)	MGT 302: Principles of International Business (G)
EDP 310: Gender Development (SB)	MGT 380: Management and Strategy for Nonmajors
EDP 310: Learning and Memory (SB)	MIC 314: HIV/AIDS: Science, Behavior, and Society
EDP 310: Motivation (SB)	MIC 360: Bacterial Physiology
EDP 310: Understanding the Brain (SB)	MIC 420: Immunology: Molecular and Cellular Foundations or BIO 420: Immunology: Molecular and Cellular Foundations
EEE 307: Signal Processing for Digital Culture	MKT 300: Marketing and Business Performance
EEE 407: Digital Signal Processing	MKT 370: Professional Sales and Relationship Management
EEE 480: Feedback Systems	MKT 390: Essentials of Marketing
ENT 305: Principles of Entrepreneurship	MKT 391: Essentials of Selling
FIN 300: Fundamentals of Finance	MSE 330: Thermodynamics of Materials
FIN 380: Personal Financial Management	MSE 335: Materials Kinetics
FSE 301: Entrepreneurship and Value Creation or ENT 360: Entrepreneurship and Value Creation	MSE 355: Structure and Defects
HCR 350: Introduction to Clinical Research	MSE 356: Thin Film and Microelectronic Devices Lab
IEE 320: Extreme Excel	MSE 420: Advanced Metallurgical Alloys and Processes
IEE 369: Work Analysis and Design (L)	MSE 421: Physical Metallurgy Laboratory
IEE 431: Engineering Administration (L)	MSE 442: Fatigue, Fracture, and Creep of Materials
IND 464: Collaborative Design Development I (L)	MSE 458: Electronic, Magnetic, and Optical Properties
IND 465: Collaborative Design Development II (L)	MSE 460: Nanomaterials in Energy Production and Storage
KIN 334: Functional Anatomy and Kinesiology	NTR 457: Sports Nutrition
KIN 340: Physiology of Exercise	PAF 301: Applied Statistics (CS)
KIN 412: Biomechanics of the Skeletal System	PAF 410: Building Leadership Skills (SB)
KIN 413: Qualitative Analysis in Sport Biomechanics	PHI 306: Applied Ethics (HU)
KIN 414: Electromyographic Kinesiology (L)	PHI 313: Probability, Evidence, and Decision
KIN 440: Exercise Biochemistry	PHY 361: Introductory Modern Physics
LES 305: Business Law and Ethics for Managers	PSY 325: Physiological Psychology
LES 380: Consumer Perspective of Business Law	
LSC 347: Fundamentals of Genetics	
MAE 318: System Dynamics and Control I	

MAE 341: Mechanism Analysis and Design	PSY 470: Psychopharmacology
MAE 417: System Dynamics and Control II	SCM 300: Global Supply Operations
MAT 300: Mathematical Structures (L)	SOC 334: Technology and Society (L or SB)
MAT 310: Introduction to Geometry	STP 420: Introductory Applied Statistics (CS)
MAT 342: Linear Algebra or MAT 343: Applied Linear Algebra	STP 421: Probability
MAT 460: Vector Calculus	STP 429: Applied Regression (CS)
MAT 462: Applied Partial Differential Equations	STS 304: Science, Technology and Society (SB)
MBB 343: Genetic Engineering and Society (L) or BIO 343: Genetic Engineering and Society (L)	STS 332: Global Issues in Science and Technology (SB)
	TEM 330: Systems Innovation

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.






## 2023 - 2024 Major Map








### Chemical Engineering, BSE




School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Tempe](#)

ESCHEBSE

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CHM 113: General Chemistry I (SQ)	4	C	<ul style="list-style-type: none"> <li>ASU 101 or college specific equivalent First-Year Seminar required of all first-year students.</li> <li>FSE 100 required for first-year students and should be completed the first semester. Non-first-year students: see advisor for petitioning replacement electives.</li> <li>If ENG 105 is taken, a 3 hour applicable elective must also be taken prior to graduation. See advisor.</li> <li>Prep for success using the <a href="#">First-Year Student Guide</a>.</li> <li>Join a <a href="#">Fulton community</a>.</li> <li>Explore <a href="#">engineering and technical professions</a>.</li> </ul>
 FSE 100: Introduction to Engineering	2	C	
 MAT 265: Calculus for Engineers I (MA)	3	C	
ASU 101-CHE: The ASU Experience	1		
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 2 16 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CHM 116: General Chemistry II (SQ)	4	C	<ul style="list-style-type: none"> <li>Create a <a href="#">Handshake</a> profile.</li> <li>Get involved with EPICS, the Generator Labs, and the <a href="#">Fulton Start-Up Center</a>.</li> </ul>
 MAT 266: Calculus for Engineers II (MA)	3	C	
 PHY 121: University Physics I: Mechanics (SQ)	3	C	
 PHY 122: University Physics Laboratory I (SQ)	1	C	
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	14		

Term 3 30 - 45 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CHE 211: Introduction to Chemical Processing	3	C	<ul style="list-style-type: none"> <li>For more information about Bioscience Elective course options, please visit <a href="#">here</a>.</li> </ul>
 MAT 242: Elementary Linear Algebra	2	C	

❗ MAT 267: Calculus for Engineers III (MA)	3	C
CHM 233: General Organic Chemistry I	3	C
CHM 237: General Organic Chemistry Laboratory I	1	C
Bioscience Elective	3	
❗ Complete First-Year Composition requirement.		
❗ Minimum 2.00 GPA ASU Cumulative.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	15	

- Prep for success using the [Sophomore Guide](#).

Term 4 45 - 60 Credit Hours <b>Critical course signified by</b> ❗	Hours	Minimum Grade	Notes
❗ CHE 231: Introduction to Transport Phenomena I: Fluids	3	C	<ul style="list-style-type: none"> <li>• For more information about the Engineering Elective, please visit <a href="#">here</a>.</li> <li>• Pursue an <a href="#">undergraduate research experience</a>.</li> <li>• Apply for <a href="#">internships</a>.</li> <li>• Attend <a href="#">career fairs and events</a>.</li> </ul>
❗ MAT 275: Modern Differential Equations (MA)	3	C	
❗ PHY 131: University Physics II: Electricity and Magnetism (SQ)	3	C	
CHM 234: General Organic Chemistry II	3	C	
Engineering Elective	3		
Term hours subtotal:	15		

Term 5 60 - 75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ CHE 334: Introduction to Transport Phenomena II: Heat and Mass Transfer	3	C	<ul style="list-style-type: none"> <li>• For more information about the Upper Division Advanced Chemistry/Biochemistry Technical Elective, please visit <a href="#">here</a>.</li> <li>• Plan for success using the <a href="#">Junior Guide</a>.</li> <li>• Network at <a href="#">student organization</a> competitions or professional societies.</li> </ul>
★ CHE 342: Introduction to Applied Chemical Thermodynamics	3	C	
CHE 384: Numerical Methods for Chemical Engineers (CS)	3	C	
Upper Division Advanced Chemistry/Biochemistry Technical Elective	3		
Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ CHE 433: Modern Separations	3	C	<ul style="list-style-type: none"> <li>• Research and prepare for <a href="#">graduate school</a>.</li> <li>• Apply for an <a href="#">engineering 4+1 program</a>.</li> <li>• Develop a <a href="#">professional profile online</a>.</li> </ul>
★ CHE 442: Introduction to Chemical Reactor Design	3	C	
CHE 352: Chemical Engineering Lab I (L)	3	C	
IEE 300: Economic Analysis for Engineers	3	C	
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ CHE 432: Principles of Chemical Engineering Design	3	C	<ul style="list-style-type: none"> <li>• For more information about Upper Division CHE Technical Electives, please visit <a href="#">here</a>.</li> <li>• Plan for success using the <a href="#">Senior Guide</a>.</li> <li>• Use <a href="#">Handshake</a> to apply for full-time positions.</li> <li>• Complete an in person or virtual <a href="#">practice interview</a>.</li> </ul>
CHE 451: Chemical Engineering Laboratory II	3		
CHE 461: Process Dynamic Control (CS)	3		
Upper Division CHE Technical Elective	3		
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CHE 462: Process Design (L)	3		<ul style="list-style-type: none"> <li>For more information about Upper Division Advanced Chemistry/Biochemistry Technical Electives, Upper Division CHE Technical Electives, and Upper Division Natural Science or Materials Science Technical Electives, please visit: <a href="#">CHE Elective Course Options</a></li> </ul>
Upper Division Advanced Chemistry/Biochemistry Technical Elective	3		
Upper Division CHE Technical Elective	3		
Upper Division Natural Science or Materials Science Technical Elective	3		
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	15		

- For a list of Engineering Electives, Upper Division Advanced Chemistry/Biochemistry Technical Electives, CHE Upper Division Technical Electives, and Upper Division Natural Science or MSE Technical Elective course options please visit: [CHE Elective Course Options](#).

Hide Course List(s)/Track Group(s)

Bioscience Electives	Engineering Elective	Upper Division CHE Technical Electives
BIO 181: General Biology I (SQ)	BME 235: Physiology for Engineers	CHE 4** Elective
BIO 182: General Biology II (SG)	BME 465: Magnetic Resonance Imaging	By approval only:
BIO 201: Human Anatomy and Physiology I (SG)	BME 494: Bioenergy and Microbial Biotechnology	CHE 484: Internship
BIO 202: Human Anatomy and Physiology II (SG)	BME 494: Biomedical Device Design	CHE 492: Honors Directed Study
BME 111: Engineering Perspectives on Biological Systems	BME 494: Finite Element Modeling for Biomedical Application	CHE 493: Honors Thesis (L)
BME 494: Chimeras and Recombinant Organisms in Medicine	BME 494: Molecular Medicine	CHE 499: Individualized Instruction
MIC 205: Microbiology (SG)	BME 494: Molecular Synthetic Biology	
MIC 220: Biology of Microorganisms	CEE 210: Engineering Mechanics I: Statics	
	CEE 400: Earth Systems Engineering and Management ((L or HU) & H)	
	CEE 494: Sustainable Energy and Material Use	
	CSE 205: Object-Oriented Programming and Data Structures (CS)	
	DAT 301: Exploring Data in R and Python	
	EEE 202: Circuits I	
	EEE 241: Fundamentals of Electromagnetics	
	EEE 307: Signal Processing for Digital Culture	
	EEE 498: Manufacturing Science of Solar Cells	

EGR 494: Engineering in Semiconductors and Microelectronics

FSE 301: Entrepreneurship and Value Creation

FSE 394: Engineering in Global Context

FSE 494: Nuclear Prolif Secur & Safegrd

IEE 380: Probability and Statistics for Engineering Problem Solving (CS)

IEE 385: Engineering Statistics: Probability

MAE 494: Quantum Mech Eng: SW and HW of Quantum Computers or MSE 494: Quantum Mech Eng: SW and HW of Quantum Computers

MSE 250: Structure and Properties of Materials

MSE 435: Computational Materials Science and Engineering

MSE 460: Nanomaterials in Energy Production and Storage

MSE 466: Electrochemical Energy Storage and Conversion

MSE 494: Bioinspired Materials and Biomaterials

MSE 494: Electrochemical Materials Science

MSE 494: Failure Analysis of Metallic Materials

MSE 494: Manufacturing Processes for Structural Materials

Note: MSE 208, 301, or 308 cannot be used.

Note: Students taking IEE 380 or IEE 385 cannot take STP 420 or STP 421 for Natural Science/Materials Elective.

Upper Division Advanced Chemistry/Biochemistry Technical Elective

BCH 341: Physical Chemistry with a Biological Focus or CHM 341: Elementary Physical Chemistry or CHM 345: Physical Chemistry I

BCH 361: Advanced Principles of Biochemistry

BCH 461: General Biochemistry

BCH 463: Biophysical Chemistry

BCH 494: Chemical Biology

Upper Division Natural Science or Materials Science Technical Electives

BCH 494: Bioenergy and Microbial Biotechnology

BCH 494: Chemical Biology

BCH 494: Protein Biochemistry

BIO 302: Cancer--Mother of All Diseases (L)

BIO 320: Fundamentals of Ecology

BIO 325: Oceanography

BIO 340: General Genetics

BCH 494: Molecular Diagnostics	BIO 353: Cell Biology
BCH 494: Protein Biochemistry	BIO 494: Environmental Systems Biology
CHM 302: Environmental Chemistry	BME 465: Magnetic Resonance Imaging
CHM 325: Analytical Chemistry	BME 494: Bioenergy and Microbial Biotechnology
CHM 433: Advanced Organic Chemistry I	BME 494: Biomedical Device Design
CHM 435: Medicinal Chemistry	BME 494: Finite Element Modeling for Biomedical Application
CHM 453: Inorganic Chemistry	BME 494: Molecular Medicine
CHM 471: Solid-State Chemistry	BME 494: Molecular Synthetic Biology
CHM 481: Geochemistry	BME 494: Polymeric Drug Delivery
CHM 494: Bioinorganic	CEE 494: Sustainable Energy and Material Use
CHM 494: Characterization Meth.of Inorg.Compounds&Materials	EEE 352: Properties of Electronic Materials
CHM 494: Chemistry of Atmospheres	EEE 435: Fundamentals of CMOS and MEMS
CHM 494: Environmental Monitoring and Assessment Techniques	EEE 436: Fundamentals of Solid-State Devices
CHM 494: Nanomaterials	EEE 460: Nuclear Power Engineering
CHM 494: Organometallic Chemistry	EEE 463: Electrical Power Plants
CHM 494: Sustainable Macromolecular Synthesis	EEE 465: Photovoltaic Energy Conversion
CHM 494: Thermodynamics of Natural Systems	EEE 498: Manufacturing Science of Solar Cells
	GLG 321: Mineralogy
	GLG 418: Geophysics
	GLG 419: Geodynamics
	GLG 481: Geochemistry
	GLG 494: Environmental Systems Biology
	MAE 404: Finite Elements in Engineering
	MAT 310: Introduction to Geometry
	MBB 347: Molecular Genetics: From Genes to Proteins
	MIC 360: Bacterial Physiology
	MIC 420: Immunology: Molecular and Cellular Foundations
	MIC 441: Bacterial Genetics
	MIC 445: Techniques in Molecular Biology/Genetics
	MIC 461: Geomicrobiology
	MSE 355: Structure and Defects



MSE 435: Computational Materials Science and Engineering

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MSE 457: Quantum Mechanics for Understanding Properties of Atoms and Solids

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MSE 460: Nanomaterials in Energy Production and Storage

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MSE 466: Electrochemical Energy Storage and Conversion

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MSE 494: Battery Materials Science and Engineering

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MSE 494: Bioinspired Materials and Biomaterials

---

MSE 494: Composite Materials

---

MSE 494: Electrochemical Materials Science

---

MSE 494: Failure Analysis of Metallic Materials

---

MSE 494: Introduction to Powder Processing

---

MSE 494: Manufacturing Processes for Structural Materials

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PHY 312: Mechanics and Electromagnetism

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PHY 331: Principles of Modern Electromagnetism

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PHY 361: Introductory Modern Physics

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PHY 494: Introduction to Nanoscience

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STP 420: Introductory Applied Statistics (CS)

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STP 421: Probability

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Note: MSE 301 or 308 cannot be used.

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Note: Students taking STP 420 or STP 421 cannot take IEE 380 or IEE 385 for Engineering Elective.

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**Notes:**

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
  - Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.
















## 2023 - 2024 Major Map

### Civil Engineering, BSE

School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Tempe](#)

ESCEEBSE

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes	
 FSE 100: Introduction to Engineering	2	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students and should be completed the first semester.</li> <li>If ENG 105 is taken, a 3 hour applicable elective must also be taken prior to graduation. See advisor.</li> <li>Prep for success using the <a href="#">First-Year Student Guide</a>.</li> <li>Join a <a href="#">Fulton community</a>.</li> <li>Explore <a href="#">engineering and technical professions</a>.</li> </ul>	
 MAT 265: Calculus for Engineers I (MA)	3	C		
ASU 101-CEE: The ASU Experience	1			
CHM 114: General Chemistry for Engineers (SQ) OR CHM 116: General Chemistry II (SQ)	4			
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C		
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3			
 Minimum 2.00 GPA ASU Cumulative.				
Term hours subtotal:	16			
<b>Term 2 16 - 31 Credit Hours <b>Critical course signified by</b> </b>	<b>Hours</b>	<b>Minimum Grade</b>		<b>Notes</b>
 MAT 242: Elementary Linear Algebra	2	C		<ul style="list-style-type: none"> <li>Create a <a href="#">Handshake</a> profile.</li> <li>Get involved with EPICS, the Generator Labs, and the <a href="#">Fulton Start-Up Center</a>.</li> </ul>
 MAT 266: Calculus for Engineers II (MA)	3	C		
 PHY 121: University Physics I: Mechanics (SQ)	3	C		
 PHY 122: University Physics Laboratory I (SQ)	1	C		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C		
Humanities, Arts and Design (HU)	3			
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).				
 Minimum 2.00 GPA ASU Cumulative.				
Term hours subtotal:	15			
<b>Term 3 31 - 47 Credit Hours <b>Critical course signified by</b> </b>	<b>Hours</b>	<b>Minimum Grade</b>	<b>Notes</b>	
 CEE 210: Engineering Mechanics I: Statics	3	C	<ul style="list-style-type: none"> <li>Prep for success using the <a href="#">Sophomore Guide</a>.</li> </ul>	
 MAT 267: Calculus for Engineers III (MA)	3	C		
 MAT 275: Modern Differential Equations (MA)	3	C		

⚠️ PHY 131: University Physics II: Electricity and Magnetism (SQ)	3	C
⚠️ PHY 132: University Physics Laboratory II (SQ)	1	C
ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB)	3	
⚠️ Minimum 2.00 GPA ASU Cumulative. Complete Mathematics (MA) requirement.		
Term hours subtotal:	16	

Term 4 47 - 62 Credit Hours Critical course signified by ⚠️	Hours	Minimum Grade	Notes
⚠️ CEE 212: Engineering Mechanics II: Dynamics	3	C	<ul style="list-style-type: none"> <li>Pursue an <b>undergraduate research</b> experience.</li> <li>Apply for internships.</li> <li>Attend career fairs and events.</li> </ul>
⚠️ CEE 213: Introduction to Deformable Solids	3	C	
BIO 181: General Biology I (SQ) OR BIO 182: General Biology II (SG) OR CHM 231: Elementary Organic Chemistry (SQ) OR GLG 101: Introduction to Geology I (Physical) (SQ)	3-4		
IEE 380: Probability and Statistics for Engineering Problem Solving (CS)	3		
MAE 241: Introduction to Thermodynamics	3		
Term hours subtotal:	15-16		

Term 5 62 - 77 Credit Hours Necessary course signified by ⭐	Hours	Minimum Grade	Notes
⭐ CEE 321: Structural Analysis and Design	4		<ul style="list-style-type: none"> <li>Plan for success using the <b>Junior Guide</b>.</li> <li>Network at <b>student organization</b> competitions or professional societies.</li> </ul>
CEE 351: Geotechnical Engineering	4		
CEE 353: Civil Engineering Materials	4		
CEE 384: Numerical Methods for Engineers (CS)	3		
Term hours subtotal:	15		

Term 6 77 - 92 Credit Hours Necessary course signified by ⭐	Hours	Minimum Grade	Notes
⭐ CEE 300: Engineering Business Practice (L)	3		<ul style="list-style-type: none"> <li>Research and prepare for <b>graduate school</b>.</li> <li>Apply for an <b>engineering 4+1 program</b>.</li> <li>Develop a <b>professional profile online</b>.</li> </ul>
⭐ CEE 361: Introduction to Environmental Engineering	4		
CEE 341: Fluid Mechanics for Civil Engineers	4		
CEE 372: Transportation Engineering	3		
BIO OR CEE OR CHM OR GLG OR MAE OR MAT OR MEE OR EGR Elective	1		
⭐ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 92 - 107 Credit Hours Necessary course signified by ⭐	Hours	Minimum Grade	Notes
⭐ CEE 400: Earth Systems Engineering and Management ((L or HU) & H)	3		<ul style="list-style-type: none"> <li>Technical Elective and Design Elective requirements: See advisor for guidance in selection.</li> <li>Plan for success using the <b>Senior Guide</b>.</li> <li>Use <b>Handshake</b> to apply for full-time positions.</li> <li>Complete an in-person or virtual <b>practice interview</b>.</li> </ul>
Upper Division Design Elective	3		
Complete 3 courses: Technical Elective	9		
Term hours subtotal:	15		

Term 8 107 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CEE 486: Integrated Civil Engineering Design (L)	4		• Technical Elective and Design Elective requirements: See advisor for guidance in selection.
Upper Division Design Elective	3		
Technical Elective	3		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Term hours subtotal:	13		

Hide Course List(s)/Track Group(s)

Technical Elective	Design Elective
CEE 281: Surveying	CEE 412: Pavement Analysis and Design
CEE 412: Pavement Analysis and Design	CEE 420: Steel Structures
CEE 420: Steel Structures	CEE 421: Concrete Structures
CEE 421: Concrete Structures	CEE 441: Water Resources Engineering
CEE 423: Structural Design	CEE 452: Foundations
CEE 440: Hydrology	CEE 462: Unit Operations in Environmental Engineering
CEE 441: Water Resources Engineering	CEE 466: Urban Water System Design
CEE 452: Foundations	CEE 475: Highway Geometric Design
CEE 453: Earth Structures Engineering	
CEE 462: Unit Operations in Environmental Engineering	
CEE 466: Urban Water System Design	
CEE 467: Environmental Microbiology	
CEE 474: Transportation Systems Planning	
CEE 475: Highway Geometric Design	
CEE 481: Civil Engineering Project Management	
CEE 483: Highway Materials, Construction, and Quality	
CEE 493: Honors Thesis (L)	
CHE 469: Air Quality Engineering	
CON 453: Construction Technology	
FSE 301: Entrepreneurship and Value Creation	
IEE 431: Engineering Administration (L)	

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**Academic Recognition:** 56 minimum

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### **General University Requirements Legend**

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- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.
















## 2023 - 2024 Major Map

### Civil Engineering (Sustainable Engineering), BSE

School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Tempe](#)

ESCEESUBSE

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes	
 FSE 100: Introduction to Engineering	2	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students and should be completed the first semester.</li> <li>If ENG 105 is taken, a 3 hour applicable elective must also be taken prior to graduation. See advisor.</li> <li>Prep for success using the <a href="#">First-Year Student Guide</a>.</li> <li>Join a <a href="#">Fulton community</a>.</li> <li>Explore <a href="#">engineering and technical professions</a>.</li> </ul>	
 MAT 265: Calculus for Engineers I (MA)	3	C		
ASU 101-CEE: The ASU Experience	1			
CHM 114: General Chemistry for Engineers (SQ) OR CHM 116: General Chemistry II (SQ)	4			
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C		
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3			
 Minimum 2.00 GPA ASU Cumulative.				
Term hours subtotal:	16			
<b>Term 2 16 - 31 Credit Hours <b>Critical course signified by</b> </b>				
Hours	Minimum Grade	Notes		
 MAT 242: Elementary Linear Algebra	2	C	<ul style="list-style-type: none"> <li>Create a <a href="#">Handshake</a> profile.</li> <li>Get involved with EPICS, the Generator Labs, and the <a href="#">Fulton Start-Up Center</a>.</li> </ul>	
 MAT 266: Calculus for Engineers II (MA)	3	C		
 PHY 121: University Physics I: Mechanics (SQ)	3	C		
 PHY 122: University Physics Laboratory I (SQ)	1	C		
CEE 181: Technological, Social, and Sustainable Systems (HU)	3			
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).				
 Minimum 2.00 GPA ASU Cumulative.				
Term hours subtotal:	15			
<b>Term 3 31 - 47 Credit Hours <b>Critical course signified by</b> </b>				
Hours	Minimum Grade	Notes		
 CEE 210: Engineering Mechanics I: Statics	3	C	<ul style="list-style-type: none"> <li>Prep for success using the <a href="#">Sophomore Guide</a>.</li> </ul>	
 MAT 267: Calculus for Engineers III (MA)	3	C		
 MAT 275: Modern Differential Equations (MA)	3	C		

⚠ PHY 131: University Physics II: Electricity and Magnetism (SQ)	3	C
⚠ PHY 132: University Physics Laboratory II (SQ)	1	C
ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB)	3	
⚠ Minimum 2.00 GPA ASU Cumulative. Complete Mathematics (MA) requirement.		
Term hours subtotal:	16	

Term 4 47 - 62 Credit Hours Critical course signified by ⚠	Hours	Minimum Grade	Notes
⚠ CEE 212: Engineering Mechanics II: Dynamics	3	C	<ul style="list-style-type: none"> <li>Pursue an undergraduate research experience.</li> <li>Apply for internships.</li> <li>Attend career fairs and events.</li> </ul>
⚠ CEE 213: Introduction to Deformable Solids	3	C	
BIO 181: General Biology I (SQ) OR BIO 182: General Biology II (SG) OR CHM 231: Elementary Organic Chemistry (SQ) OR GLG 101: Introduction to Geology I (Physical) (SQ)	3		
IEE 380: Probability and Statistics for Engineering Problem Solving (CS)	3		
MAE 241: Introduction to Thermodynamics	3		
Term hours subtotal:	15		

Term 5 62 - 77 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CEE 361: Introduction to Environmental Engineering	4		<ul style="list-style-type: none"> <li>Plan for success using the Junior Guide.</li> <li>Network at student organization competitions or professional societies.</li> </ul>
CEE 341: Fluid Mechanics for Civil Engineers	4		
CEE 353: Civil Engineering Materials	4		
CEE 384: Numerical Methods for Engineers (CS)	3		
Term hours subtotal:	15		

Term 6 77 - 92 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CEE 300: Engineering Business Practice (L)	3		<ul style="list-style-type: none"> <li>Apply for an engineering 4+1 program.</li> <li>Develop a professional profile online.</li> </ul>
CEE 321: Structural Analysis and Design	4		
CEE 351: Geotechnical Engineering	4		
CEE 372: Transportation Engineering	3		
Elective	1		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 92 - 107 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ SOS 300: Advanced Concepts and Integrated Approaches in Sustainability	3		<ul style="list-style-type: none"> <li>Design Elective requirements: See advisor for guidance in selection.</li> <li>Plan for success using the Senior Guide.</li> <li>Use Handshake to apply for full-time positions.</li> <li>Complete an in person or virtual practice interview.</li> </ul>
CEE 485: Sustainable Civil and Environmental Systems Engineering	3		
Complete 2 courses: Upper Division Design Elective	6		
Technical Elective	3		
Term hours subtotal:	15		

Term 8 107 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ CEE 486: Integrated Civil Engineering Design (L)	4
CEE 400: Earth Systems Engineering and Management (L or HU) & H)	3
Technical Elective	3
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3
Term hours subtotal:	13

- Technical Elective requirements: See advisor for guidance in selection.

Hide Course List(s)/Track Group(s)

Design Electives	Approved Technical Elective
CEE 412: Pavement Analysis and Design	BCH 361: Advanced Principles of Biochemistry
CEE 420: Steel Structures	BIO 320: Fundamentals of Ecology
CEE 421: Concrete Structures	CEE 281: Surveying
CEE 441: Water Resources Engineering	CEE 412: Pavement Analysis and Design
CEE 452: Foundations	CEE 420: Steel Structures
CEE 462: Unit Operations in Environmental Engineering	CEE 421: Concrete Structures
CEE 466: Urban Water System Design	CEE 440: Hydrology
CEE 475: Highway Geometric Design	CEE 441: Water Resources Engineering
	CEE 452: Foundations
	CEE 462: Unit Operations in Environmental Engineering
	CEE 466: Urban Water System Design
	CEE 474: Transportation Systems Planning
	CEE 475: Highway Geometric Design
	CEE 481: Civil Engineering Project Management
	CEE 483: Highway Materials, Construction, and Quality
	CEE 493: Honors Thesis (L)
	CEE 494: Sustainable Energy and Material Use
	CEE 499: Individualized Instruction
	CHM 302: Environmental Chemistry
	CHM 341: Elementary Physical Chemistry
	CON 453: Construction Technology
	PUP 442: Environmental Planning

Notes:

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- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.














## 2023 - 2024 Major Map

### Computer Science, BS

School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Tempe](#)

ESCSEBS

Term 1 0 - 15 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CSE 110: Principles of Programming (CS)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students and should be taken in the first semester.</li> <li>If ENG 105 is taken, a three credit hour elective must also be taken prior to graduation.</li> <li>Prep for success using the <a href="#">First-Year Student Guide</a>.</li> <li>Join a <a href="#">Fulton community</a>.</li> <li>Explore <a href="#">engineering and technical professions</a>.</li> </ul>
ASU 101-CAI: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
FSE 100: Introduction to Engineering	2	C	
MAT 265: Calculus for Engineers I (MA)	3	C	
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
 Complete Mathematics (MA) requirement.			
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15		
Term 2 15 - 31 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CSE 205: Object-Oriented Programming and Data Structures (CS)	3	C	<ul style="list-style-type: none"> <li>Three total (SQ) lab science courses are required. Two (SQ) courses must be from the same subject area and one (SQ) course must be from a different subject area.</li> <li>Create a <a href="#">Handshake</a> profile.</li> <li>Get involved with EPICS, the Generator Labs, and the <a href="#">Fulton Start-Up Center</a>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 266: Calculus for Engineers II (MA)	3	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Natural Science - Quantitative (SQ)	4		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Complete MAT 170 OR MAT 171 OR MAT 265 OR MAT 270 course(s).			
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		
Term 3 31 - 47 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CSE 120: Digital Design Fundamentals	3	C	<ul style="list-style-type: none"> <li>Three total (SQ) lab science courses are required. Two (SQ) courses must be from the same subject area and one (SQ) course must be from a different subject area.</li> </ul>
 CSE 240: Introduction to Programming Languages	3	C	
 MAT 243: Discrete Mathematical Structures	3	C	

MAT 267: Calculus for Engineers III (MA) OR CSE 259: Logic in Computer Science 3 C

Natural Science - Quantitative (SQ) 4

❗ Complete MAT 266 OR MAT 271 course(s).

❗ Minimum 2.00 GPA ASU Cumulative.

Complete Mathematics (MA) requirement.

Term hours subtotal: 16

- Prep for success using the [Sophomore Guide](#).

Term 4 47 - 63 Credit Hours <b>Critical course signified by</b> ❗	Hours	Minimum Grade	Notes
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❗ CSE 230: Computer Organization and Assembly Language Programming 3 C

❗ CSE 310: Data Structures and Algorithms 3 C

Humanities, Arts and Design (HU) 3

Natural Science - Quantitative (SQ) 4

Elective 3

❗ Complete CSE 259 OR MAT 267 OR MAT 272 course(s).

❗ Minimum 2.00 GPA ASU Cumulative.

Term hours subtotal: 16

- Three total (SQ) lab science courses are required. Two (SQ) courses must be from the same subject area and one (SQ) course must be from a different subject area.
- Pursue an [undergraduate research experience](#).
- Apply for [internships](#).
- Attend [career fairs and events](#).

Term 5 63 - 79 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
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★ CSE 355: Introduction to Theoretical Computer Science 3 C

CSE 301: Computing Ethics 1 C

CSE 360: Introduction to Software Engineering 3 C

CSE 365: Information Assurance 3 C

IEE 380: Probability and Statistics for Engineering Problem Solving (CS) 3 C

Social-Behavioral Sciences (SB) AND Historical Awareness (H) 3

Term hours subtotal: 16

- Plan for success using the [Junior Guide](#).
- Network at [student organization](#) competitions or professional societies.

Term 6 79 - 94 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
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★ CSE 340: Principles of Programming Languages 3 C

CSE 330: Operating Systems 3 C

CSE 412: Database Management OR CSE 434: Computer Networks OR CSE 445: Distributed Software Development 3 C

MAT 343: Applied Linear Algebra 3 C

Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) 3

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 15

- Research and prepare for [graduate school](#).
- Apply for an [engineering accelerated program](#).
- Develop a [professional profile online](#).

Term 7 94 - 108 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
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★ CSE 485: Computer Science Capstone Project I (L) 3 C

Upper Division Technical Elective 3 C

Complete 2 courses:  
CSE 4\*\* Elective 6 C

- Please see course lists below for Technical Electives. Contact SCAI Advising or visit the [SCAI website](#) for additional information.
- Plan for success using the [Senior Guide](#).

Elective	2
Term hours subtotal:	14

- Use [Handshake](#) to apply for full-time positions.
- Complete an in person or virtual [practice interview](#).

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CSE 486: Computer Science Capstone Project II (L)	3	C	<ul style="list-style-type: none"> <li>• Please see course lists below for Technical Electives. Contact SCAI Advising or visit the <a href="#">SCAI website</a> for additional information.</li> </ul>
Upper Division Technical Elective	3	C	
Complete 2 courses:			
CSE 4** Elective	6	C	
Term hours subtotal:	12		

- Maximum three hours of FSE 301 or FSE 404 can be applied towards major requirements.
- Maximum six hours of CSE 484, CSE 492, CSE 493, CSE 499, FSE 301, and FSE 404 can be applied towards major requirements.
- CSE 475 or DAT 402 can be applied towards major requirements but not both.
- Technical Electives may require additional prerequisites.
- For additional information on major curriculum, please visit the [Computer Science Degree Requirements website](#).

Hide Course List(s)/Track Group(s)

Technical Electives	Technical Electives continued
AEE 415: Vibration Analysis	EEE 360: Energy Systems and Power Electronics
AEE 426: Design of Aerospace Structures	EEE 404: Real-Time DSP Systems
AEE 462: Space Vehicle Dynamics and Control	EEE 407: Digital Signal Processing
AEE 463: Aircraft Propulsion	EEE 425: Digital Systems and Circuits
AEE 465: Rocket Propulsion	EEE 433: Analog Integrated Circuits
AEE 468: Aircraft Systems Design	EEE 434: Quantum Mechanics for Engineers
AEE 471: Computational Fluid Dynamics	EEE 435: Fundamentals of CMOS and MEMS
AME 430: Mac Development for Media Arts	EEE 436: Fundamentals of Solid-State Devices
AME 435: Mobile Development	EEE 437: Optoelectronics
BCH 361: Advanced Principles of Biochemistry	EEE 439: Semiconductor Facilities and Cleanroom Practices
BCH 461: General Biochemistry	EEE 443: Antennas for Wireless Communications
BCH 462: General Biochemistry	EEE 445: Microwaves
BIO 340: General Genetics	EEE 448: Fiber Optics
BIO 343: Genetic Engineering and Society (L)	EEE 455: Communication Systems
BIO 345: Evolution	EEE 459: Communication Networks
BME 350: Signals and Systems for Bioengineers	

BME 413: Biomedical Instrumentation (L)	EEE 460: Nuclear Power Engineering
BME 416: Advanced Biomechanics	EEE 463: Electrical Power Plants
BME 494: Applied Computational Behavioral Science	EEE 470: Electric Power Devices
CEE 412: Pavement Analysis and Design	EEE 471: Power System Analysis
CEE 432: Developing Software for Engineering Applications	EEE 473: Electrical Machinery
CEE 440: Hydrology	EEE 480: Feedback Systems
CEE 441: Water Resources Engineering	EEE 481: Computer-Controlled Systems
CEE 452: Foundations	FSE 301: Entrepreneurship and Value Creation
CEE 462: Unit Operations in Environmental Engineering	FSE 394: Engineering for Humanity
CEE 466: Urban Water System Design	FSE 404: EPICS Gold: EPICS in Action
CEE 467: Environmental Microbiology	IEE 376: Operations Research Deterministic Techniques/Applications
CEE 474: Transportation Systems Planning	IEE 381: Lean Six Sigma Methodology
CEE 475: Highway Geometric Design	IEE 385: Engineering Statistics: Probability
CEE 481: Civil Engineering Project Management	IEE 412: Introduction to Financial Engineering
CEE 483: Highway Materials, Construction, and Quality	IEE 426: Operations Research in Healthcare
CEE 486: Integrated Civil Engineering Design (L)	IEE 431: Engineering Administration (L)
CHE 342: Introduction to Applied Chemical Thermodynamics	IEE 456: Introduction to Systems Engineering
CHE 432: Principles of Chemical Engineering Design	IEE 458: Project Management
CHE 442: Introduction to Chemical Reactor Design	IEE 461: Production Control
CHE 461: Process Dynamic Control (CS)	IEE 470: Stochastic Operations Research
CHE 462: Process Design (L)	IEE 474: Quality Control
CHE 469: Air Quality Engineering	IEE 475: Simulating Stochastic Systems (CS)
CHE 475: Biochemical Engineering	MAE 341: Mechanism Analysis and Design
CIS 415: Big Data Analytics in Business	MAE 404: Finite Elements in Engineering
CPI 311: Game Engine Development	MAE 417: System Dynamics and Control II
CPI 350: Evaluation of Informatics Systems	MAE 436: Combustion
CPI 360: Decision Making and Problem Solving	MAE 455: Polymers and Composites
CPI 411: Graphics for Games	MAT Upper Division Elective
CPI 460: Intelligent Interactive Instructional Systems	Except for: MAT 300, MAT 340, MAT 342, MAT 343 and MAT 485
	MEE 351: Manufacturing Processes
	MEE 434: Internal Combustion Engines
	MEE 446: Energy Systems Design II
	MSE 335: Materials Kinetics

CPI 462: Design for Learning in Virtual Worlds	MSE 415: Mathematical and Computer Methods in Materials (CS)
CSE 320: Design and Synthesis of Digital Hardware	PHY 302: Mathematical Methods in Physics II
CSE 325: Embedded Microprocessor Systems	PHY 361: Introductory Modern Physics
CSE 335: Principles of Mobile Application Development	PHY 462: Particle and Nuclear Physics
CSE 4** Elective	SER 421: Web-Based Applications
DAT 300: Mathematical Tools for Data Science	SER 422: Web Application Programming
DAT 301: Exploring Data in R and Python	SER 423: Mobile Systems
DAT 401: Statistical Modeling and Inference for Data Science	STP 421: Probability
DAT 402: Machine Learning for Data Science	STP 425: Stochastic Processes
EEE 304: Signals and Systems II	STP 427: Mathematical Statistics
EEE 333: Hardware Design Languages and Programmable Logic	STP 429: Applied Regression (CS)
EEE 335: Analog and Digital Circuits	
EEE 350: Random Signal Analysis	

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map




### Computer Science, BS



School/College: [Ira A. Fulton Schools of Engineering](#)





Location: [Online ASU Local](#)

ESCSEBS




Term 1 - A 0 - 6 Credit Hours	Hours	Minimum Grade	Notes
ASU 101-CAI: The ASU Experience	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students and should be taken in the first semester.</li> <li>If ENG 105 is taken, a three credit hour elective must also be taken prior to graduation.</li> <li>Prep for success using the <a href="#">First-Year Student Guide</a>.</li> <li>Join a <a href="#">Fulton community</a>.</li> <li>Explore <a href="#">engineering and technical professions</a>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
FSE 100: Introduction to Engineering	2	C	
Term hours subtotal:	6		



Term 1 - B 6 - 12 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CSE 110: Principles of Programming (CS)	3	C	<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	6		



Term 2 - A 12 - 18 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CSE 205: Object-Oriented Programming and Data Structures (CS)	3	C	<ul style="list-style-type: none"> <li>Create a <a href="#">Handshake profile</a>.</li> <li>Get involved with EPICS, the Generator Labs, and the <a href="#">Fulton Start-Up Center</a>.</li> </ul>
MAT 265: Calculus for Engineers I (MA)	3	C	
Term hours subtotal:	6		



Term 2 - B 18 - 24 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CSE 120: Digital Design Fundamentals	3	C	
MAT 266: Calculus for Engineers II (MA)	3	C	
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Complete MAT 170 OR MAT 171 OR MAT 265 OR MAT 270 course(s).			





Term hours subtotal: 6

Term 3 - A 24 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CSE 240: Introduction to Programming Languages	3	C	<ul style="list-style-type: none"> <li>• Prep for success using the <a href="#">Sophomore Guide</a>.</li> </ul>
 MAT 243: Discrete Mathematical Structures	3	C	
Term hours subtotal:	6		

Term 3 - B 30 - 36 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CSE 230: Computer Organization and Assembly Language Programming	3	C	
MAT 267: Calculus for Engineers III (MA)	3	C	
Complete Mathematics (MA) requirement.			
Term hours subtotal:	6		

Term 4 - A 36 - 42 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CSE 310: Data Structures and Algorithms	3	C	<ul style="list-style-type: none"> <li>• CSE 310 and CSE 360 are both Session C courses (15 weeks long).</li> </ul>
CSE 360: Introduction to Software Engineering	3	C	
Term hours subtotal:	6		

Term 4 - B 42 - 48 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
Natural Science - Quantitative (SQ)	4		<ul style="list-style-type: none"> <li>• Three total (SQ) lab science courses are required. Two (SQ) courses must be from the same subject area and one (SQ) course must be from a different subject area.</li> <li>• Plan for success using the <a href="#">Junior Guide</a>.</li> </ul>
Elective	2		
 Complete MAT 266 OR MAT 271 course(s).			
Term hours subtotal:	6		

Term 5 - A 48 - 54 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 CSE 330: Operating Systems	3	C	<ul style="list-style-type: none"> <li>• CSE 330 and CSE 355 are both Session C courses (15 weeks long).</li> </ul>
 CSE 355: Introduction to Theoretical Computer Science	3	C	
 Complete MAT 267 OR MAT 272 course(s).			
Term hours subtotal:	6		

Term 5 - B 54 - 61 Credit Hours	Hours	Minimum Grade	Notes
CSE 301: Computing Ethics	1	C	
Upper Division Technical Elective	3	C	
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	7		

Term 6 - A 61 - 67 Credit Hours	Hours	Minimum Grade	Notes
CSE 365: Information Assurance	3	C	<ul style="list-style-type: none"> <li>• CSE 365 is a Session C course (15 weeks long).</li> <li>• CSE 412 / CSE 445 are in Session C (15 weeks long).</li> <li>• Develop a <a href="#">professional profile online</a>.</li> </ul>
CSE 412: Database Management OR CSE 445: Distributed Software Development	3	C	
Term hours subtotal:	6		

Term 6 - B 67 - 73 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CSE 340: Principles of Programming Languages	3	C	
MAT 343: Applied Linear Algebra	3	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:		6	

Term 7 - A 73 - 79 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ IEE 380: Probability and Statistics for Engineering Problem Solving (CS)	3	C	• IEE 380 and the CSE 4** (400-Level) Elective are both Session C courses (15 weeks long).
CSE 4** Elective	3	C	
Term hours subtotal:		6	

Term 7 - B 79 - 85 Credit Hours	Hours	Minimum Grade	Notes
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Elective	3		
Term hours subtotal:		6	

Term 8 - A 85 - 91 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CSE 485: Computer Science Capstone Project I (L)	3	C	• CSE 485 and the CSE 4** (400-Level) Elective are both Session C courses (15 weeks long).
CSE 4** Elective	3	C	
Term hours subtotal:		6	

Term 8 - B 91 - 98 Credit Hours	Hours	Minimum Grade	Notes
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		• Three total (SQ) lab science courses are required. Two (SQ) courses must be from the same subject area and one (SQ) course must be from a different subject area.
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:		7	

Term 9 - A 98 - 104 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CSE 486: Computer Science Capstone Project II (L)	3	C	• CSE 486 and the CSE 4** (400-Level) Elective are both Session C courses (15 weeks long).
CSE 4** Elective	3	C	
Term hours subtotal:		6	

Term 9 - B 104 - 111 Credit Hours	Hours	Minimum Grade	Notes
Natural Science - Quantitative (SQ)	4		• Three total (SQ) lab science courses are required. Two (SQ) courses must be from the same subject area and one (SQ) course must be from a different subject area.
Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3		
Term hours subtotal:		7	

Term 10 - A 111 - 117 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CSE 4** Elective	3	C	• The CSE 4** (400-Level) Elective is a Session C course (15 weeks long).
Upper Division Technical Elective	3	C	

Term hours subtotal: 6

Term 10 - B 117 - 120 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:		3	

- Maximum three hours of FSE 301 or FSE 404 can be applied towards major requirements.
- Maximum six hours of CSE 484, CSE 492, CSE 493, CSE 499, FSE 301, and FSE 404 can be applied towards major requirements.
- CSE 475 or DAT 402 can be applied towards major requirements but not both.
- Technical Electives may require additional prerequisites.
- For additional information on major curriculum, please visit the [Computer Science Degree Requirements website](#).

Hide Course List(s)/Track Group(s)

Technical Electives	Technical Electives continued
BCH 361: Advanced Principles of Biochemistry	EEE 360: Energy Systems and Power Electronics
BCH 461: General Biochemistry	EEE 407: Digital Signal Processing
BCH 462: General Biochemistry	EEE 425: Digital Systems and Circuits
BIO 340: General Genetics	EEE 433: Analog Integrated Circuits
BIO 345: Evolution	EEE 434: Quantum Mechanics for Engineers
CIS 415: Big Data Analytics in Business	EEE 435: Fundamentals of CMOS and MEMS
CSE 4** Elective	EEE 436: Fundamentals of Solid-State Devices
DAT 300: Mathematical Tools for Data Science	EEE 439: Semiconductor Facilities and Cleanroom Practices
DAT 301: Exploring Data in R and Python	EEE 445: Microwaves
DAT 401: Statistical Modeling and Inference for Data Science	EEE 448: Fiber Optics
DAT 402: Machine Learning for Data Science	EEE 459: Communication Networks
EEE 304: Signals and Systems II	EEE 460: Nuclear Power Engineering
EEE 333: Hardware Design Languages and Programmable Logic	EEE 463: Electrical Power Plants
EEE 335: Analog and Digital Circuits	EEE 470: Electric Power Devices
EEE 350: Random Signal Analysis	EEE 471: Power System Analysis
	EEE 481: Computer-Controlled Systems
	FSE 301: Entrepreneurship and Value Creation
	IEE 376: Operations Research Deterministic Techniques/Applications
	IEE 381: Lean Six Sigma Methodology

IEE 385: Engineering Statistics: Probability

IEE 412: Introduction to Financial Engineering

IEE 431: Engineering Administration (L)

IEE 456: Introduction to Systems Engineering

IEE 458: Project Management

IEE 461: Production Control

IEE 470: Stochastic Operations Research

IEE 474: Quality Control

MAE 417: System Dynamics and Control II

PHY 302: Mathematical Methods in Physics II

PHY 361: Introductory Modern Physics

SER 421: Web-Based Applications

SER 423: Mobile Systems

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.














## 2023 - 2024 Major Map

### Computer Science (Cybersecurity), BS

School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Tempe](#)

ESCSEIBS

Term 1 0 - 15 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CSE 110: Principles of Programming (CS)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students and should be taken in the first semester.</li> <li>If ENG 105 is taken, a 3 credit hour elective must also be taken prior to graduation.</li> <li>Prep for success using the <a href="#">First-Year Student Guide</a>.</li> <li>Join a <a href="#">Fulton community</a>.</li> <li>Explore <a href="#">engineering and technical professions</a></li> </ul>
ASU 101-CAI: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
FSE 100: Introduction to Engineering	2	C	
MAT 265: Calculus for Engineers I (MA)	3	C	
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
 Complete Mathematics (MA) requirement.			
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15		
Term 2 15 - 31 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CSE 205: Object-Oriented Programming and Data Structures (CS)	3	C	<ul style="list-style-type: none"> <li>Three total (SQ) lab science courses are required. Two (SQ) courses must be from the same subject area and one (SQ) course must be from a different subject area.</li> <li>Create a <a href="#">Handshake</a> profile.</li> <li>Get involved with EPICS, the Generator Labs, and the <a href="#">Fulton Start-Up Center</a>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 266: Calculus for Engineers II (MA)	3	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Natural Science - Quantitative (SQ)	4		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Complete MAT 170 OR MAT 171 OR MAT 265 OR MAT 270 course(s).			
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		
Term 3 31 - 47 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CSE 120: Digital Design Fundamentals	3	C	<ul style="list-style-type: none"> <li>Three total (SQ) lab science courses are required. Two (SQ) courses must be from the same subject area and one (SQ) course must be from a different subject area.</li> </ul>
 CSE 240: Introduction to Programming Languages	3	C	
 MAT 243: Discrete Mathematical Structures	3	C	

MAT 267: Calculus for Engineers III (MA) OR CSE 259: Logic in Computer Science	3	C
Natural Science - Quantitative (SQ)	4	
⚠ Complete MAT 266 OR MAT 271 course(s).		
⚠ Minimum 2.00 GPA ASU Cumulative.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	16	

- Prep for success using the [Sophomore Guide](#).

Term 4 47 - 63 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
⚠ CSE 230: Computer Organization and Assembly Language Programming	3	C	<ul style="list-style-type: none"> <li>• Three total (SQ) lab science courses are required. Two (SQ) courses must be from the same subject area and one (SQ) course must be from a different subject area.</li> <li>• Pursue an <a href="#">undergraduate research experience</a>.</li> <li>• Apply for <a href="#">internships</a>.</li> <li>• Attend <a href="#">career fairs and events</a>.</li> </ul>
⚠ CSE 310: Data Structures and Algorithms	3	C	
Complete 2 courses: Elective	6		
⚠ Complete CSE 259 OR MAT 267 OR MAT 272 course(s).			
⚠ Minimum 2.00 GPA ASU Cumulative.			
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	16		

Term 5 63 - 79 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ IEE 380: Probability and Statistics for Engineering Problem Solving (CS)	3	C	<ul style="list-style-type: none"> <li>• Plan for success using the <a href="#">Junior Guide</a>.</li> <li>• Network at <a href="#">student organization</a> competitions or professional societies.</li> </ul>
CSE 301: Computing Ethics	1	C	
CSE 355: Introduction to Theoretical Computer Science	3	C	
CSE 360: Introduction to Software Engineering	3	C	
CSE 365: Information Assurance	3	C	
Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3		
Term hours subtotal:	16		

Term 6 79 - 94 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ CSE 330: Operating Systems	3	C	<ul style="list-style-type: none"> <li>• CSE 434 is a prerequisite for CSE 468 which is an option for the Cybersecurity Focus Courses requirement.</li> <li>• Research and prepare for <a href="#">graduate school</a>.</li> <li>• Apply for an <a href="#">engineering 4+1 program</a>.</li> <li>• Develop a <a href="#">professional profile online</a>.</li> </ul>
★ CSE 340: Principles of Programming Languages	3	C	
CSE 412: Database Management OR CSE 434: Computer Networks OR CSE 445: Distributed Software Development	3	C	
MAT 343: Applied Linear Algebra	3	C	
Humanities, Arts and Design (HU)	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 94 - 108 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ CSE 485: Computer Science Capstone Project I (L)	3	C	<ul style="list-style-type: none"> <li>• Plan for success using the <a href="#">Senior Guide</a>.</li> </ul>
Upper Division Cybersecurity Elective	3	C	

Upper Division Cybersecurity Focus Courses	3	C
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3	
Elective	2	
Term hours subtotal:	14	

- Use [Handshake](#) to apply for full-time positions.
- Complete an in person or virtual [practice interview](#).

Term 8 108 - 120 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
 CSE 486: Computer Science Capstone Project II (L)	3	C	<ul style="list-style-type: none"> <li>• Please see course lists below for Technical Electives. Contact SCAI Advising or visit the <a href="#">Scail website</a> for additional information.</li> </ul>
Upper Division Cybersecurity Elective	3	C	
Upper Division Cybersecurity Focus Courses	3	C	
Upper Division Technical Elective	3	C	
Term hours subtotal:	12		

- Technical Electives may require additional prerequisites.
- For additional information on major curriculum, please visit the [Computer Science Degree Requirements website](#) and the [Concentration Requirements website](#).

Hide Course List(s)/Track Group(s)

Cybersecurity Focus Courses	Cybersecurity Electives	Technical Electives
CSE 466: Computer Systems Security	CSE 445: Distributed Software Development	AEE 415: Vibration Analysis
CSE 468: Computer Network Security	CSE 460: Software Analysis and Design	AEE 426: Design of Aerospace Structures
CSE 469: Computer and Network Forensics	CSE 463: Introduction to Human Computer Interaction	AEE 462: Space Vehicle Dynamics and Control
CSE 494: Artificial Intelligence for Cyber Security	CSE 464: Software Quality Assurance and Testing	AEE 463: Aircraft Propulsion
	CSE 466: Computer Systems Security	AEE 465: Rocket Propulsion
	CSE 467: Data and Information Security	AEE 468: Aircraft Systems Design
	CSE 468: Computer Network Security	AEE 471: Computational Fluid Dynamics
	CSE 469: Computer and Network Forensics	AME 430: Mac Development for Media Arts
	CSE 471: Introduction to Artificial Intelligence	AME 435: Mobile Development
	CSE 494: Artificial Intelligence for Cyber Security	BCH 361: Advanced Principles of Biochemistry
		BCH 461: General Biochemistry
		BCH 462: General Biochemistry
		BIO 340: General Genetics
		BIO 343: Genetic Engineering and Society (L)
		BIO 345: Evolution
		BME 350: Signals and Systems for Bioengineers
		BME 413: Biomedical Instrumentation (L)
		BME 416: Advanced Biomechanics



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BME 494: Applied Computational Behavioral Science

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CEE 412: Pavement Analysis and Design

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CEE 432: Developing Software for Engineering Applications

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CEE 440: Hydrology

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CEE 441: Water Resources Engineering

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CEE 452: Foundations

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CEE 462: Unit Operations in Environmental Engineering

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CEE 466: Urban Water System Design

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CEE 467: Environmental Microbiology

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CEE 474: Transportation Systems Planning

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CEE 475: Highway Geometric Design

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CEE 481: Civil Engineering Project Management

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CEE 483: Highway Materials, Construction, and Quality

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CEE 486: Integrated Civil Engineering Design (L)

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CHE 342: Introduction to Applied Chemical Thermodynamics

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CHE 432: Principles of Chemical Engineering Design

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CHE 442: Introduction to Chemical Reactor Design

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CHE 461: Process Dynamic Control (CS)

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CHE 462: Process Design (L)

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CHE 469: Air Quality Engineering

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CHE 475: Biochemical Engineering

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CIS 415: Big Data Analytics in Business

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CPI 311: Game Engine Development

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CPI 350: Evaluation of Informatics Systems

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CPI 360: Decision Making and Problem Solving

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CPI 411: Graphics for Games

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CPI 460: Intelligent Interactive Instructional Systems

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CPI 462: Design for Learning in Virtual Worlds

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CSE 320: Design and Synthesis of Digital Hardware

CSE 325: Embedded Microprocessor Systems

CSE 335: Principles of Mobile Application Development

CSE 4\*\* Elective

CSE 484: Internship

DAT 300: Mathematical Tools for Data Science

DAT 301: Exploring Data in R and Python

DAT 401: Statistical Modeling and Inference for Data Science

DAT 402: Machine Learning for Data Science

EEE 304: Signals and Systems II

EEE 333: Hardware Design Languages and Programmable Logic

EEE 335: Analog and Digital Circuits

EEE 350: Random Signal Analysis

Technical Electives continued

EEE 360: Energy Systems and Power Electronics

EEE 404: Real-Time DSP Systems

EEE 407: Digital Signal Processing

EEE 425: Digital Systems and Circuits

EEE 433: Analog Integrated Circuits

EEE 434: Quantum Mechanics for Engineers

EEE 435: Fundamentals of CMOS and MEMS

EEE 436: Fundamentals of Solid-State Devices

EEE 437: Optoelectronics

EEE 439: Semiconductor Facilities and Cleanroom Practices

EEE 443: Antennas for Wireless Communications

EEE 445: Microwaves

EEE 448: Fiber Optics

EEE 455: Communication Systems

EEE 459: Communication Networks

EEE 460: Nuclear Power Engineering

EEE 463: Electrical Power Plants

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EEE 470: Electric Power Devices

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EEE 471: Power System Analysis

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EEE 473: Electrical Machinery

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EEE 480: Feedback Systems

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EEE 481: Computer-Controlled Systems

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FSE 301: Entrepreneurship and Value Creation

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FSE 394: Engineering for Humanity

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FSE 404: EPICS Gold: EPICS in Action

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IEE 376: Operations Research Deterministic Techniques/Applications

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IEE 381: Lean Six Sigma Methodology

---

IEE 385: Engineering Statistics: Probability

---

IEE 412: Introduction to Financial Engineering

---

IEE 426: Operations Research in Healthcare

---

IEE 431: Engineering Administration (L)

---

IEE 456: Introduction to Systems Engineering

---

IEE 458: Project Management

---

IEE 461: Production Control

---

IEE 470: Stochastic Operations Research

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IEE 474: Quality Control

---

IEE 475: Simulating Stochastic Systems (CS)

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MAE 341: Mechanism Analysis and Design

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MAE 404: Finite Elements in Engineering

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MAE 417: System Dynamics and Control II

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MAE 436: Combustion

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MAE 455: Polymers and Composites

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MAT Upper Division Elective

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Except for: MAT 300, MAT 340, MAT 342, MAT 343 and MAT 485

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MSE 335: Materials Kinetics

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MEE 351: Manufacturing Processes

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MEE 434: Internal Combustion Engines

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MEE 446: Energy Systems Design II

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MSE 415: Mathematical and Computer Methods in Materials (CS)

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PHY 302: Mathematical Methods in Physics II

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PHY 361: Introductory Modern Physics

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PHY 462: Particle and Nuclear Physics

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SER 421: Web-Based Applications

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SER 422: Web Application Programming

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SER 423: Mobile Systems

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STP 421: Probability

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STP 425: Stochastic Processes

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STP 427: Mathematical Statistics

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STP 429: Applied Regression (CS)

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**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.














## 2023 - 2024 Major Map

### Computer Science (Software Engineering), BS

School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Tempe](#)

ESCSSESBS

Term 1 0 - 15 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes	
 CSE 110: Principles of Programming (CS)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students and should be taken in the first semester.</li> <li>If ENG 105 is taken, a three (3) credit hour elective must also be taken prior to graduation.</li> <li>Prep for success using the <a href="#">First-Year Student Guide</a>.</li> <li>Join a <a href="#">Fulton community</a>.</li> <li>Explore <a href="#">engineering and technical professions</a>.</li> </ul>	
ASU 101-CAI: The ASU Experience	1			
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C		
FSE 100: Introduction to Engineering	2	C		
MAT 265: Calculus for Engineers I (MA) Social-Behavioral Sciences (SB) AND Global Awareness (G)	3	C		
 Complete Mathematics (MA) requirement.				
 Minimum 2.00 GPA ASU Cumulative.				
Term hours subtotal:	15			
<b>Term 2 15 - 31 Credit Hours <b>Critical course signified by</b> </b>	<b>Hours</b>	<b>Minimum Grade</b>		<b>Notes</b>
 CSE 205: Object-Oriented Programming and Data Structures (CS)	3	C		<ul style="list-style-type: none"> <li>Three total (SQ) lab science courses are required. Two (SQ) courses must be from the same subject area and one (SQ) course must be from a different subject area.</li> <li>Create a <a href="#">Handshake</a> profile.</li> <li>Get involved with EPICS, the Generator Labs, and the <a href="#">Fulton Start-Up Center</a>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C		
MAT 266: Calculus for Engineers II (MA)	3	C		
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3			
Natural Science - Quantitative (SQ)	4			
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).				
 Complete MAT 170 OR MAT 171 OR MAT 265 OR MAT 270 course(s).				
 Minimum 2.00 GPA ASU Cumulative.				
Term hours subtotal:	16			
<b>Term 3 31 - 47 Credit Hours <b>Critical course signified by</b> </b>	<b>Hours</b>	<b>Minimum Grade</b>	<b>Notes</b>	
 CSE 120: Digital Design Fundamentals	3	C	<ul style="list-style-type: none"> <li>Three total (SQ) lab science courses are required. Two (SQ) courses must be from the same subject area and one (SQ) course must be from a different subject area.</li> </ul>	
 CSE 240: Introduction to Programming Languages	3	C		
 MAT 243: Discrete Mathematical Structures	3	C		

MAT 267: Calculus for Engineers III (MA) OR CSE 259: Logic in Computer Science 3 C

Natural Science - Quantitative (SQ) 4

❗ Complete MAT 266 OR MAT 271 course(s).

❗ Minimum 2.00 GPA ASU Cumulative.

Complete Mathematics (MA) requirement.

Term hours subtotal: 16

- Prep for success using the [Sophomore Guide](#)

Term 4 47 - 63 Credit Hours <b>Critical course signified by</b> ❗	Hours	Minimum Grade	Notes
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❗ CSE 230: Computer Organization and Assembly Language Programming 3 C

❗ CSE 310: Data Structures and Algorithms 3 C

Humanities, Arts and Design (HU) 3

Natural Science - Quantitative (SQ) 4

Elective 3

❗ Complete CSE 259 OR MAT 267 OR MAT 272 course(s).

❗ Minimum 2.00 GPA ASU Cumulative.

Term hours subtotal: 16

- Three total (SQ) lab science courses are required. Two (SQ) courses must be from the same subject area and one (SQ) course must be from a different subject area.
- Pursue an [undergraduate research experience](#).
- Apply for [internships](#).
- Attend [career fairs and events](#).

Term 5 63 - 79 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
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★ CSE 355: Introduction to Theoretical Computer Science 3 C

CSE 301: Computing Ethics 1 C

CSE 360: Introduction to Software Engineering 3 C

CSE 365: Information Assurance 3 C

IEE 380: Probability and Statistics for Engineering Problem Solving (CS) 3 C

Social-Behavioral Sciences (SB) AND Historical Awareness (H) 3

Term hours subtotal: 16

- Plan for success using the [Junior Guide](#).
- Network at [student organization](#) competitions or professional societies.

Term 6 79 - 94 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
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★ CSE 330: Operating Systems 3 C

★ CSE 340: Principles of Programming Languages 3 C

CSE 445: Distributed Software Development 3 C

MAT 343: Applied Linear Algebra 3 C

Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) 3

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 15

- Research and prepare for [graduate school](#).
- Apply for an [engineering accelerated program](#).
- Develop a [professional profile online](#).

Term 7 94 - 108 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
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★ CSE 485: Computer Science Capstone Project I (L) 3 C

CSE 460: Software Analysis and Design 3 C

CSE 464: Software Quality Assurance and Testing 3 C

Upper Division Technical Elective 3 C

- Please see course lists below for Technical Electives. Contact SCAI Advising or visit the [SCAI website](#) for additional information.
- Students should take CSE 434 as the Upper Division Technical Elective in Term 7 if they

Elective	2
Term hours subtotal:	14

plan on taking CSE 468 in Term 8. CSE 434 is a prerequisite for CSE 468.

- Plan for success using the [Senior Guide](#).
- Use [Handshake](#) to apply for full-time positions.
- Complete an in person or virtual [practice interview](#).

Term 8 108 - 120 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ CSE 486: Computer Science Capstone Project II (L)	3	C	<ul style="list-style-type: none"> <li>• CSE 468 requires CSE 434 as a prerequisite.</li> <li>• Please see course lists below for Technical Electives. Contact SCAI Advising or visit the <a href="#">SCAI website</a> for additional information.</li> </ul>
CSE 446: Software Integration and Engineering	3	C	
CSE 463: Introduction to Human Computer Interaction OR CSE 466: Computer Systems Security OR CSE 467: Data and Information Security OR CSE 468: Computer Network Security	3	C	
Upper Division Technical Elective	3	C	
Term hours subtotal:	12		

- - Maximum 3 hours of FSE 301 or FSE 404 can be applied towards major requirements.
  - Maximum 6 hours of CSE 484, CSE 492, CSE 493, CSE 499, FSE 301, and FSE 404 can be applied towards major requirements.
  - CSE 475 or DAT 402 can be applied towards major requirements but not both.
  - Technical Electives may require additional prerequisites.
  - For additional information on major curriculum please visit the [Computer Science Degree Requirements website](#) and the [Concentration Requirements Website](#).

Hide Course List(s)/Track Group(s)

Technical Electives	Technical Electives continued
AEE 415: Vibration Analysis	EEE 360: Energy Systems and Power Electronics
AEE 426: Design of Aerospace Structures	EEE 404: Real-Time DSP Systems
AEE 462: Space Vehicle Dynamics and Control	EEE 407: Digital Signal Processing
AEE 463: Aircraft Propulsion	EEE 425: Digital Systems and Circuits
AEE 465: Rocket Propulsion	EEE 433: Analog Integrated Circuits
AEE 468: Aircraft Systems Design	EEE 434: Quantum Mechanics for Engineers
AEE 471: Computational Fluid Dynamics	EEE 435: Fundamentals of CMOS and MEMS
AME 430: Mac Development for Media Arts	EEE 436: Fundamentals of Solid-State Devices
AME 435: Mobile Development	EEE 437: Optoelectronics
BCH 361: Advanced Principles of Biochemistry	EEE 439: Semiconductor Facilities and Cleanroom Practices
BCH 461: General Biochemistry	EEE 443: Antennas for Wireless Communications
BCH 462: General Biochemistry	EEE 445: Microwaves
BIO 340: General Genetics	

BIO 343: Genetic Engineering and Society (L)	EEE 448: Fiber Optics
BIO 345: Evolution	EEE 455: Communication Systems
BME 350: Signals and Systems for Bioengineers	EEE 459: Communication Networks
BME 413: Biomedical Instrumentation (L)	EEE 460: Nuclear Power Engineering
BME 416: Advanced Biomechanics	EEE 463: Electrical Power Plants
BME 494: Applied Computational Behavioral Science	EEE 470: Electric Power Devices
CEE 412: Pavement Analysis and Design	EEE 471: Power System Analysis
CEE 432: Developing Software for Engineering Applications	EEE 473: Electrical Machinery
CEE 440: Hydrology	EEE 480: Feedback Systems
CEE 441: Water Resources Engineering	EEE 481: Computer-Controlled Systems
CEE 452: Foundations	FSE 301: Entrepreneurship and Value Creation
CEE 462: Unit Operations in Environmental Engineering	FSE 394: Engineering for Humanity
CEE 466: Urban Water System Design	FSE 404: EPICS Gold: EPICS in Action
CEE 467: Environmental Microbiology	IEE 376: Operations Research Deterministic Techniques/Applications
CEE 474: Transportation Systems Planning	IEE 381: Lean Six Sigma Methodology
CEE 475: Highway Geometric Design	IEE 385: Engineering Statistics: Probability
CEE 481: Civil Engineering Project Management	IEE 412: Introduction to Financial Engineering
CEE 483: Highway Materials, Construction, and Quality	IEE 426: Operations Research in Healthcare
CEE 486: Integrated Civil Engineering Design (L)	IEE 431: Engineering Administration (L)
CHE 342: Introduction to Applied Chemical Thermodynamics	IEE 456: Introduction to Systems Engineering
CHE 432: Principles of Chemical Engineering Design	IEE 458: Project Management
CHE 442: Introduction to Chemical Reactor Design	IEE 461: Production Control
CHE 461: Process Dynamic Control (CS)	IEE 470: Stochastic Operations Research
CHE 462: Process Design (L)	IEE 474: Quality Control
CHE 469: Air Quality Engineering	IEE 475: Simulating Stochastic Systems (CS)
CHE 475: Biochemical Engineering	MAE 341: Mechanism Analysis and Design
CIS 415: Big Data Analytics in Business	MAE 404: Finite Elements in Engineering
CPI 311: Game Engine Development	MAE 417: System Dynamics and Control II
CPI 350: Evaluation of Informatics Systems	MAE 436: Combustion
	MAE 455: Polymers and Composites
	MAT Upper Division Elective
	Except for: MAT 300, MAT 342, MAT 343, and MAT 485
	MEE 351: Manufacturing Processes



CPI 360: Decision Making and Problem Solving	MEE 434: Internal Combustion Engines
CPI 411: Graphics for Games	MEE 446: Energy Systems Design II
CPI 460: Intelligent Interactive Instructional Systems	MSE 335: Materials Kinetics
CPI 462: Design for Learning in Virtual Worlds	MSE 415: Mathematical and Computer Methods in Materials (CS)
CSE 320: Design and Synthesis of Digital Hardware	PHY 302: Mathematical Methods in Physics II
CSE 325: Embedded Microprocessor Systems	PHY 361: Introductory Modern Physics
CSE 335: Principles of Mobile Application Development	PHY 462: Particle and Nuclear Physics
CSE 4** Elective	SER 421: Web-Based Applications
DAT 300: Mathematical Tools for Data Science	SER 422: Web Application Programming
DAT 301: Exploring Data in R and Python	SER 423: Mobile Systems
DAT 401: Statistical Modeling and Inference for Data Science	STP 421: Probability
DAT 402: Machine Learning for Data Science	STP 425: Stochastic Processes
EEE 304: Signals and Systems II	STP 427: Mathematical Statistics
EEE 333: Hardware Design Languages and Programmable Logic	STP 429: Applied Regression (CS)
EEE 335: Analog and Digital Circuits	
EEE 350: Random Signal Analysis	

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.





## 2023 - 2024 Major Map






### Computer Systems Engineering, BSE




School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Tempe](#)

ESCSEBSE

Term 1 0 - 15 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CSE 110: Principles of Programming (CS)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students and should be taken in the first semester.</li> <li>If ENG 105 is taken, a three (3) semester hour elective must also be taken prior to graduation.</li> <li>Prep for success using the <a href="#">First-Year Student Guide</a>.</li> <li>Join a <a href="#">Fulton community</a>.</li> <li>Explore <a href="#">engineering and technical professions</a>.</li> </ul>
ASU 101-CAI: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
FSE 100: Introduction to Engineering	2	C	
MAT 265: Calculus for Engineers I (MA)	3	C	
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
 Complete Mathematics (MA) requirement.			
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 2 15 - 31 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CSE 205: Object-Oriented Programming and Data Structures (CS)	3	C	<ul style="list-style-type: none"> <li>Create a <a href="#">Handshake</a> profile.</li> <li>Get involved with EPICS, the Generator Labs, and the <a href="#">Fulton Start-Up Center</a>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
MAT 266: Calculus for Engineers II (MA)	3	C	
Biology or Chemistry Course	4		
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Complete MAT 170 OR MAT 171 OR MAT 265 OR MAT 270 course(s).			
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 3 31 - 47 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CSE 120: Digital Design Fundamentals	3	C	<ul style="list-style-type: none"> <li>Prep for success using the <a href="#">Sophomore Guide</a>.</li> </ul>
 MAT 243: Discrete Mathematical Structures	3	C	
MAT 267: Calculus for Engineers III (MA)	3	C	

PHY 121: University Physics I: Mechanics (SQ) AND PHY 122:  
University Physics Laboratory I (SQ) 4 C

Social-Behavioral Sciences (SB) AND Historical Awareness (H) 3

❗ Complete MAT 266 OR MAT 271 course(s).

❗ Minimum 2.00 GPA ASU Cumulative.

Complete Mathematics (MA) requirement.

Term hours subtotal: 16

Term 4 47 - 63 Credit Hours Critical course signified by ❗	Hours	Minimum Grade	Notes
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❗ CSE 220: Programming for Computer Engineering 3 C

❗ CSE 230: Computer Organization and Assembly Language Programming 3 C

MAT 275: Modern Differential Equations (MA) 3 C

PHY 131: University Physics II: Electricity and Magnetism (SQ) AND  
PHY 132: University Physics Laboratory II (SQ) 4 C

Humanities, Arts and Design (HU) 3

❗ Complete MAT 267 OR MAT 272 course(s).

Term hours subtotal: 16

- Pursue an undergraduate research experience.
- Apply for internships.
- Attend career fairs and events.

Term 5 63 - 77 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ CSE 310: Data Structures and Algorithms 3 C

CSE 301: Computing Ethics 1 C

CSE 320: Design and Synthesis of Digital Hardware 3 C

EEE 202: Circuits I 4 C

IEE 380: Probability and Statistics for Engineering Problem Solving (CS) 3 C

Term hours subtotal: 14

- Plan for success using the Junior Guide.
- Network at student organization competitions or professional societies.

Term 6 77 - 93 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ CSE 325: Embedded Microprocessor Systems 3 C

CSE 330: Operating Systems 3 C

CSE 360: Introduction to Software Engineering 3 C

EEE 334: Circuits II 4 C

MAT 343: Applied Linear Algebra 3 C

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 16

- Research and prepare for graduate school.
- Apply for an engineering 4+1 program.
- Develop a professional profile online.

Term 7 93 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ CSE 423: Systems Capstone Project I (L) 3 C

CSE 434: Computer Networks 3 C

Complete 2 courses:  
Upper Division CSE Technical Elective 6 C

Upper Division Humanities, Arts and Design (HU) OR Upper  
Division Social-Behavioral Sciences (SB) 3

Term hours subtotal: 15

- Please see course lists below for CSE Technical Electives. Contact SCAI Advising or visit the SCAI website for additional information. Maximum 6 hours at the 300-level.
- Plan for success using the Senior Guide.
- Use Handshake to apply for full-time positions.

- Complete an in person or virtual [practice interview](#).

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CSE 424: Systems Capstone Project II (L)	3	C	<ul style="list-style-type: none"> <li>• Please see course lists below for CSE Technical Electives. Contact SCAI Advising or visit the <a href="#">SCAI website</a> for additional information. Maximum 6 hours at the 300-level.</li> </ul>
CSE 420: Computer Architecture I	3	C	
Complete 2 courses:			
4** Upper Division CSE Technical Elective	6	C	
Term hours subtotal:	12		

- - Maximum 3 hours of FSE 301 or FSE 404 can be applied towards major requirements.
  - Maximum 6 hours of CSE 484, CSE 492, CSE 493, CSE 499, FSE 301, and FSE 404 can be applied towards major requirements.
  - CSE 475 or DAT 402 can be applied towards major requirements but not both.
  - Technical Electives may require additional prerequisites.
  - For additional information on major curriculum please visit the [Computer Systems Engineering Degree Requirements website](#).

Hide Course List(s)/Track Group(s)

Biology or Chemistry Courses	Upper Division CSE Technical Electives
BIO 181: General Biology I (SQ)	BME 494: Applied Computational Behavioral Science
BIO 182: General Biology II (SG)	CPI 350: Evaluation of Informatics Systems
CHM 113: General Chemistry I (SQ)	CPI 411: Graphics for Games
CHM 114: General Chemistry for Engineers (SQ)	CSE 335: Principles of Mobile Application Development
CHM 116: General Chemistry II (SQ)	CSE 340: Principles of Programming Languages
	CSE 355: Introduction to Theoretical Computer Science
	CSE 365: Information Assurance
	CSE 4** Elective
	DAT 300: Mathematical Tools for Data Science
	DAT 301: Exploring Data in R and Python
	DAT 401: Statistical Modeling and Inference for Data Science
	DAT 402: Machine Learning for Data Science
	EEE 304: Signals and Systems II
	EEE 335: Analog and Digital Circuits
	EEE 350: Random Signal Analysis

EEE 404: Real-Time DSP Systems
EEE 407: Digital Signal Processing
EEE 425: Digital Systems and Circuits
EEE 455: Communication Systems
EEE 480: Feedback Systems
EEE 481: Computer-Controlled Systems
FSE 301: Entrepreneurship and Value Creation
FSE 394: Engineering for Humanity
FSE 404: EPICS Gold: EPICS in Action
IEE 385: Engineering Statistics: Probability
MAT 416: Graph Theory
MAT 421: Applied Computational Methods (CS)
MAT 447: Cryptography I
MAT 448: Cryptography II
PHY 302: Mathematical Methods in Physics II
PHY 333: Electronic Circuits and Measurements
PHY 441: Statistical and Thermal Physics

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)

- Historical Awareness (H)

#### First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.





## 2023 - 2024 Major Map






### Computer Systems Engineering (Cybersecurity), BSE




School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Tempe](#)

ESCSEIBSE

Term 1 0 - 15 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CSE 110: Principles of Programming (CS)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students and should be taken in the first semester.</li> <li>If ENG 105 is taken, a three (3) semester hour elective must also be taken prior to graduation.</li> <li>Prep for success using the <a href="#">First-Year Student Guide</a>.</li> <li>Join a <a href="#">Fulton community</a>.</li> <li>Explore <a href="#">engineering and technical professions</a>.</li> </ul>
ASU 101-CAI: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
FSE 100: Introduction to Engineering	2	C	
MAT 265: Calculus for Engineers I (MA)	3	C	
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
 Complete Mathematics (MA) requirement.			
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 2 15 - 31 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CSE 205: Object-Oriented Programming and Data Structures (CS)	3	C	<ul style="list-style-type: none"> <li>Create a <a href="#">Handshake</a> profile.</li> <li>Get involved with EPICS, the Generator Labs, and the <a href="#">Fulton Start-Up Center</a>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
MAT 266: Calculus for Engineers II (MA)	3	C	
Biology or Chemistry Course	4		
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Complete MAT 170 OR MAT 171 OR MAT 265 OR MAT 270 course(s).			
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 3 31 - 47 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CSE 120: Digital Design Fundamentals	3	C	<ul style="list-style-type: none"> <li>Prep for success using the <a href="#">Sophomore Guide</a>.</li> </ul>
 MAT 243: Discrete Mathematical Structures	3	C	
MAT 267: Calculus for Engineers III (MA)	3	C	



PHY 121: University Physics I: Mechanics (SQ) AND PHY 122:  
University Physics Laboratory I (SQ) 4 C

Social-Behavioral Sciences (SB) AND Historical Awareness (H) 3

❗ Complete MAT 266 OR MAT 271 course(s).

❗ Minimum 2.00 GPA ASU Cumulative.

Complete Mathematics (MA) requirement.

Term hours subtotal: 16

Term 4 47 - 63 Credit Hours Critical course signified by ❗	Hours	Minimum Grade	Notes
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❗ CSE 220: Programming for Computer Engineering 3 C

❗ CSE 230: Computer Organization and Assembly Language Programming 3 C

MAT 275: Modern Differential Equations (MA) 3 C

PHY 131: University Physics II: Electricity and Magnetism (SQ) AND  
PHY 132: University Physics Laboratory II (SQ) 4 C

Humanities, Arts and Design (HU) 3

❗ Complete MAT 267 OR MAT 272 course(s).

Term hours subtotal: 16

- Pursue an undergraduate research experience.
- Apply for internships.
- Attend career fairs and events.

Term 5 63 - 77 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ CSE 310: Data Structures and Algorithms 3 C

CSE 301: Computing Ethics 1 C

CSE 320: Design and Synthesis of Digital Hardware 3 C

EEE 202: Circuits I 4 C

IEE 380: Probability and Statistics for Engineering Problem Solving (CS) 3 C

Term hours subtotal: 14

- Plan for success using the Junior Guide.
- Network at student organization competitions or professional societies.

Term 6 77 - 93 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ CSE 325: Embedded Microprocessor Systems 3 C

★ CSE 330: Operating Systems 3 C

★ CSE 360: Introduction to Software Engineering 3 C

CSE 365: Information Assurance 3 C

EEE 334: Circuits II 4 C

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 16

- Research and prepare for graduate school.
- Apply for an engineering 4+1 program.
- Develop a professional profile online.

Term 7 93 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ CSE 423: Systems Capstone Project I (L) 3 C

CSE 434: Computer Networks 3 C

MAT 343: Applied Linear Algebra 3 C

Upper Division CSE Technical Elective 3 C

Upper Division Cybersecurity Focus Courses 3 C

Term hours subtotal: 15

- Plan for success using the Senior Guide.
- Use Handshake to apply for full-time positions.
- Complete an in person or virtual practice interview.

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CSE 424: Systems Capstone Project II (L)	3	C	
CSE 420: Computer Architecture I	3	C	
Upper Division Cybersecurity Focus Courses	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	12		

- Technical Electives may require additional prerequisites.
- For additional information on major curriculum please visit the [Computer Systems Engineering \(Cybersecurity\) Degree Requirements website](#).

Hide Course List(s)/Track Group(s)

Biology or Chemistry Course	Cybersecurity Focus Courses	CSE Technical Elective
BIO 181: General Biology I (SQ)	CSE 466: Computer Systems Security	BME 494: Applied Computational Behavioral Science
BIO 182: General Biology II (SG)	CSE 467: Data and Information Security	CPI 350: Evaluation of Informatics Systems
CHM 113: General Chemistry I (SQ)	CSE 468: Computer Network Security	CPI 411: Graphics for Games
CHM 114: General Chemistry for Engineers (SQ)	CSE 469: Computer and Network Forensics	CSE 335: Principles of Mobile Application Development
CHM 116: General Chemistry II (SQ)	CSE 494: Artificial Intelligence for Cyber Security	CSE 340: Principles of Programming Languages
		CSE 355: Introduction to Theoretical Computer Science
		CSE 4** Elective
		DAT 300: Mathematical Tools for Data Science
		DAT 301: Exploring Data in R and Python
		DAT 401: Statistical Modeling and Inference for Data Science
		DAT 402: Machine Learning for Data Science
		EEE 304: Signals and Systems II
		EEE 335: Analog and Digital Circuits
		EEE 350: Random Signal Analysis
		EEE 404: Real-Time DSP Systems
		EEE 407: Digital Signal Processing
		EEE 425: Digital Systems and Circuits
		EEE 455: Communication Systems
		EEE 480: Feedback Systems

EEE 481: Computer-Controlled Systems

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FSE 301: Entrepreneurship and Value Creation

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FSE 394: Engineering for Humanity

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FSE 404: EPICS Gold: EPICS in Action

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IEE 385: Engineering Statistics: Probability

---

MAT 416: Graph Theory

---

MAT 421: Applied Computational Methods (CS)

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MAT 447: Cryptography I

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MAT 448: Cryptography II

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PHY 302: Mathematical Methods in Physics II

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PHY 333: Electronic Circuits and Measurements

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PHY 441: Statistical and Thermal Physics

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**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

















## 2023 - 2024 Major Map

### Construction Engineering, BSE

School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Tempe](#)

ESCONBSE

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes	
 CHM 114: General Chemistry for Engineers (SQ) OR CHM 116: General Chemistry II (SQ)	4		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students</li> <li>If ENG 105 is taken, a 3 credit hour applicable elective must also be taken prior to graduation. See advisor.</li> <li>Prep for success using the <a href="#">First-Year Student Guide</a>.</li> <li>Join a <a href="#">Fulton community</a>.</li> <li>Explore <a href="#">engineering and technical professions</a>.</li> </ul>	
 FSE 100: Introduction to Engineering	2	C		
 MAT 265: Calculus for Engineers I (MA)	3	C		
ASU 101-CON: The ASU Experience	1			
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3			
 Minimum 2.00 GPA ASU Cumulative.				
Term hours subtotal:	16			
<b>Term 2 16 - 31 Credit Hours <b>Critical course signified by</b> </b>	<b>Hours</b>	<b>Minimum Grade</b>		<b>Notes</b>
 MAT 242: Elementary Linear Algebra	2	C		<ul style="list-style-type: none"> <li>Create a <a href="#">Handshake</a> profile.</li> <li>Get involved with EPICS, the Generator Labs, and the <a href="#">Fulton Start-Up Center</a>.</li> </ul>
 MAT 266: Calculus for Engineers II (MA)	3	C		
 PHY 121: University Physics I: Mechanics (SQ)	3	C		
 PHY 122: University Physics Laboratory I (SQ)	1	C		
CON 101: Construction and Culture: a Built Environment (HU & H)	3			
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).				
 Minimum 2.00 GPA ASU Cumulative.				
Term hours subtotal:	15			
<b>Term 3 31 - 47 Credit Hours <b>Critical course signified by</b> </b>	<b>Hours</b>	<b>Minimum Grade</b>	<b>Notes</b>	
 CNE 210: Engineering Mechanics I: Statics	3	C	<ul style="list-style-type: none"> <li>Prep for success using the <a href="#">Sophomore Guide</a>.</li> </ul>	
 CNE 243: Heavy Construction Equipment, Methods and Materials	3			
 MAT 267: Calculus for Engineers III (MA)	3	C		

⚠ MAT 275: Modern Differential Equations (MA)	3	C
⚠ PHY 131: University Physics II: Electricity and Magnetism (SQ)	3	C
⚠ PHY 132: University Physics Laboratory II (SQ)	1	C
⚠ Minimum 2.00 GPA ASU Cumulative. Complete Mathematics (MA) requirement.		
Term hours subtotal:		16

Term 4 47 - 62 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
⚠ CNE 212: Engineering Mechanics II: Dynamics	3	C	<ul style="list-style-type: none"> <li>Pursue an <b>undergraduate research experience</b>.</li> <li>Apply for <b>internships</b>.</li> <li>Attend <b>career fairs and events</b>.</li> </ul>
⚠ CNE 213: Introduction to Deformable Solids	3	C	
BIO 181: General Biology I (SQ) OR BIO 182: General Biology II (SG) OR BME 111: Engineering Perspectives on Biological Systems OR GLG 101: Introduction to Geology I (Physical) (SQ)	3-4		
CNE 271: Construction Safety	3	C	
ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB)	3		
Term hours subtotal:		15-16	

Summer 4 62 - 63 Credit Hours	Hours	Minimum Grade	Notes
CNE 296: Summer Field Internship	1	C	
Term hours subtotal:		1	

Term 5 63 - 78 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ CNE 321: Structural Analysis and Design	4		<ul style="list-style-type: none"> <li>If students take MAE 241 they will need to make up 1 credit hour in a Civil, Construction, math or science course.</li> <li>Plan for success using the <b>Junior Guide</b>.</li> <li>Network at <b>student organization</b> competitions or professional societies.</li> </ul>
CNE 353: Civil Engineering Materials	4		
EEE 202: Circuits I OR MAE 241: Introduction to Thermodynamics	4-3		
IEE 380: Probability and Statistics for Engineering Problem Solving (CS)	3		
Term hours subtotal:		15-14	

Term 6 78 - 91 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ CNE 383: Construction Estimating OR CON 486: Heavy Construction Estimating	3		<ul style="list-style-type: none"> <li>Research and prepare for <b>graduate school</b>.</li> <li>Apply for an <b>engineering 4+1 program</b>.</li> <li>Develop a <b>professional profile online</b>.</li> </ul>
CNE 241: Surveying	3		
CNE 351: Geotechnical Engineering	4		
CNE 400: Earth Systems Engineering and Management ((L or HU) & H)	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:		13	

Summer 6 91 - 92 Credit Hours	Hours	Minimum Grade	Notes
CNE 484: Internship	1		
Term hours subtotal:		1	

		Minimum	
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Term 7 92 - 107 Credit Hours Necessary course signified by ★	Hours	Grade	Notes
★ CNE 453: Construction Technology	3		<ul style="list-style-type: none"> <li>• Design Elective requirements: complete a total of 2 design electives.</li> <li>• Plan for success using the <a href="#">Senior Guide</a>.</li> <li>• Use <a href="#">Handshake</a> to apply for full-time positions.</li> </ul>
CNE 495: Construction Planning and Scheduling (CS)	3		
Upper Division Design Elective	3		
Upper Division Technical Elective	3		
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Term hours subtotal:	15		

Term 8 107 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CNE 486: Integrated Civil Engineering Design (L)	4		<ul style="list-style-type: none"> <li>• Design Elective requirements: complete a total of 2 design electives.</li> </ul>
CNE 455: Construction Project Management	3		
CNE 496: Construction Contract Administration (L)	3		
Upper Division Design Elective	3		
Term hours subtotal:	13		

Hide Course List(s)/Track Group(s)

Design Elective	Technical Elective
CEE 420: Steel Structures	CEE 372: Transportation Engineering
CEE 421: Concrete Structures	CEE 412: Pavement Analysis and Design
CEE 452: Foundations	CEE 420: Steel Structures
	CEE 421: Concrete Structures
	CEE 432: Developing Software for Engineering Applications
	CEE 440: Hydrology
	CEE 441: Water Resources Engineering
	CEE 452: Foundations
	CEE 462: Unit Operations in Environmental Engineering
	CEE 466: Urban Water System Design
	CEE 467: Environmental Microbiology
	CEE 474: Transportation Systems Planning
	CEE 475: Highway Geometric Design
	CEE 481: Civil Engineering Project Management
	CEE 483: Highway Materials, Construction, and Quality
	CEE 493: Honors Thesis (L)
	CEE 494: Concrete Canoe Design
	CEE 494: Steel Bridge Design

CON 296: Summer Field Internship

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CON 310: Testing of Materials for  
Construction

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CON 345: Mechanical Systems

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CON 448: Sustainable Construction

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CON 454: Trenchless Construction Methods

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CON 493: Honors Thesis (L)

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FSE 301: Entrepreneurship and Value  
Creation

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**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.














## 2023 - 2024 Major Map

### Construction Management and Technology, BS


School/College: [Ira A. Fulton Schools of Engineering](#)




Location: [Tempe](#)

ESCONMGTB5



Term 1 0 - 15 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes	
 CON 100: Introduction to Construction	2	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students and should be taken the first semester.</li> <li>Prep for success using the <a href="#">First-Year Student Guide</a>.</li> <li>Join a <a href="#">Fulton community</a>.</li> <li>Explore <a href="#">engineering and technical professions</a>.</li> </ul>	
 CON 101: Construction and Culture: a Built Environment (HU & H)	3	C		
 CON 252: Building Construction Methods, Materials, and Equipment	3	C		
 MAT 170: Precalculus (MA)	3	C		
ASU 101-CON: The ASU Experience	1			
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C		
 Minimum 2.00 GPA ASU Cumulative.				
Term hours subtotal:	15			
<b>Term 2 15 - 31 Credit Hours Critical course signified by </b>				
Hours	Minimum Grade	Notes		
 CON 244: Working Drawing Analysis	3	C	<ul style="list-style-type: none"> <li>Create a <a href="#">Handshake</a> profile.</li> <li>Get involved with EPICS, the Generator Labs, and the <a href="#">Fulton Start-Up Center</a>.</li> </ul>	
COM 225: Public Speaking (L)	3			
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C		
PHY 111: General Physics (SQ)	3	C		
PHY 113: General Physics Laboratory (SQ)	1	C		
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3			
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).				
 Minimum 2.00 GPA ASU Cumulative.				
Term hours subtotal:	16			
<b>Term 3 31 - 46 Credit Hours Critical course signified by </b>				
Hours	Minimum Grade	Notes		
 CON 221: Applied Statics	3	C	<ul style="list-style-type: none"> <li>Prep for success using the <a href="#">Sophomore Guide</a>.</li> </ul>	
 CON 251: Microcomputer Applications for Construction	3	C		
CON 243: Heavy Construction Equipment, Methods and Materials	3	C		






ECN 211: Macroeconomic Principles (SB)	3
STP 226: Elements of Statistics (CS)	3
 Minimum 2.00 GPA ASU Cumulative.	
Complete Mathematics (MA) requirement.	
Term hours subtotal:	15


Term 4 46 - 61 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CON 223: Strength of Materials	3	C	<ul style="list-style-type: none"> <li>Pursue an <b>undergraduate research experience</b>.</li> <li>Apply for <b>internships</b>.</li> <li>Attend <b>career fairs and events</b>.</li> </ul>
 CON 271: Construction Safety	3	C	
CON 241: Surveying	3	C	
CON 345: Mechanical Systems	3		
ECN 212: Microeconomic Principles (SB)	3		
Term hours subtotal:	15		

Summer 4 61 - 62 Credit Hours	Hours	Minimum Grade	Notes
CON 296: Summer Field Internship	1	C	
Term hours subtotal:	1		

Term 5 62 - 77 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 CON 310: Testing of Materials for Construction	2		<ul style="list-style-type: none"> <li>Plan for success using the <b>Junior Guide</b>.</li> <li>Network at <b>student organization competitions</b> or professional societies.</li> </ul>
CON 273: Electrical Construction Fundamentals and Project Management	3	C	
CON 383: Construction Estimating OR CON 486: Heavy Construction Estimating	3		
CON 453: Construction Technology	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	15		

Term 6 77 - 92 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 CON 495: Construction Planning and Scheduling (CS)	3		<ul style="list-style-type: none"> <li>Research and prepare for <b>graduate school</b>.</li> <li>Apply for an <b>engineering 4+1 program</b>.</li> <li>Develop a <b>professional profile online</b>.</li> </ul>
CON 424: Structural Design	3		
CON 448: Sustainable Construction	3		
MGT 380: Management and Strategy for Nonmajors	3		
Upper Division Construction Elective	3		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Summer 6 92 - 93 Credit Hours	Hours	Minimum Grade	Notes
CON 484: Internship	1		
Term hours subtotal:	1		

Term 7 93 - 108 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 CON 455: Construction Project Management	3		

ACC 382: Accounting and Financial Analysis	3
CON 487: Project Controls	3
Upper Division Construction Elective	3
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) AND Global Awareness (G)	3
Term hours subtotal:	15

- Students must have a minimum 2.50 GPA in order to take LES 305.
- Plan for success using the **Senior Guide**.
- Use **Handshake** to apply for full-time positions.
- Complete an in person or virtual **practice interview**.

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CON 491: Construction Project Capstone	3		
CON 496: Construction Contract Administration (L)	3		
LES 305: Business Law and Ethics for Managers	3		
Upper Division Construction Elective	3		
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

Construction Elective
CON 343: Advanced Heavy Equipment Operations
CON 384: Environmental Aspects of Heavy Construction
CON 394: Special Topics
CON 446: Marketing for Construction
CON 450: Geotechnical Applications for Construction
CON 454: Trenchless Construction Methods
CON 457: Principles of Leadership for Project Managers
CON 483: Advanced Building Estimating
CON 486: Heavy Construction Estimating
CON 488: Heavy Construction Earthworks
CON 494: Special Topics

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.




## 2023 - 2024 Major Map







### Electrical Engineering, BSE



School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Tempe](#)

ESEEEBSE

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 265: Calculus for Engineers I (MA)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students and should be taken the first semester.</li> <li>If ENG 105 is taken, a 3 hour applicable elective must also be taken prior to graduation. See advisor.</li> <li>Students who have credit for CHM 113 should take CHM 116.</li> <li>Prep for success using the <a href="#">First-Year Student Guide</a>.</li> <li>Join a <a href="#">Fulton community</a>.</li> <li>Explore <a href="#">engineering and technical professions</a>.</li> </ul>
ASU 101-EEE: The ASU Experience	1		
CHM 114: General Chemistry for Engineers (SQ) OR CHM 116: General Chemistry II (SQ)	4		
CSE 100: Principles of Programming with C++ (CS) OR CSE 110: Principles of Programming (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
FSE 100: Introduction to Engineering	2		
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 266: Calculus for Engineers II (MA)	3	C	<ul style="list-style-type: none"> <li>Create a <a href="#">Handshake</a> profile.</li> <li>Get involved with EPICS, the Generator Labs, and the <a href="#">Fulton Start-Up Center</a>.</li> </ul>
 PHY 121: University Physics I: Mechanics (SQ)	3	C	
 PHY 122: University Physics Laboratory I (SQ)	1	C	
EEE 120: Digital Design Fundamentals	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 3 32 - 46 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 EEE 202: Circuits I	4		<ul style="list-style-type: none"> <li>Prep for success using the <a href="#">Sophomore Guide</a>.</li> </ul>
MAT 267: Calculus for Engineers III (MA)	3	C	
MAT 275: Modern Differential Equations (MA)	3	C	

PHY 131: University Physics II: Electricity and Magnetism (SQ)	3	C
PHY 132: University Physics Laboratory II (SQ)	1	C
❗ Complete First-Year Composition requirement.		
❗ Minimum 2.00 GPA ASU Cumulative.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	14	

Term 4 46 - 61 Credit Hours Critical course signified by ❗	Hours	Minimum Grade	Notes
❗ EEE 203: Signals and Systems I	3		<ul style="list-style-type: none"> <li>Pursue an undergraduate research experience.</li> <li>Apply for internships.</li> <li>Attend career fairs and events.</li> </ul>
❗ EEE 241: Fundamentals of Electromagnetics	3		
MAT 342: Linear Algebra OR MAT 343: Applied Linear Algebra	3	C	
PHY 241: University Physics III	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	15		

Term 5 61 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ EEE 334: Circuits II	4		<ul style="list-style-type: none"> <li>Plan for success using the Junior Guide.</li> <li>Network at student organization competitions or professional societies.</li> </ul>
EEE 230: Computer Organization and Assembly Language Programming	3		
EEE 350: Random Signal Analysis	3		
Upper Division Area Pathway Course	4		
Term hours subtotal:	14		

Term 6 75 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Complete 3 courses: Upper Division Area Pathway Course	12		<ul style="list-style-type: none"> <li>Research and prepare for graduate school.</li> <li>Apply for an engineering 4+1 program.</li> <li>Develop a professional profile online.</li> </ul>
ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB)	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ EEE 488: Senior Design Laboratory I (L)	3		<ul style="list-style-type: none"> <li>Plan for success using the Senior Guide.</li> <li>Use Handshake to apply for full-time positions.</li> </ul>
Upper Division Math or Science or Engineering Elective	3		
Complete 2 courses: Upper Division Technical Elective	6		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ EEE 489: Senior Design Laboratory II (L)	3		
Complete 3 courses: Upper Division Technical Elective	9		
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		

Term hours subtotal: 15

Hide Course List(s)/Track Group(s)

Technical Electives	Math or Science or Engineering Elective	Area Pathway Course
EEE 404: Real-Time DSP Systems	AEE Upper Division Elective	EEE 304: Signals and Systems II
EEE 405: Machine Learning Basics with Deployment to FPGAs	BIO Upper Division Elective	EEE 333: Hardware Design Languages and Programmable Logic
EEE 407: Digital Signal Processing	BME Upper Division Elective	EEE 335: Analog and Digital Circuits
EEE 419: Python for Rapid Engineering Solutions	CEE Upper Division Elective	EEE 341: Engineering Electromagnetics
EEE 425: Digital Systems and Circuits	CHE Upper Division Elective	EEE 352: Properties of Electronic Materials
EEE 433: Analog Integrated Circuits	CHM Upper Division Elective	EEE 360: Energy Systems and Power Electronics
EEE 434: Quantum Mechanics for Engineers	CPI Upper Division Elective	
EEE 435: Fundamentals of CMOS and MEMS	CSE Upper Division Elective	
EEE 436: Fundamentals of Solid-State Devices	FSE 301: Entrepreneurship and Value Creation	
EEE 437: Optoelectronics	IEE Upper Division Elective	
EEE 439: Semiconductor Facilities and Cleanroom Practices	MAE Upper Division Elective	
EEE 443: Antennas for Wireless Communications	MAT Upper Division Elective	
EEE 445: Microwaves	MSE Upper Division Elective	
EEE 448: Fiber Optics	PHY Upper Division Elective	
EEE 455: Communication Systems	STP 420: Introductory Applied Statistics (CS)	
EEE 459: Communication Networks	STP 421: Probability	
EEE 460: Nuclear Power Engineering	Upper Division Technical Elective	
EEE 463: Electrical Power Plants		
EEE 465: Photovoltaic Energy Conversion		
EEE 470: Electric Power Devices		
EEE 471: Power System Analysis		
EEE 472: Power Electronics and Power Management		
EEE 473: Electrical Machinery		
EEE 480: Feedback Systems		
EEE 481: Computer-Controlled Systems		
EEE 492: Honors Directed Study		
EEE 493: Honors Thesis (L)		

EEE 498: Emerging Technology in  
Automotive & Transportation

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EEE 498: Lithium-Ion Battery Technlgy  
Automtve Electrictn

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EEE 498: Manufacturing Science of Solar  
Cells

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EEE 498: Nuclear Prolif Secur & Safegrd

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EEE 498: Quantum Optics and Quantum  
Information

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EEE 498: Renewable Energy Technology and  
Systems

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EEE 498: Science and Technology of Solar  
Cell Fabrication

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**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.
- Accredited by the Engineering Accreditation Commission of ABET, <http://www.abet.org/>.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map




### Electrical Engineering, BSE




School/College: [Ira A. Fulton Schools of Engineering](#)




Location: [Online ASU Local](#)

ESEEEBSE

















Term 1 - A 0 - 6 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 265: Calculus for Engineers I (MA)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students</li> <li>If ENG 105 is taken, a 3 hour applicable elective must also be taken prior to graduation. See advisor.</li> </ul>
ASU 101-ONL: The ASU Experience	1		
FSE 100: Introduction to Engineering	2		
Term hours subtotal:	6		

Term 1 - B 6 - 12 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 266: Calculus for Engineers II (MA)	3	C	<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> <li>Prep for success using the <a href="#">First-Year Student Guide</a>.</li> <li>Join a <a href="#">Fulton community</a>.</li> <li>Explore <a href="#">engineering and technical professions</a>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	6		

Term 2 - A 12 - 20 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 PHY 121: University Physics I: Mechanics (SQ)	3	C	Students who have credit for CHM 113 should take CHM 116.
 PHY 122: University Physics Laboratory I (SQ)	1	C	
CHM 114: General Chemistry for Engineers (SQ) OR CHM 116: General Chemistry II (SQ)	4		
Term hours subtotal:	8		

Term 2 - B 20 - 26 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR			<ul style="list-style-type: none"> <li>Create a <a href="#">Handshake</a> profile.</li> <li>Get involved with EPICS, the Generator Labs, and the <a href="#">Fulton Start-Up Center</a>.</li> </ul>
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
MAT 267: Calculus for Engineers III (MA)	3	C	
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	6		



Term 3 - A 26 - 33 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 PHY 131: University Physics II: Electricity and Magnetism (SQ)	3	C	
 PHY 132: University Physics Laboratory II (SQ)	1	C	
EEE 120: Digital Design Fundamentals	3	C	
Term hours subtotal:	7		
Term 3 - B 33 - 39 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 275: Modern Differential Equations (MA)	3	C	<ul style="list-style-type: none"> <li>• Prep for success using the <a href="#">Sophomore Guide</a>.</li> </ul>
CSE 100: Principles of Programming with C++ (CS) OR CSE 110: Principles of Programming (CS)	3	C	
 Complete First-Year Composition requirement.			
 Minimum 2.00 GPA ASU Cumulative.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	6		
Term 4 - A 39 - 46 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 EEE 202: Circuits I	4		
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	7		
Term 4 - B 46 - 52 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 EEE 241: Fundamentals of Electromagnetics	3		<ul style="list-style-type: none"> <li>• Pursue an <a href="#">undergraduate research</a> experience.</li> <li>• Apply for <a href="#">internships</a>.</li> <li>• Attend <a href="#">career fairs</a> and events.</li> </ul>
MAT 343: Applied Linear Algebra	3	C	
Term hours subtotal:	6		
Term 5 - A 52 - 58 Credit Hours	Hours	Minimum Grade	Notes
PHY 241: University Physics III	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	6		
Term 5 - B 58 - 65 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 EEE 334: Circuits II	4		<ul style="list-style-type: none"> <li>• Plan for success using the <a href="#">Junior Guide</a>.</li> <li>• Network at <a href="#">student organization</a> competitions or professional societies.</li> </ul>
EEE 203: Signals and Systems I	3		
Term hours subtotal:	7		
Term 6 - A 65 - 72 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 EEE 350: Random Signal Analysis	3		
Upper Division Area Pathway Course	4		
Term hours subtotal:	7		
Term 6 - B 72 - 78 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes

EEE 230: Computer Organization and Assembly Language Programming 3

Social-Behavioral Sciences (SB) AND Global Awareness (G) 3

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 6

- Research and prepare for graduate school.
- Apply for an engineering 4+1 program.
- Develop a professional profile online.

Term 7 - A 78 - 85 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ Upper Division Area Pathway Course 4

ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB) 3

Term hours subtotal: 7

Term 7 - B 85 - 92 Credit Hours	Hours	Minimum Grade	Notes
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Upper Division Area Pathway Course 4

Upper Division Technical Elective 3

Term hours subtotal: 7

- Plan for success using the Senior Guide.
- Use Handshake to apply for full-time positions.

Term 8 - A 92 - 99 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ EEE 488: Senior Design Laboratory I (L) 3

Upper Division Area Pathway Course 4

Term hours subtotal: 7

Term 8 - B 99 - 105 Credit Hours	Hours	Minimum Grade	Notes
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Upper Division Math or Science or Engineering Elective 3

Upper Division Technical Elective 3

Term hours subtotal: 6

Term 9 - A 105 - 111 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ EEE 489: Senior Design Laboratory II (L) 3

Upper Division Technical Elective 3

Term hours subtotal: 6

Term 9 - B 111 - 117 Credit Hours	Hours	Minimum Grade	Notes
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Upper Division Technical Elective 3

Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) 3

Term hours subtotal: 6

Term 10 - A 117 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ Upper Division Technical Elective 3

Term hours subtotal: 3

- Major maps are built based on full-time enrollment, but can be adjusted as necessary for part-time attendance.

Hide Course List(s)/Track Group(s)

Technical Electives	Area Pathway Course	Math or Science or Engineering Elective
EEE 404: Real-Time DSP Systems	EEE 304: Signals and Systems II	AEE Upper Division Elective
EEE 405: Machine Learning Basics with Deployment to FPGAs	EEE 333: Hardware Design Languages and Programmable Logic	BIO Upper Division Elective BME Upper Division Elective
EEE 407: Digital Signal Processing	EEE 335: Analog and Digital Circuits	CEE Upper Division Elective
EEE 419: Python for Rapid Engineering Solutions	EEE 341: Engineering Electromagnetics	CHE Upper Division Elective
EEE 425: Digital Systems and Circuits	EEE 352: Properties of Electronic Materials	CHM Upper Division Elective
EEE 433: Analog Integrated Circuits	EEE 360: Energy Systems and Power Electronics	CPI Upper Division Elective
EEE 434: Quantum Mechanics for Engineers		CSE Upper Division Elective
EEE 435: Fundamentals of CMOS and MEMS		FSE 301: Entrepreneurship and Value Creation
EEE 436: Fundamentals of Solid-State Devices		IEE Upper Division Elective
EEE 439: Semiconductor Facilities and Cleanroom Practices		MAE Upper Division Elective
EEE 443: Antennas for Wireless Communications		MAT Upper Division Elective
EEE 445: Microwaves		MSE Upper Division Elective
EEE 448: Fiber Optics		PHY Upper Division Elective
EEE 459: Communication Networks		Upper Division Technical Elective
EEE 460: Nuclear Power Engineering		
EEE 463: Electrical Power Plants		
EEE 465: Photovoltaic Energy Conversion		
EEE 470: Electric Power Devices		
EEE 471: Power System Analysis		
EEE 472: Power Electronics and Power Management		
EEE 473: Electrical Machinery		
EEE 480: Feedback Systems		
EEE 481: Computer-Controlled Systems		
EEE 492: Honors Directed Study		
EEE 493: Honors Thesis (L)		
EEE 498: Emerging Technology in Automotive & Transportation		
EEE 498: Lithium-Ion Battery Technlgy Automtve Electrifictn		

EEE 498: Manufacturing Science of Solar Cells

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EEE 498: Nuclear Prolif Secur & Safegrd

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EEE 498: Quantum Optics and Quantum Information

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EEE 498: Renewable Energy Technology and Systems

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EEE 498: Science and Technology of Solar Cell Fabrication

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**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.




## 2023 - 2024 Major Map







### Electrical Engineering (Electric Power and Energy Systems), **BSE**



School/College: [Ira A. Fulton Schools of Engineering](#)


Location: [Tempe](#)




ESEEEPBASE


Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 265: Calculus for Engineers I (MA)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students and should be taken the first semester.</li> <li>If ENG 105 is taken, a 3 hour applicable elective must also be taken prior to graduation. See advisor.</li> <li>Students who have credit for CHM 113 should take CHM 116.</li> <li>Prep for success using the <a href="#">First-Year Student Guide</a>.</li> <li>Join a <a href="#">Fulton community</a>.</li> <li>Explore <a href="#">engineering and technical professions</a>.</li> </ul>
ASU 101-EEE: The ASU Experience	1		
CHM 114: General Chemistry for Engineers (SQ) OR CHM 116: General Chemistry II (SQ)	4		
CSE 100: Principles of Programming with C++ (CS) OR CSE 110: Principles of Programming (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
FSE 100: Introduction to Engineering	2		
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 266: Calculus for Engineers II (MA)	3	C	<ul style="list-style-type: none"> <li>Create a <a href="#">Handshake</a> profile.</li> <li>Get involved with EPICS, the Generator Labs, and the <a href="#">Fulton Start-Up Center</a>.</li> </ul>
 PHY 121: University Physics I: Mechanics (SQ)	3	C	
 PHY 122: University Physics Laboratory I (SQ)	1	C	
EEE 120: Digital Design Fundamentals	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 3 32 - 46 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 EEE 202: Circuits I	4		<ul style="list-style-type: none"> <li>Prep for success using the <a href="#">Sophomore Guide</a>.</li> </ul>
MAT 267: Calculus for Engineers III (MA)	3	C	
MAT 275: Modern Differential Equations (MA)	3	C	



PHY 131: University Physics II: Electricity and Magnetism (SQ)	3	C
PHY 132: University Physics Laboratory II (SQ)	1	C
 Minimum 2.00 GPA ASU Cumulative.		
Complete First-Year Composition requirement.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	14	

Term 4 46 - 61 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 EEE 203: Signals and Systems I	3		<ul style="list-style-type: none"> <li>Pursue an <b>undergraduate research</b> experience.</li> <li>Apply for <b>internships</b>.</li> <li>Attend <b>career fairs</b> and events.</li> </ul>
 EEE 241: Fundamentals of Electromagnetics	3		
MAT 342: Linear Algebra OR MAT 343: Applied Linear Algebra	3	C	
PHY 241: University Physics III	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	15		

Term 5 61 - 75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 EEE 334: Circuits II	4		<ul style="list-style-type: none"> <li>Plan for success using the <b>Junior Guide</b>.</li> <li>Network at <b>student organization</b> competitions or professional societies.</li> </ul>
EEE 230: Computer Organization and Assembly Language Programming	3		
EEE 350: Random Signal Analysis	3		
EEE 360: Energy Systems and Power Electronics	4		
Term hours subtotal:	14		

Term 6 75 - 90 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 Complete 3 courses: Upper Division Area Pathway Course	12		<ul style="list-style-type: none"> <li>Research and prepare for <b>graduate school</b>.</li> <li>Apply for an <b>engineering 4+1 program</b>.</li> <li>Develop a <b>professional profile online</b>.</li> </ul>
ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB)	3		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 EEE 488: Senior Design Laboratory I (L)	3		<ul style="list-style-type: none"> <li>Plan for success using the <b>Senior Guide</b>.</li> <li>Use <b>Handshake</b> to apply for full-time positions.</li> <li>Complete an in person or virtual <b>practice interview</b>.</li> </ul>
Upper Division Math or Science or Engineering Elective	3		
Complete 2 courses: Upper Division Power Technical Elective	6		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 EEE 489: Senior Design Laboratory II (L)	3		
Upper Division Power Technical Elective	3		
Complete 2 courses: Upper Division Technical Elective	6		

Term hours subtotal: 15

Hide Course List(s)/Track Group(s)

Technical Electives	Math or Science or Engineering Elective	Power Technical Electives
EEE 404: Real-Time DSP Systems	AEE Upper Division Elective	EEE 460: Nuclear Power Engineering
EEE 405: Machine Learning Basics with Deployment to FPGAs	BIO Upper Division Elective	EEE 463: Electrical Power Plants
EEE 407: Digital Signal Processing	BME Upper Division Elective	EEE 465: Photovoltaic Energy Conversion
EEE 419: Python for Rapid Engineering Solutions	CEE Upper Division Elective	EEE 470: Electric Power Devices
EEE 425: Digital Systems and Circuits	CHE Upper Division Elective	EEE 471: Power System Analysis
EEE 433: Analog Integrated Circuits	CHM Upper Division Elective	EEE 472: Power Electronics and Power Management
EEE 434: Quantum Mechanics for Engineers	CPI Upper Division Elective	EEE 473: Electrical Machinery
EEE 435: Fundamentals of CMOS and MEMS	CSE Upper Division Elective	EEE 498: Manufacturing Science of Solar Cells
EEE 436: Fundamentals of Solid-State Devices	FSE 301: Entrepreneurship and Value Creation	EEE 498: Science and Technology of Solar Cell Fabrication
EEE 437: Optoelectronics	IEE Upper Division Elective	
EEE 439: Semiconductor Facilities and Cleanroom Practices	MAE Upper Division Elective	
EEE 443: Antennas for Wireless Communications	MAT Upper Division Elective	
EEE 445: Microwaves	MSE Upper Division Elective	
EEE 448: Fiber Optics	PHY Upper Division Elective	
EEE 455: Communication Systems	STP 420: Introductory Applied Statistics (CS)	
EEE 459: Communication Networks	STP 421: Probability	
EEE 460: Nuclear Power Engineering	Upper Division Technical Elective	
EEE 463: Electrical Power Plants		
EEE 465: Photovoltaic Energy Conversion		
EEE 470: Electric Power Devices		
EEE 471: Power System Analysis		
EEE 472: Power Electronics and Power Management		
EEE 473: Electrical Machinery		
EEE 480: Feedback Systems		
EEE 481: Computer-Controlled Systems		
EEE 492: Honors Directed Study		

EEE 493: Honors Thesis (L)

EEE 498: Emerging Technology in  
Automotive & Transportation

EEE 498: Lithium-Ion Battery Technlgy  
Automtve Electrifiactn

EEE 498: Manufacturing Science of Solar  
Cells

EEE 498: Nuclear Prolif Secur & Safegrd

EEE 498: Quantum Optics and Quantum  
Information

EEE 498: Renewable Energy Technology and  
Systems

EEE 498: Science and Technology of Solar  
Cell Fabrication

Area Pathway Course

EEE 304: Signals and Systems II

EEE 333: Hardware Design Languages and  
Programmable Logic

EEE 335: Analog and Digital Circuits

EEE 341: Engineering Electromagnetics

EEE 352: Properties of Electronic Materials

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)



First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map




### Electrical Engineering (Electric Power and Energy Systems), **BSE**




School/College: [Ira A. Fulton Schools of Engineering](#)




Location: [Online ASU Local](#)














ESEEEPBASE

Term 1 - A 0 - 6 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 265: Calculus for Engineers I (MA)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students</li> <li>If ENG 105 is taken, a 3 hour applicable elective must also be taken prior to graduation. See advisor.</li> </ul>
ASU 101-EEE: The ASU Experience	1		
FSE 100: Introduction to Engineering	2		
Term hours subtotal:	6		

Term 1 - B 6 - 12 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 266: Calculus for Engineers II (MA)	3	C	<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> <li>Prep for success using the <a href="#">First-Year Student Guide</a>.</li> <li>Join a <a href="#">Fulton community</a>.</li> <li>Explore <a href="#">engineering and technical professions</a>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	6		

Term 2 - A 12 - 20 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 PHY 121: University Physics I: Mechanics (SQ)	3	C	Students who have credit for CHM 113 should take CHM 116.
 PHY 122: University Physics Laboratory I (SQ)	1	C	
CHM 114: General Chemistry for Engineers (SQ) OR CHM 116: General Chemistry II (SQ)	4		
Term hours subtotal:	8		

Term 2 - B 20 - 26 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR			<ul style="list-style-type: none"> <li>Create a <a href="#">Handshake</a> profile.</li> <li>Get involved with EPICS, the Generator Labs, and the <a href="#">Fulton Start-Up Center</a>.</li> </ul>
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
MAT 267: Calculus for Engineers III (MA)	3	C	
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	6		

Term 3 - A 26 - 33 Credit Hours	Hours	Minimum Grade	Notes
EEE 120: Digital Design Fundamentals	3	C	
PHY 131: University Physics II: Electricity and Magnetism (SQ)	3	C	
PHY 132: University Physics Laboratory II (SQ)	1	C	
Term hours subtotal:	7		
Term 3 - B 33 - 39 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
CSE 100: Principles of Programming with C++ (CS) OR CSE 110: Principles of Programming (CS)	3	C	• Prep for success using the <a href="#">Sophomore Guide</a> .
MAT 275: Modern Differential Equations (MA)	3	C	
 Complete First-Year Composition requirement.			
 Minimum 2.00 GPA ASU Cumulative.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	6		
Term 4 - A 39 - 46 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 EEE 202: Circuits I	4		
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	7		
Term 4 - B 46 - 52 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 EEE 241: Fundamentals of Electromagnetics	3		• Pursue an <a href="#">undergraduate research experience</a> . • Apply for <a href="#">internships</a> . • Attend <a href="#">career fairs and events</a> .
MAT 343: Applied Linear Algebra	3	C	
Term hours subtotal:	6		
Term 5 - A 52 - 58 Credit Hours	Hours	Minimum Grade	Notes
PHY 241: University Physics III	3	C	
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Term hours subtotal:	6		
Term 5 - B 58 - 65 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 EEE 203: Signals and Systems I	3		• Plan for success using the <a href="#">Junior Guide</a> . • Network at <a href="#">student organization competitions</a> or <a href="#">professional societies</a> .
 EEE 334: Circuits II	4		
Term hours subtotal:	7		
Term 6 - A 65 - 72 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 EEE 350: Random Signal Analysis	3		
EEE 360: Energy Systems and Power Electronics	4		
Term hours subtotal:	7		
Term 6 - B 72 - 78 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes

EEE 230: Computer Organization and Assembly Language Programming 3

Humanities, Arts and Design (HU) AND Historical Awareness (H) 3

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 6

- Research and prepare for graduate school.
- Develop a professional profile online.

Term 7 - A 78 - 85 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ Upper Division Area Pathway Course 4

ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB) 3

Term hours subtotal: 7

Term 7 - B 85 - 92 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ Upper Division Area Pathway Course 4

Upper Division Power Technical Elective 3

Term hours subtotal: 7

- Plan for success using the Senior Guide.
- Use Handshake to apply for full-time positions.

Term 8 - A 92 - 99 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ EEE 488: Senior Design Laboratory I (L) 3

★ Upper Division Area Pathway Course 4

Term hours subtotal: 7

Term 8 - B 99 - 105 Credit Hours	Hours	Minimum Grade	Notes
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Upper Division Math or Science or Engineering Elective 3

Upper Division Power Technical Elective 3

Term hours subtotal: 6

Term 9 - A 105 - 111 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ EEE 489: Senior Design Laboratory II (L) 3

Upper Division Power Technical Elective 3

Term hours subtotal: 6

Term 9 - B 111 - 117 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ Upper Division Technical Elective 3

Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) 3

Term hours subtotal: 6

Term 10 - A 117 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ Upper Division Technical Elective 3

Term hours subtotal: 3

Hide Course List(s)/Track Group(s)

Technical Electives	Math or Science or Engineering Elective	Power Technical Electives
EEE 404: Real-Time DSP Systems	AEE Upper Division Elective	EEE 460: Nuclear Power Engineering
EEE 405: Machine Learning Basics with Deployment to FPGAs	BIO Upper Division Elective	EEE 463: Electrical Power Plants
EEE 407: Digital Signal Processing	BME Upper Division Elective	EEE 465: Photovoltaic Energy Conversion
EEE 419: Python for Rapid Engineering Solutions	CEE Upper Division Elective	EEE 470: Electric Power Devices
EEE 425: Digital Systems and Circuits	CHE Upper Division Elective	EEE 471: Power System Analysis
EEE 433: Analog Integrated Circuits	CHM Upper Division Elective	EEE 472: Power Electronics and Power Management
EEE 434: Quantum Mechanics for Engineers	CPI Upper Division Elective	EEE 473: Electrical Machinery
EEE 435: Fundamentals of CMOS and MEMS	CSE Upper Division Elective	EEE 498: Manufacturing Science of Solar Cells
EEE 436: Fundamentals of Solid-State Devices	FSE 301: Entrepreneurship and Value Creation	EEE 498: Science and Technology of Solar Cell Fabrication
EEE 439: Semiconductor Facilities and Cleanroom Practices	IEE Upper Division Elective	
EEE 443: Antennas for Wireless Communications	MAE Upper Division Elective	
EEE 445: Microwaves	MAT Upper Division Elective	
EEE 448: Fiber Optics	MSE Upper Division Elective	
EEE 455: Communication Systems	PHY Upper Division Elective	
EEE 459: Communication Networks	Upper Division Technical Elective	
EEE 460: Nuclear Power Engineering		
EEE 463: Electrical Power Plants		
EEE 465: Photovoltaic Energy Conversion		
EEE 470: Electric Power Devices		
EEE 471: Power System Analysis		
EEE 472: Power Electronics and Power Management		
EEE 473: Electrical Machinery		
EEE 480: Feedback Systems		
EEE 481: Computer-Controlled Systems		
EEE 492: Honors Directed Study		
EEE 493: Honors Thesis (L)		
EEE 498: Emerging Technology in Automotive & Transportation		
EEE 498: Lithium-Ion Battery Technlgy Automtve Electrifactn		

EEE 498: Manufacturing Science of Solar Cells

EEE 498: Nuclear Prolif Secur & Safegrd

EEE 498: Quantum Optics and Quantum Information

EEE 498: Renewable Energy Technology and Systems

EEE 498: Science and Technology of Solar Cell Fabrication

Area Pathway Course

EEE 304: Signals and Systems II

EEE 333: Hardware Design Languages and Programmable Logic

EEE 335: Analog and Digital Circuits

EEE 341: Engineering Electromagnetics

EEE 352: Properties of Electronic Materials

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.




## 2023 - 2024 Major Map





### Engineering, BSE



School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Polytechnic](#)

TSEGRBSE

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ASU 101-TPS: The ASU Experience	1		<ul style="list-style-type: none"> <li>ASU 101 is required of all first-year students.</li> <li>Students must choose a concentration from the following areas: Automotive Systems, Electrical Systems, Mechanical Engineering Systems, or Robotics. Upon choosing a concentration, students will be moved into that appropriate degree program.</li> <li>Prep for success using the <a href="#">First-Year Student Guide</a>.</li> <li>Join a <a href="#">Fulton community</a>.</li> <li>Explore <a href="#">engineering and technical professions</a>.</li> </ul>
 EGR 101: Foundations of Engineering Design Project I	3		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 265: Calculus for Engineers I (MA)	3	C	
Humanities, Arts and Design (HU)	3		
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 EGR 102: Foundations of Engineering Design Project II	3		<ul style="list-style-type: none"> <li>Students must choose a concentration from the following areas: Automotive Systems, Electrical Systems, Mechanical Engineering Systems, or Robotics. Upon choosing a concentration, students will be moved into that appropriate degree program.</li> <li>Create a <a href="#">Handshake</a> profile.</li> <li>Get involved with EPICS, the Generator Labs, and the <a href="#">Fulton Start-Up Center</a>.</li> </ul>
CHM 113: General Chemistry I (SQ)	4	C	
EGR 104: Critical Inquiry in Engineering (L) OR TWC 104: Critical Inquiry in Engineering (L)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 266: Calculus for Engineers II (MA)	3	C	
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Complete MAT 265 course(s).			
Term hours subtotal:	16		

Term 3 32 - 48 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 EGR 201: Use-Inspired Design Project I	3	C	<ul style="list-style-type: none"> <li>Students must choose a concentration from the following areas: Automotive Systems, Electrical Systems, Mechanical Engineering Systems, or Robotics. Upon choosing a concentration, students will be moved into that appropriate degree program.</li> <li>Prep for success using the <a href="#">Sophomore Guide</a>.</li> </ul>
EGR 216: Engineering Electrical Fundamentals	3	C	
EGR 218: Materials and Manufacturing Processes	3	C	
MAT 267: Calculus for Engineers III (MA)	3	C	
PHY 121: University Physics I: Mechanics (SQ)	3	C	
PHY 122: University Physics Laboratory I (SQ)	1	C	

❖ Complete MAT 266 course(s).

Complete Mathematics (MA) requirement.

Term hours subtotal: 16

- Consult the [Resume, Presentation, and Resource Library](#) for tips on how to create a technical resume, job shadow, do informational interviews and mentor with alumni.

Term 4 48 - 63 Credit Hours <b>Critical course signified by</b> ❖	Hours	Minimum Grade	Notes
❖ EGR 202: Use-Inspired Design Project II	3	C	<ul style="list-style-type: none"> <li>• Students must choose a concentration from the following areas: Automotive Systems, Electrical Systems, Mechanical Engineering Systems, or Robotics. Upon choosing a concentration, students will be moved into that appropriate degree program.</li> <li>• Pursue an <a href="#">undergraduate research experience</a>.</li> <li>• Apply for <a href="#">internships</a>.</li> <li>• Attend <a href="#">career fairs and events</a>.</li> </ul>
❖ EGR 217: Engineering Mechanics Fundamentals	3	C	
❖ EGR 219: Computational Modeling of Engineering Systems	3	C	
EGR 280: Engineering Statistics (CS)	3		
MAT 275: Modern Differential Equations (MA)	3	C	
❖ Complete EGR 216 AND EGR 218 course(s).			
❖ Milestone: Selection of Engineering concentration			
Term hours subtotal:	15		

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 63

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.












## 2023 - 2024 Major Map

### Engineering (Automotive Systems), BSE

School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Polytechnic](#)

TSEGRASBSE

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ASU 101-TPS: The ASU Experience OR FSE 310: Transfer Success in Engineering	1		<ul style="list-style-type: none"> <li>ASU 101 is required of all first-year students; FSE 310 is required for all new transfer students; LIA 294 is highly recommended for all new veteran students.</li> <li>Prep for success using the <a href="#">First-Year Student Guide</a>.</li> <li>Join a <a href="#">Fulton community</a>.</li> <li>Explore <a href="#">engineering and technical professions</a>.</li> </ul>
 EGR 101: Foundations of Engineering Design Project I	3		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 265: Calculus for Engineers I (MA)	3	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	16		
Term 2 16 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 EGR 102: Foundations of Engineering Design Project II	3		<ul style="list-style-type: none"> <li>Create a <a href="#">Handshake</a> profile.</li> <li>Get involved with EPICS, the Generator Labs, and the <a href="#">Fulton Start-Up Center</a>.</li> </ul>
CHM 113: General Chemistry I (SQ)	4	C	
EGR 104: Critical Inquiry in Engineering (L) OR TWC 104: Critical Inquiry in Engineering (L)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 266: Calculus for Engineers II (MA)	3	C	
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Complete MAT 265 course(s).			
Term hours subtotal:	16		
Term 3 32 - 48 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 EGR 201: Use-Inspired Design Project I	3	C	<ul style="list-style-type: none"> <li>Prep for success using the <a href="#">Sophomore Guide</a>.</li> </ul>
EGR 216: Engineering Electrical Fundamentals	3	C	
EGR 218: Materials and Manufacturing Processes	3	C	
MAT 267: Calculus for Engineers III (MA)	3	C	
PHY 121: University Physics I: Mechanics (SQ)	3	C	
PHY 122: University Physics Laboratory I (SQ)	1	C	

❖ Complete MAT 266 course(s).

Complete Mathematics (MA) requirement.

Term hours subtotal: 16

Term 4 48 - 63 Credit Hours Critical course signified by ❖	Hours	Minimum Grade	Notes
❖ EGR 202: Use-Inspired Design Project II	3	C	<ul style="list-style-type: none"> <li>Pursue an <b>undergraduate research experience</b>.</li> <li>Apply for <b>internships</b>.</li> <li>Attend <b>career fairs and events</b>.</li> </ul>
❖ EGR 217: Engineering Mechanics Fundamentals	3	C	
❖ EGR 219: Computational Modeling of Engineering Systems	3	C	
EGR 280: Engineering Statistics (CS)	3		
MAT 275: Modern Differential Equations (MA)	3	C	
❖ Complete EGR 216 AND EGR 218 course(s).			
Term hours subtotal:		15	

Term 5 63 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes	
★ EGR 306: Automotive Systems Project I	3	C	<ul style="list-style-type: none"> <li>A secondary focus area is a group of courses comprising of 12 or more credit hours (at least six credit hours must be at the upper-division level) which form a coherent theme. For example, all courses may share a common subject code. Students work with an academic advisor to identify their secondary focus area.</li> <li>Plan for success using the <b>Junior Guide</b>.</li> <li>Network at <b>student organization</b> competitions or professional societies.</li> </ul>	
★ EGR 340: Engineering Thermo-Fluids I	3	C		
PHY 321: Vector Mechanics and Vibration	3			
Upper Division Secondary Focus Area (EGR 360 Recommended)	3			
Term hours subtotal:		12		

Term 6 75 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ EGR 316: Automotive Systems Project II	3	C	<ul style="list-style-type: none"> <li>A secondary focus area is a group of courses comprising of 12 or more credit hours (at least six credit hours must be at the upper-division level) which form a coherent theme. For example, all courses may share a common subject code. Students work with an academic advisor to identify their secondary focus area.</li> <li>Research and prepare for <b>graduate school</b>.</li> <li>Apply for an <b>engineering 4+1 program</b>.</li> <li>Develop a <b>professional profile online</b>.</li> </ul>
★ EGR 363: Automotive Powertrains and Thermal Systems	3	C	
HST 318: History of Engineering ((L or SB) & G)	3		
MAT 343: Applied Linear Algebra	3		
Secondary Focus Area	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:		15	

Term 7 90 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ EGR 401: Professional Design Project I (L)	3	C	<ul style="list-style-type: none"> <li>If in the Electrical specialization, students must take EGR 330.</li> <li>If in the Mechanical specialization, students must take EGR 432.</li> <li>A secondary focus area is a group of courses comprising of 12 or more credit hours (at least six credit hours must be at the upper-division level) which form a coherent theme. For example, all courses may share a common subject code. Students work with an academic advisor to identify their secondary focus area.</li> </ul>
EGR 330: Design of Electrical Systems OR EGR 432: Engineering Thermo-Fluids II	3		
Upper Division Secondary Focus Area	3		
Science Elective	3		
Secondary Focus Area	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:		18	

- Students must select a Science Elective from the listed courses below.
- Plan for success using the [Senior Guide](#).
- Use [Handshake](#) to apply for full-time positions.
- Complete an in person or virtual [practice interview](#).

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ EGR 402: Professional Design Project II	3		<ul style="list-style-type: none"> <li>• A secondary focus area is a group of courses comprising of 12 or more credit hours (at least six credit hours must be at the upper-division level) which form a coherent theme. For example, all courses may share a common subject code. Students work with an academic advisor to identify their secondary focus area.</li> </ul>
EGR 463: Vehicle Electrical Systems and Hybrid Systems	3		
EGR 465: Ground Vehicle Dynamics	3		
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

Science Elective
ABS 130: Introduction to Environmental Science (SQ)
ABS 225: Soils (SQ)
AST 111: Introduction to Solar Systems Astronomy (SQ)
BIO 181: General Biology I (SQ)
CHM 116: General Chemistry II (SQ)
CHM 231: Elementary Organic Chemistry (SQ)
ENV 130: Introduction to Environmental Science (SQ)
GLG 101: Introduction to Geology I (Physical) (SQ)
PHY 131: University Physics II: Electricity and Magnetism (SQ)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**General University Requirements Legend**

**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.










## 2023 - 2024 Major Map

### Engineering (Electrical Systems), BSE

School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Polytechnic](#)

TSEGRESBSE

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ASU 101-TPS: The ASU Experience	1		<ul style="list-style-type: none"> <li>ASU 101 is required of all first-year students.</li> <li>Prep for success using the <a href="#">First-Year Student Guide</a>.</li> <li>Join a <a href="#">Fulton community</a>.</li> <li>Explore <a href="#">engineering and technical professions</a>.</li> </ul>
 EGR 101: Foundations of Engineering Design Project I	3		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 265: Calculus for Engineers I (MA)	3	C	
Humanities, Arts and Design (HU)	3		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	16		
Term 2 16 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 EGR 102: Foundations of Engineering Design Project II	3		<ul style="list-style-type: none"> <li>Create a <a href="#">Handshake</a> profile.</li> <li>Get involved with EPICS, the Generator Labs, and the <a href="#">Fulton Start-Up Center</a>.</li> </ul>
CHM 113: General Chemistry I (SQ)	4	C	
EGR 104: Critical Inquiry in Engineering (L) OR TWC 104: Critical Inquiry in Engineering (L)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 266: Calculus for Engineers II (MA)	3	C	
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Complete MAT 265 course(s).			
Term hours subtotal:	16		
Term 3 32 - 48 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 EGR 201: Use-Inspired Design Project I	3	C	<ul style="list-style-type: none"> <li>Prep for success using the <a href="#">Sophomore Guide</a>.</li> </ul>
EGR 216: Engineering Electrical Fundamentals	3	C	
EGR 218: Materials and Manufacturing Processes	3	C	
MAT 267: Calculus for Engineers III (MA)	3	C	
PHY 121: University Physics I: Mechanics (SQ)	3	C	
PHY 122: University Physics Laboratory I (SQ)	1	C	

❖ Complete MAT 266 course(s).

Complete Mathematics (MA) requirement.

Term hours subtotal: 16

Term 4 48 - 63 Credit Hours Critical course signified by ❖	Hours	Minimum Grade	Notes
❖ EGR 202: Use-Inspired Design Project II	3	C	<ul style="list-style-type: none"> <li>Pursue an <b>undergraduate research experience</b>.</li> <li>Apply for <b>internships</b>.</li> <li>Attend <b>career fairs and events</b>.</li> </ul>
❖ EGR 217: Engineering Mechanics Fundamentals	3	C	
❖ EGR 219: Computational Modeling of Engineering Systems	3	C	
EGR 280: Engineering Statistics (CS)	3		
MAT 275: Modern Differential Equations (MA)	3	C	
❖ Complete EGR 216 AND EGR 218 course(s).			
Term hours subtotal:		15	

Term 5 63 - 78 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ EGR 304: Embedded Systems Design Project I	3	C	<ul style="list-style-type: none"> <li>A secondary focus area is a group of courses comprising of 12 or more credit hours (at least six credit hours must be at the upper-division level) which form a coherent theme. For example, all courses may share a common subject prefix. Students work with an academic advisor to identify their secondary focus area.</li> <li>Plan for success using the <b>Junior Guide</b>.</li> <li>Network at <b>student organization</b> competitions or professional societies.</li> </ul>
★ EGR 330: Design of Electrical Systems	3	C	
HST 318: History of Engineering ((L or SB) & G)	3		
Secondary Focus Area	3		
Science Elective (PHY 131 recommended)	3		
Term hours subtotal:		15	

Term 6 78 - 93 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ EGR 314: Embedded Systems Design Project II	3	C	<ul style="list-style-type: none"> <li>A secondary focus area is a group of courses comprising of 12 or more credit hours (at least six credit hours must be at the upper-division level) which form a coherent theme. For example, all courses may share a common subject prefix. Students work with an academic advisor to identify their secondary focus area.</li> <li>Research and prepare for <b>graduate school</b>.</li> <li>Apply for an <b>engineering 4+1 program</b>.</li> <li>Develop a <b>professional profile online</b>.</li> </ul>
★ EGR 334: Analog-Digital Interface	3	C	
EGR 338: Microcontrollers in Smart Systems	3		
MAT 343: Applied Linear Algebra	3		
Secondary Focus Area	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:		15	

Term 7 93 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ EGR 401: Professional Design Project I (L)	3	C	<ul style="list-style-type: none"> <li>A secondary focus area is a group of courses comprising of 12 or more credit hours (at least six credit hours must be at the upper-division level) which form a coherent theme. For example, all courses may share a common subject prefix. Students work with an academic advisor to identify their secondary focus area.</li> <li>Plan for success using the <b>Senior Guide</b>.</li> <li>Use <b>Handshake</b> to apply for full-time positions.</li> <li>Complete an in person or virtual <b>practice interview</b>.</li> </ul>
★ EGR 430: Design, Fabrication, and Architecture of Electronic Devices	3		
PHY 331: Principles of Modern Electromagnetism	3		
Upper Division Secondary Focus Area	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:		15	

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ EGR 402: Professional Design Project II	3		<ul style="list-style-type: none"> <li>A secondary focus area is a group of courses comprising of 12 or more credit hours (at least six credit hours must be at the upper-division level) which form a coherent theme. For example, all courses may share a common subject prefix. Students work with an academic advisor to identify their secondary focus area.</li> </ul>
EGR 431: Power Management OR EGR 476: Microgrid Design and Operation	3		
Upper Division Secondary Focus Area	3		
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

Science Elective
ABS 130: Introduction to Environmental Science (SQ)
ABS 225: Soils (SQ)
AST 111: Introduction to Solar Systems Astronomy (SQ)
BIO 181: General Biology I (SQ)
CHM 116: General Chemistry II (SQ)
CHM 231: Elementary Organic Chemistry (SQ)
ENV 130: Introduction to Environmental Science (SQ)
GLG 101: Introduction to Geology I (Physical) (SQ)
PHY 131: University Physics II: Electricity and Magnetism (SQ)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
  - Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for Academic Recognition:** 56 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)

**Total Community College Hrs:** 64 maximum

- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.












## 2023 - 2024 Major Map

### Engineering (Mechanical Engineering Systems), BSE

School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Polytechnic](#)

TSEGRMEBSE

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ASU 101-TPS: The ASU Experience	1		<ul style="list-style-type: none"> <li>ASU 101 is required of all first-year students.</li> <li>Prep for success using the <a href="#">First-Year Student Guide</a>.</li> <li>Join a <a href="#">Fulton community</a>.</li> <li>Explore <a href="#">engineering and technical professions</a>.</li> </ul>
 EGR 101: Foundations of Engineering Design Project I	3		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 265: Calculus for Engineers I (MA)	3	C	
Humanities, Arts and Design (HU)	3		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	16		
Term 2 16 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 EGR 102: Foundations of Engineering Design Project II	3		<ul style="list-style-type: none"> <li>Create a <a href="#">Handshake</a> profile.</li> <li>Get involved with EPICS, the Generator Labs, and the <a href="#">Fulton Start-Up Center</a>.</li> </ul>
CHM 113: General Chemistry I (SQ)	4	C	
EGR 104: Critical Inquiry in Engineering (L) OR TWC 104: Critical Inquiry in Engineering (L)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 266: Calculus for Engineers II (MA)	3	C	
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Complete MAT 265 course(s).			
Term hours subtotal:	16		
Term 3 32 - 48 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 EGR 201: Use-Inspired Design Project I	3	C	<ul style="list-style-type: none"> <li>Prep for success using the <a href="#">Sophomore Guide</a>.</li> </ul>
EGR 216: Engineering Electrical Fundamentals	3	C	
EGR 218: Materials and Manufacturing Processes	3	C	
MAT 267: Calculus for Engineers III (MA)	3	C	
PHY 121: University Physics I: Mechanics (SQ)	3	C	
PHY 122: University Physics Laboratory I (SQ)	1	C	

❖ Complete MAT 266 course(s).

Complete Mathematics (MA) requirement.

Term hours subtotal: 16

Term 4 48 - 63 Credit Hours Critical course signified by ❖	Hours	Minimum Grade	Notes
❖ EGR 202: Use-Inspired Design Project II	3	C	<ul style="list-style-type: none"> <li>Pursue an <b>undergraduate research experience</b>.</li> <li>Apply for <b>internships</b>.</li> <li>Attend <b>career fairs and events</b>.</li> </ul>
❖ EGR 217: Engineering Mechanics Fundamentals	3	C	
❖ EGR 219: Computational Modeling of Engineering Systems	3	C	
EGR 280: Engineering Statistics (CS)	3		
MAT 275: Modern Differential Equations (MA)	3	C	
❖ Complete EGR 216 AND EGR 218 course(s).			
Term hours subtotal:		15	

Term 5 63 - 78 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ EGR 303: Mechanical Systems Project I	3	C	<ul style="list-style-type: none"> <li>A secondary focus area is a group of courses comprising of 12 or more credit hours (at least six credit hours must be at the upper-division level) which form a coherent theme. For example, all courses may share a common subject prefix. Students work with an academic advisor to identify their secondary focus area.</li> <li>Plan for success using the <b>Junior Guide</b>.</li> <li>Network at <b>student organization</b> competitions or professional societies.</li> </ul>
★ EGR 340: Engineering Thermo-Fluids I	3	C	
PHY 321: Vector Mechanics and Vibration	3		
Secondary Focus Area	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:		15	

Term 6 78 - 93 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ EGR 313: Mechanical Systems Project II	3	C	<ul style="list-style-type: none"> <li>A secondary focus area is a group of courses comprising of 12 or more credit hours (at least six credit hours must be at the upper-division level) which form a coherent theme. For example, all courses may share a common subject prefix. Students work with an academic advisor to identify their secondary focus area.</li> <li>Research and prepare for <b>graduate school</b>.</li> <li>Apply for an <b>engineering 4+1 program</b>.</li> <li>Develop a <b>professional profile online</b>.</li> </ul>
★ EGR 343: Mechanics of Solid Materials	3	C	
HST 318: History of Engineering ((L or SB) & G)	3		
MAT 343: Applied Linear Algebra	3		
Secondary Focus Area	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:		15	

Term 7 93 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ EGR 401: Professional Design Project I (L)	3	C	<ul style="list-style-type: none"> <li>A secondary focus area is a group of courses comprising of 12 or more credit hours (at least six credit hours must be at the upper-division level) which form a coherent theme. For example, all courses may share a common subject prefix. Students work with an academic advisor to identify their secondary focus area.</li> <li>Plan for success using the <b>Senior Guide</b>.</li> <li>Use <b>Handshake</b> to apply for full-time positions.</li> <li>Complete an in person or virtual <b>practice interview</b>.</li> </ul>
★ EGR 432: Engineering Thermo-Fluids II	3		
★ EGR 444: Engineering Design	3	C	
Upper Division Secondary Focus Area	3		
Science Elective	3		
Term hours subtotal:		15	

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ EGR 402: Professional Design Project II	3		<ul style="list-style-type: none"> <li>A secondary focus area is a group of courses comprising of 12 or more credit hours (at least six credit hours must be at the upper-division level) which form a coherent theme. For example, all courses may share a common subject prefix. Students work with an academic advisor to identify their secondary focus area.</li> </ul>
EGR 445: Mechanical Engineering Systems	3		
Upper Division Secondary Focus Area	3		
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	12		

#### Hide Course List(s)/Track Group(s)

Science Elective
ABS 130: Introduction to Environmental Science (SQ)
ABS 225: Soils (SQ)
AST 111: Introduction to Solar Systems Astronomy (SQ)
BIO 181: General Biology I (SQ)
CHM 116: General Chemistry II (SQ)
CHM 231: Elementary Organic Chemistry (SQ)
ENV 130: Introduction to Environmental Science (SQ)
GLG 101: Introduction to Geology I (Physical) (SQ)
PHY 131: University Physics II: Electricity and Magnetism (SQ)

#### Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
  - Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

#### General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)

- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.










## 2023 - 2024 Major Map

### Engineering (Robotics), BSE

School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Polytechnic](#)

TSEGRRBSE

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ASU 101-TPS: The ASU Experience	1		<ul style="list-style-type: none"> <li>ASU 101 is required of all first-year students.</li> <li>Prep for success using the <a href="#">First-Year Student Guide</a>.</li> <li>Join a <a href="#">Fulton community</a>.</li> <li>Explore <a href="#">engineering and technical professions</a>.</li> </ul>
 EGR 101: Foundations of Engineering Design Project I	3		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 265: Calculus for Engineers I (MA)	3	C	
Humanities, Arts and Design (HU)	3		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	16		
Term 2 16 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 EGR 102: Foundations of Engineering Design Project II	3		<ul style="list-style-type: none"> <li>Create a <a href="#">Handshake</a> profile.</li> <li>Get involved with EPICS, the Generator Labs, and the <a href="#">Fulton Start-Up Center</a>.</li> </ul>
CHM 113: General Chemistry I (SQ)	4	C	
EGR 104: Critical Inquiry in Engineering (L) OR TWC 104: Critical Inquiry in Engineering (L)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 266: Calculus for Engineers II (MA)	3	C	
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Complete MAT 265 course(s).			
Term hours subtotal:	16		
Term 3 32 - 48 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 EGR 201: Use-Inspired Design Project I	3	C	<ul style="list-style-type: none"> <li>Prep for success using the <a href="#">Sophomore Guide</a>.</li> </ul>
EGR 216: Engineering Electrical Fundamentals	3	C	
EGR 218: Materials and Manufacturing Processes	3	C	
MAT 267: Calculus for Engineers III (MA)	3	C	
PHY 121: University Physics I: Mechanics (SQ)	3	C	
PHY 122: University Physics Laboratory I (SQ)	1	C	

❖ Complete MAT 266 course(s).

Complete Mathematics (MA) requirement.

Term hours subtotal: 16

Term 4 48 - 63 Credit Hours Critical course signified by ❖	Hours	Minimum Grade	Notes
❖ EGR 202: Use-Inspired Design Project II	3	C	<ul style="list-style-type: none"> <li>Pursue an <b>undergraduate research experience</b>.</li> <li>Apply for <b>internships</b>.</li> <li>Attend <b>career fairs and events</b>.</li> </ul>
❖ EGR 217: Engineering Mechanics Fundamentals	3	C	
❖ EGR 219: Computational Modeling of Engineering Systems	3	C	
EGR 280: Engineering Statistics (CS)	3		
MAT 275: Modern Differential Equations (MA)	3	C	
❖ Complete EGR 216 AND EGR 218 course(s).			
Term hours subtotal:	15		

Term 5 63 - 78 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ EGR 304: Embedded Systems Design Project I	3	C	<ul style="list-style-type: none"> <li>If Electrical specialization, must take EGR 330.</li> <li>If Mechanical specialization, must take EGR 343.</li> <li>A secondary focus area is a group of courses comprising of 12 or more credit hours (at least six credit hours must be at the upper-division level) which form a coherent theme. For example, all courses may share a common subject prefix. Students work with an academic advisor to identify their secondary focus area.</li> <li>Plan for success using the <b>Junior Guide</b>.</li> <li>Network at <b>student organization</b> competitions or professional societies.</li> </ul>
★ EGR 455: Robotic Systems I	3	C	
EGR 330: Design of Electrical Systems OR EGR 343: Mechanics of Solid Materials	3	C	
PHY 321: Vector Mechanics and Vibration	3		
Secondary Focus Area	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ EGR 314: Embedded Systems Design Project II	3	C	<ul style="list-style-type: none"> <li>If Electrical specialization, must take EGR 334.</li> <li>If Mechanical specialization, must take EGR 444.</li> <li>A secondary focus area is a group of courses comprising of 12 or more credit hours (at least six credit hours must be at the upper-division level) which form a coherent theme. For example, all courses may share a common subject prefix. Students work with an academic advisor to identify their secondary focus area.</li> <li>Research and prepare for <b>graduate school</b>.</li> <li>Apply for an <b>engineering 4+1 program</b>.</li> <li>Develop a <b>professional profile online</b>.</li> </ul>
EGR 334: Analog-Digital Interface OR EGR 444: Engineering Design	3		
EGR 456: Robotic Systems II	3		
MAT 343: Applied Linear Algebra	3		
Secondary Focus Area	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ EGR 401: Professional Design Project I (L)	3	C	<ul style="list-style-type: none"> <li>A secondary focus area is a group of courses comprising of 12 or more credit hours (at least six credit hours must be at the upper-division level) which form a coherent theme. For example, all courses may share a common</li> </ul>
Upper Division Secondary Focus Area	3		
Science Elective	3		

Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3
Term hours subtotal:	15

subject prefix. Students work with an academic advisor to identify their secondary focus area.

- Plan for success using the **Senior Guide**.
- Use **Handshake** to apply for full-time positions.
- Complete an in person or virtual **practice interview**.

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ EGR 402: Professional Design Project II	3		<ul style="list-style-type: none"> <li>• A secondary focus area is a group of courses comprising of 12 or more credit hours (at least six credit hours must be at the upper-division level) which form a coherent theme. For example, all courses may share a common subject prefix. Students work with an academic advisor to identify their secondary focus area.</li> </ul>
EGR 433: Transforms and Systems Modeling	3		
HST 318: History of Engineering ((L or SB) & G)	3		
Upper Division Secondary Focus Area	3		
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

Science Elective
ABS 130: Introduction to Environmental Science (SQ)
ABS 225: Soils (SQ)
AST 111: Introduction to Solar Systems Astronomy (SQ)
BIO 181: General Biology I (SQ)
CHM 116: General Chemistry II (SQ)
CHM 231: Elementary Organic Chemistry (SQ)
ENV 130: Introduction to Environmental Science (SQ)
GLG 101: Introduction to Geology I (Physical) (SQ)
PHY 131: University Physics II: Electricity and Magnetism (SQ)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.





## 2023 - 2024 Major Map






### Engineering Management, BSE



School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Tempe](#)

ESEMGBSE

Term 1 0 - 15 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ASU 101-CAI: The ASU Experience	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students</li> <li>If ENG 105 is taken, a 3 credit hour elective must also be taken prior to graduation.</li> <li>Prep for success using the <a href="#">First-Year Student Guide</a>.</li> <li>Join a <a href="#">Fulton community</a>.</li> <li>Explore <a href="#">engineering and technical professions</a>.</li> </ul>
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
FSE 100: Introduction to Engineering	2	C	
MAT 265: Calculus for Engineers I (MA)	3	C	
Basic Science Elective	3-4		
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15-16		

Term 2 15 - 31 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CSE 110: Principles of Programming (CS)	3	C	<ul style="list-style-type: none"> <li>Students who have credit for CHM 113 should take CHM116.</li> <li>Create a <a href="#">Handshake</a> profile.</li> <li>Get involved with EPICS, the Generator Labs, and the <a href="#">Fulton Start-Up Center</a>.</li> </ul>
CHM 114: General Chemistry for Engineers (SQ) OR CHM 116: General Chemistry II (SQ)	4		
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
MAT 266: Calculus for Engineers II (MA)	3	C	
Social-Behavioral Sciences (SB) ( PSY 101 recommended)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107.			
 Complete Mathematics (MA) requirement.			
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 3 31 - 47 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CSE 205: Object-Oriented Programming and Data Structures (CS)	3	C	<ul style="list-style-type: none"> <li>Prep for success using the <a href="#">Sophomore Guide</a>.</li> </ul>
ECN 212: Microeconomic Principles (SB)	3	C	
MAT 267: Calculus for Engineers III (MA)	3	C	

PHY 121: University Physics I: Mechanics (SQ) AND PHY 122:  
University Physics Laboratory I (SQ) 4 C

Global Engineering/Sustainability/Entrepreneurship Course 3-4

⚠ Minimum 2.00 GPA ASU Cumulative.

Complete Mathematics (MA) requirement.

Term hours subtotal: 16-17

Term 4 47 - 62 Credit Hours Critical course signified by ⚠	Hours	Minimum Grade	Notes
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⚠ IEE 380: Probability and Statistics for Engineering Problem Solving (CS) 3 C

ACC 231: Uses of Accounting Information I 3 C

MAT 342: Linear Algebra OR MAT 343: Applied Linear Algebra 3 C

Math or Science Elective 3 C

Humanities, Arts and Design (HU) AND Historical Awareness (H) 3

Term hours subtotal: 15

- Pursue an undergraduate research experience.
- Apply for internships.
- Attend career fairs and events.

Term 5 62 - 77 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ IEE 300: Economic Analysis for Engineers 3 C

ACC 241: Uses of Accounting Information II 3 C

Complete 2 courses: 6 C

Upper Division Industry Focus Area Elective

Math or Science Elective 3 C

Term hours subtotal: 15

- Plan for success using the Junior Guide.
- Network at student organization competitions or professional societies.

Term 6 77 - 93 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ IEE 321: Professional Engineering Practice 1 C

★ IEE 369: Work Analysis and Design (L) 3 C

★ IEE 458: Project Management 3 C

IEE 381: Lean Six Sigma Methodology 3 C

Industry Focus Area Elective 3 C

Upper Division Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) OR Upper Division Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) 3

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 16

- Research and prepare for graduate school.
- Apply for an engineering accelerated program.
- Develop a professional profile online.

Term 7 93 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ IEE 485: Systems Design Capstone I (L) 3 C

IEE 431: Engineering Administration (L) 3 C

IEE 454: Risk Management 3 C

Complete 2 courses: 6 C

Upper Division Industry Focus Area Elective

Term hours subtotal: 15

- Plan for success using the Senior Guide.
- Use Handshake to apply for full-time positions.
- Complete an in person or virtual practice interview.

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ IEE 486: Systems Design Capstone II (L)	3	C
IEE 456: Introduction to Systems Engineering	3	C
IEE 477: System Dynamics and Thinking	3	C
MGT 300: Principles of Management and Leadership	3	C
Term hours subtotal:	12	

- Some Industry Focus Area Electives are sequential and may be offered only in the Fall or Spring semester.
- Some Industry Focus Area Electives may require additional prerequisites.
- For additional information on major curriculum, including Industry Focus Area Electives, please visit the [Engineering Management Degree Requirements website](#).

Hide Course List(s)/Track Group(s)

Basic Science Elective	Global Engineering/Sustainability/Entrepreneurship	Industry Focus Area Elective (Business Analytics Industry)
BIO 181: General Biology I (SQ)	ABS 270: Sustainable Biological Systems	IEE 3** Elective
BIO 182: General Biology II (SG)	ALA 102: Landscapes and Sustainability (HU & G)	IEE 376: Operations Research Deterministic Techniques/Applications
BIO 201: Human Anatomy and Physiology I (SG)	CEE 181: Technological, Social, and Sustainable Systems (HU)	IEE 385: Engineering Statistics: Probability
BIO 202: Human Anatomy and Physiology II (SG)	FSE 150: Perspectives on Grand Challenges for Engineering (SB)	IEE 4** Elective
BME 111: Engineering Perspectives on Biological Systems	FSE 301: Entrepreneurship and Value Creation	IEE 461: Production Control
CHM 113: General Chemistry I (SQ)	PUP 190: Sustainable Cities ((HU or SB) & G) or SOS 111: Sustainable Cities ((HU or SB) & G)	IEE 474: Quality Control
GLG 101: Introduction to Geology I (Physical) (SQ)	SES 106: Habitable Worlds (SQ)	Not From IEE 431 or IEE 454 or IEE 456 or IEE 458 or IEE 485 or IEE 486
GLG 102: Introduction to Geology II (Historical) (SG & H)	SOS 100: Introduction to Sustainability (G)	Math or Science Elective (Business Analytics Industry)
GLG 110: Dangerous World (SQ & G)	SOS 110: Sustainable World (SB)	MAT 275: Modern Differential Equations (MA)
PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ)	SOS 171: The Thread of Energy (SB & G) or GCU 171: The Thread of Energy (SB & G)	PHY 131: University Physics II: Electricity and Magnetism (SQ)
PHY 241: University Physics III		
Industry Focus Area Elective (Communication and Networks Industry)	Industry Focus Area (Software Engineering) - offered at Poly	Industry Focus Area Elective (Electronics and Semiconductor Industry)
EEE 202: Circuits I	Required Courses:	EEE 202: Circuits I
EEE 203: Signals and Systems I	SER 222: Design and Analysis of Data Structures and Algorithms	EEE 241: Fundamentals of Electromagnetics
EEE 350: Random Signal Analysis	SER 334: Operating Systems and System Programming	EEE 352: Properties of Electronic Materials
EEE 455: Communication Systems	Complete 3 classes from the list below:	EEE 434: Quantum Mechanics for Engineers
EEE 459: Communication Networks	SER 321: Principles of Distributed Software Systems	EEE 435: Fundamentals of CMOS and MEMS
Math or Science Elective (Communication and Networks industry)		EEE 436: Fundamentals of Solid-State Devices

MAT 275: Modern Differential Equations (MA)	SER 322: Principles of Database Management	EEE 439: Semiconductor Facilities and Cleanroom Practices
PHY 131: University Physics II: Electricity and Magnetism (SQ)	SER 421: Web-Based Applications	Math or Science Elective (Electronics and Semiconductor Industry)
	SER 423: Mobile Systems	MAT 275: Modern Differential Equations (MA)
	Math or Science Elective (Software Engineering Industry)	PHY 131: University Physics II: Electricity and Magnetism (SQ)
	CSE 230: Computer Organization and Assembly Language Programming	
	MAT 243: Discrete Mathematical Structures	
Industry Focus Area Elective (Mechanical Systems Industry)	Industry Focus Area Elective (Power Systems Industry)	Industry Focus Area Elective (Software Industry)
Required Courses	EEE 202: Circuits I	CSE 240: Introduction to Programming Languages or CSE 220: Programming for Computer Engineering
CEE 384: Numerical Methods for Engineers (CS) or MAE 384: Advanced Mathematical Methods for Engineers (CS)	EEE 241: Fundamentals of Electromagnetics	CSE 3** Elective
MAE 201: Mechanics of Particles and Rigid Bodies I: Statics	EEE 360: Energy Systems and Power Electronics	CSE 310: Data Structures and Algorithms
MAE 241: Introduction to Thermodynamics	EEE 463: Electrical Power Plants	CSE 360: Introduction to Software Engineering
Elective Choices	EEE 470: Electric Power Devices	CSE 4** Elective
MEE 340: Heat Transfer	EEE 472: Power Electronics and Power Management	Math or Science Elective (Software Industry)
MEE 434: Internal Combustion Engines	Math or Science Elective (Power Systems Industry)	MAT 243: Discrete Mathematical Structures (required)
MEE 482: Intermediate Thermodynamics	MAT 275: Modern Differential Equations (MA)	General Math or Science Course Approved by SCAI Advisor
MSE 355: Structure and Defects	PHY 131: University Physics II: Electricity and Magnetism (SQ)	
Math or Science Elective (Mechanical Systems Industry)		
MAE 202: Mechanics of Particles and Rigid Bodies II: Dynamics		
MAT 275: Modern Differential Equations (MA)		
MSE 250: Structure and Properties of Materials		
PHY 131: University Physics II: Electricity and Magnetism (SQ)		
Industry Focus Area Elective (Sustainable and Environmentally Benign Industry)		
CEE 213: Introduction to Deformable Solids		
CEE 361: Introduction to Environmental Engineering		
CEE 384: Numerical Methods for Engineers (CS) or MAE 384: Advanced Mathematical Methods for Engineers (CS)		
CEE 400: Earth Systems Engineering and Management ((L or HU) & H)		

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CEE 467: Environmental Microbiology

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CEE 470: Sustainable Environmental  
Biotechnologies

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Math or Science Elective (Sustainable and  
Environmentally Benign Industry)

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CEE 210: Engineering Mechanics I: Statics or  
EVE 214: Environmental Engineering  
Mechanics

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MAT 275: Modern Differential Equations  
(MA)

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**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.









## 2023 - 2024 Major Map

### Engineering Management, BSE

School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Online ASU Local](#)

ESEMGBSE

Term 1 - A 0 - 7 Credit Hours	Hours	Minimum Grade	Notes
ASU 101-CAI: The ASU Experience	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students</li> <li>Prep for success using the <a href="#">First-Year Student Guide</a>.</li> <li>Join a <a href="#">Fulton community</a>.</li> <li>Explore <a href="#">engineering and technical professions</a>.</li> </ul>
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	7		
Term 1 - B 7 - 13 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 265: Calculus for Engineers I (MA)	3	C	<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> <li>If ENG 105 is taken, a 3 credit hour elective must also be taken prior to graduation.</li> </ul>
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	6		
Term 2 - A 13 - 19 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 266: Calculus for Engineers II (MA)	3	C	
Social-Behavioral Sciences (SB) ( PSY 101 recommended)	3		
Term hours subtotal:	6		
Term 2 - B 19 - 24 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
FSE 100: Introduction to Engineering	2	C	<ul style="list-style-type: none"> <li>Create a <a href="#">Handshake</a> profile.</li> <li>Get involved with EPICS, the Generator Labs, and the <a href="#">Fulton Start-Up Center</a>.</li> </ul>
Basic Science Elective	3-4		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	5-6		
Term 3 - A 24 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CSE 110: Principles of Programming (CS)	3	C	
MAT 267: Calculus for Engineers III (MA)	3	C	
Term hours subtotal:	6		

Term 3 - B 30 - 36 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
⚠ CSE 205: Object-Oriented Programming and Data Structures (CS)	3	C	<ul style="list-style-type: none"> <li>• Prep for success using the <a href="#">Sophomore Guide</a>.</li> </ul>
ECN 212: Microeconomic Principles (SB)	3	C	
Complete Mathematics (MA) requirement.			
Term hours subtotal:	6		
Term 4 - A 36 - 43 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
⚠ ACC 231: Uses of Accounting Information I	3	C	
PHY 121: University Physics I: Mechanics (SQ) AND PHY 122: University Physics Laboratory I (SQ)	4	C	
Term hours subtotal:	7		
Term 4 - B 43 - 49 Credit Hours	Hours	Minimum Grade	
ACC 241: Uses of Accounting Information II	3	C	<ul style="list-style-type: none"> <li>• Pursue an <a href="#">undergraduate research experience</a>.</li> <li>• Apply for <a href="#">internships</a>.</li> <li>• Attend <a href="#">career fairs and events</a>.</li> </ul>
MAT 343: Applied Linear Algebra	3	C	
Term hours subtotal:	6		
Term 5 - A 49 - 55 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	
★ IEE 380: Probability and Statistics for Engineering Problem Solving (CS)	3	C	<ul style="list-style-type: none"> <li>• IEE380 is a Session C course (15 weeks long).</li> </ul>
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Term hours subtotal:	6		
Term 5 - B 55 - 61 Credit Hours	Hours	Minimum Grade	
Global Engineering/Sustainability/Entrepreneurship Course	3-4		<ul style="list-style-type: none"> <li>• Plan for success using the <a href="#">Junior Guide</a>.</li> <li>• Network at <a href="#">student organization</a> competitions or professional societies.</li> </ul>
Math or Science Elective	3	C	
Term hours subtotal:	6-7		
Term 6 - A 61 - 67 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	
★ IEE 300: Economic Analysis for Engineers	3	C	
Industry Focus Area Elective	3	C	
Term hours subtotal:	6		
Term 6 - B 67 - 74 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	
CHM 114: General Chemistry for Engineers (SQ) OR CHM 116: General Chemistry II (SQ)	4		<ul style="list-style-type: none"> <li>• Students who have credit for CHM113 should take CHM116.</li> <li>• Research and prepare for <a href="#">graduate school</a>.</li> <li>• Apply for an <a href="#">engineering accelerated program</a>.</li> <li>• Develop a <a href="#">professional profile online</a>.</li> </ul>
IEE 454: Risk Management	3	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	7		
Term 7 - A 74 - 80 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	

★ IEE 458: Project Management	3	C
Math or Science Elective	3	C
Term hours subtotal:	6	

Term 7 - B 80 - 86 Credit Hours	Hours	Minimum Grade	Notes
IEE 431: Engineering Administration (L)	3	C	<ul style="list-style-type: none"> <li>Plan for success using the <a href="#">Senior Guide</a>.</li> <li>Use <a href="#">Handshake</a> to apply for full-time positions.</li> <li>Complete an in person or virtual <a href="#">practice interview</a>.</li> </ul>
Upper Division Industry Focus Area Elective	3	C	
Term hours subtotal:	6		

Term 8 - A 86 - 92 Credit Hours	Hours	Minimum Grade	Notes
IEE 369: Work Analysis and Design (L)	3	C	<ul style="list-style-type: none"> <li>IEE369 is a Session C course (15 weeks long).</li> </ul>
IEE 381: Lean Six Sigma Methodology	3	C	
Term hours subtotal:	6		

Term 8 - B 92 - 96 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ IEE 321: Professional Engineering Practice	1	C	
Upper Division Industry Focus Area Elective	3	C	
Term hours subtotal:	4		

Term 9 - A 96 - 102 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ IEE 485: Systems Design Capstone I (L)	3	C	<ul style="list-style-type: none"> <li>IEE485 is a Session C course (15 weeks long).</li> </ul>
IEE 477: System Dynamics and Thinking	3	C	
Term hours subtotal:	6		

Term 9 - B 102 - 108 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses:			
Upper Division Industry Focus Area Elective	6	C	
Term hours subtotal:	6		

Term 10 - A 108 - 114 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ IEE 486: Systems Design Capstone II (L)	3	C	<ul style="list-style-type: none"> <li>IEE486 is a Session C course (15 weeks long).</li> </ul>
IEE 456: Introduction to Systems Engineering	3	C	
Term hours subtotal:	6		

Term 10 - B 114 - 120 Credit Hours	Hours	Minimum Grade	Notes
MGT 300: Principles of Management and Leadership	3	C	
Upper Division Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) OR Upper Division Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	6		



- Major maps are built based on full-time enrollment, but can be adjusted as necessary for part-time attendance.
  - Some Industry Focus Area Electives are sequential and may be offered only in the Fall or Spring semester.
  - Some Industry Focus Area Electives may require additional prerequisites.
  - For more information on Industry Focus Areas please visit the [SCAI website](#).

Hide Course List(s)/Track Group(s)

Basic Science Elective	Global Engineering/Sustainability/Entrepreneurship	Industry Focus Area (Business Analytics)
BIO 181: General Biology I (SQ)	ABS 270: Sustainable Biological Systems	Complete 5 classes from the list below:
BIO 182: General Biology II (SG)	CEE 181: Technological, Social, and Sustainable Systems (HU)	IEE 3** Elective
BIO 201: Human Anatomy and Physiology I (SG)	FSE 301: Entrepreneurship and Value Creation	IEE 376: Operations Research Deterministic Techniques/Applications
BIO 202: Human Anatomy and Physiology II (SG)	SES 106: Habitable Worlds (SQ)	IEE 385: Engineering Statistics: Probability
CHM 113: General Chemistry I (SQ)	SOS 100: Introduction to Sustainability (G)	IEE 4** Elective
GLG 101: Introduction to Geology I (Physical) (SQ)	SOS 110: Sustainable World (SB)	IEE 461: Production Control
GLG 102: Introduction to Geology II (Historical) (SG & H)	SOS 111: Sustainable Cities ((HU or SB) & G) or PUP 190: Sustainable Cities ((HU or SB) & G)	IEE 474: Quality Control
GLG 110: Dangerous World (SQ & G)	SOS 171: The Thread of Energy (SB & G)	Math or Science Elective (Business Analytics Industry)
PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ)		MAT 275: Modern Differential Equations (MA)
PHY 241: University Physics III		PHY 131: University Physics II: Electricity and Magnetism (SQ)
Industry Focus Area (Software Engineering)		
Required Courses:		
SER 222: Design and Analysis of Data Structures and Algorithms		
SER 334: Operating Systems and System Programming		
Complete 3 classes from the list below:		
SER 321: Principles of Distributed Software Systems		
SER 322: Principles of Database Management		
SER 421: Web-Based Applications		
SER 423: Mobile Systems		
Math or Science Elective (Software Engineering Industry)		
CSE 230: Computer Organization and Assembly Language Programming		
MAT 243: Discrete Mathematical Structures		

**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.














## 2023 - 2024 Major Map

### Environmental Engineering, BSE

School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Tempe](#)

ESEVEBSE

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 FSE 100: Introduction to Engineering	2	C	<ul style="list-style-type: none"> <li>ASU 101 is required of all first-year students; FSE 394 is required for all new transfer students.</li> <li>Prep for success using the <a href="#">First-Year Student Guide</a>.</li> <li>Join a <a href="#">Fulton community</a>.</li> <li>Explore <a href="#">engineering and technical professions</a>.</li> </ul>
 MAT 265: Calculus for Engineers I (MA)	3	C	
ASU 101-EVE: The ASU Experience	1		
CHM 113: General Chemistry I (SQ)	4		
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		
Term 2 16 - 31 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 242: Elementary Linear Algebra	2	C	<ul style="list-style-type: none"> <li>Create a <a href="#">Handshake</a> profile.</li> <li>Get involved with EPICS, the Generator Labs, and the <a href="#">Fulton Start-Up Center</a>.</li> </ul>
 MAT 266: Calculus for Engineers II (MA)	3	C	
CEE 181: Technological, Social, and Sustainable Systems (HU)	3		
CHM 116: General Chemistry II (SQ)	4		
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15		
Term 3 31 - 47 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 267: Calculus for Engineers III (MA)	3	C	<ul style="list-style-type: none"> <li>Prep for success using the <a href="#">Sophomore Guide</a>.</li> </ul>
 PHY 121: University Physics I: Mechanics (SQ)	3	C	
 PHY 122: University Physics Laboratory I (SQ)	1	C	
EVE 261: Introduction to Environmental Processes	3	C	
EVE 290: Statistics and Probability for Environmental Data	3		
Humanities, Arts and Design (HU)	3		

⚠ Minimum 2.00 GPA ASU Cumulative.

Complete Mathematics (MA) requirement.

Term hours subtotal: 16

Term 4 47 - 62 Credit Hours Critical course signified by ⚠	Hours	Minimum Grade	Notes
⚠ MAT 275: Modern Differential Equations (MA)	3	C	<ul style="list-style-type: none"> <li>Pursue an undergraduate research experience.</li> <li>Apply for internships.</li> <li>Attend career fairs and events.</li> </ul>
CHE 211: Introduction to Chemical Processing	3	C	
EVE 214: Environmental Engineering Mechanics	3	C	
EVE 302: Environmental Engineering Fundamentals: Physical and Chemical Processes	3		
GLG 101: Introduction to Geology I (Physical) (SQ) OR GLG 108: Water Planet (SQ) OR GLG 110: Dangerous World (SQ & G)	3-4		
Term hours subtotal:	15-16		

Term 5 62 - 77 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ EVE 303: Environmental Engineering Fundamentals: Microbiological Processes	3		<ul style="list-style-type: none"> <li>Plan for success using the Junior Guide.</li> <li>Network at student organization competitions or professional societies.</li> </ul>
CEE 300: Engineering Business Practice (L)	3		
CEE 384: Numerical Methods for Engineers (CS)	3		
EVE 304: Environmental Engineering Processes Lab	2		
EVE 314: Data Science for Environmental and Civil Engineers	3		
Environmental Elective	1		
Term hours subtotal:	15		

Term 6 77 - 91 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CEE 341: Fluid Mechanics for Civil Engineers	4		<ul style="list-style-type: none"> <li>Research and prepare for graduate school.</li> <li>Apply for a Fulton Schools 4+1 program.</li> <li>Develop a professional profile online.</li> </ul>
EVE 354: Materials in the Environment	4		
EVE 452: Environmental Investigation and Remediation Design	3		
EVE 461: Unit Operations in Drinking Water Treatment	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	14		

Summer 6 91 - 92 Credit Hours	Hours	Minimum Grade	Notes
EVE 484: Internship	1	C	
Term hours subtotal:	1		

Term 7 92 - 107 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CEE 467: Environmental Microbiology	3		<ul style="list-style-type: none"> <li>Plan for success using the Senior Guide.</li> <li>Use Handshake to apply for full-time positions.</li> <li>Complete an in person or virtual practice interview.</li> </ul>
CEE 400: Earth Systems Engineering and Management ((L or HU) & H)	3		
CEE 440: Hydrology	3		
EVE 465: Unit Operations in Wastewater Treatment	3		
Environmental Elective	3		
Term hours subtotal:	15		

Minimum

Term 8 107 - 120 Credit Hours Necessary course signified by ★	Hours	Grade	Notes
★ CEE 486: Integrated Civil Engineering Design (L)	4		
CEE 441: Water Resources Engineering	3		
Environmental Elective	3		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	13		

Hide Course List(s)/Track Group(s)

Environmental Electives
ASB 326: Human Impacts on Ancient Environments (SB & H)
ASB 370: Ethics of Eating (L or SB)
BIO 324: Environmental Ethics (HU)
CEE 351: Geotechnical Engineering
CEE 372: Transportation Engineering
CEE 466: Urban Water System Design
CEE 470: Sustainable Environmental Biotechnologies
CEE 485: Sustainable Civil and Environmental Systems Engineering
CHE 469: Air Quality Engineering
CHM 231: Elementary Organic Chemistry (SQ)
CHM 233: General Organic Chemistry I
CHM 240: Mathematical Methods in Chemistry (CS)
CHM 302: Environmental Chemistry
CHM 325: Analytical Chemistry
CHM 327: Instrumental Analysis
ENG 334: The American Southwest in Literature and Film ((L or HU) & C)
ENG 363: Transborder Mexican and Chicano/a Literature of Southwest North America ((L or HU) & C)
ENG 367: Water, Dams and Culture (L or HU)
ENG 371: Rhetoric of the Environmental Movement
ENG 378: Environmental Creative Nonfiction (L or HU)

ENG 468: Environmental Literary Criticism (L or HU)

EVE 492: Honors Directed Study

EVE 493: Honors Thesis (L)

EVE 494: Special Topics

EVE 498: Pro-Seminar

EVE 499: Individualized Instruction

FSE 301: Entrepreneurship and Value Creation

HST 342: U.S. West 20th Century (SB & H)

HST 345: Environmental History (L)

JUS 332: Politics of Energy Policy and Justice

JUS 444: Environment and Justice (L & C)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.









## 2023 - 2024 Major Map



### Environmental and Resource Management, BS


School/College: [Ira A. Fulton Schools of Engineering](#)




Location: [Polytechnic](#)

TSETMBS



Term 1 0 - 14 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ASU 101-TPS: The ASU Experience	1		<ul style="list-style-type: none"> <li>ASU 101 is required of all first-year students.</li> <li>Prep for success using the <a href="#">First-Year Student Guide</a>.</li> <li>Join a <a href="#">Fulton community</a>.</li> <li>Explore <a href="#">engineering and technical professions</a>.</li> </ul>
CHM 113: General Chemistry I (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 210: Brief Calculus (MA)	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	14		
Term 2 14 - 28 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
BIO 181: General Biology I (SQ)	4	C	<ul style="list-style-type: none"> <li>Students wishing to take HSE 230 in Term 3 should complete HSE 101 in Term 2.</li> <li>Create a <a href="#">Handshake</a> profile.</li> <li>Get involved with EPICS, the Generator Labs, and the <a href="#">Fulton Start-Up Center</a>.</li> </ul>
CHM 116: General Chemistry II (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Social-Behavioral Sciences (SB) ( HSE 101 recommended)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	14		
Term 3 28 - 43 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ERM 201: Environmental Management	3	C	<ul style="list-style-type: none"> <li>Prep for success using the <a href="#">Sophomore Guide</a>.</li> </ul>
CHM 231: Elementary Organic Chemistry (SQ)	3	C	
STP 226: Elements of Statistics (CS) OR HSE 230: Statistics for Human Systems Research I (CS)	3		
Literacy and Critical Inquiry (L)	3		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
 Complete CHM 113 course(s).			
 Complete MAT 210 course(s).			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	15		

Term 4 43 - 59 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ERM 203: Environmental Regulations	3	C	<ul style="list-style-type: none"> <li>• Pursue an <b>undergraduate research experience</b>.</li> <li>• Apply for <b>internships</b>.</li> <li>• Attend <b>career fairs and events</b>.</li> <li>• Students interested in taking EVE courses should check pre-requisites. These courses are only offered on the Tempe campus.</li> </ul>
PHY 111: General Physics (SQ)	3	C	
Technical Elective	3		
Humanities, Arts and Design (HU)	3		
Elective	4		
Term hours subtotal:	16		

Term 5 59 - 74 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 ERM 407: Occupational Hygiene	3		<ul style="list-style-type: none"> <li>• Plan for success using the <b>Junior Guide</b>.</li> <li>• Network at <b>student organization</b> competitions or professional societies.</li> </ul>
ERM 432: Sustainable Solid Waste Management	3		
Technical Elective	3		
ERM Upper Division Elective	3		
Upper Division Literacy and Critical Inquiry (L) ( TWC 446 recommended)	3		
 Complete CHM 231 course(s).			
Term hours subtotal:	15		

Term 6 74 - 90 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 ERM 302: Water and Wastewater Treatment Technology	3	C	<ul style="list-style-type: none"> <li>• Research and prepare for <b>graduate school</b>.</li> <li>• Apply for a <b>Fulton Schools 4+1 program</b>.</li> <li>• Develop a <b>professional profile online</b>.</li> </ul>
ERM 401: Hazardous Waste Management	3		
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Elective	3		
Elective	4		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	16		

Term 7 90 - 105 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 ERM 402: Unit Treatment Technologies	3		<ul style="list-style-type: none"> <li>• Plan for success using the <b>Senior Guide</b>.</li> <li>• Use <b>Handshake</b> to apply for full-time positions.</li> <li>• Complete an in person or virtual <b>practice interview</b>.</li> </ul>
 ERM 480: Senior Project	3	C	
Upper Division Technical Elective	3		
ERM Upper Division Elective	3		
Elective OR ERM 484: Internship	3		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 ERM 406: Environmental Chemistry	3		
ERM 428: International Environmental Management (G)	3		
Upper Division Technical Elective	3		
Complete 2 courses:	6		
Technical Elective			
Term hours subtotal:	15		



Hide Course List(s)/Track Group(s)

Technical Elective(s)

ABS OR AGB OR BIO OR CEE OR CHM  
OR CIS OR CSE OR ECN OR EDT OR EGR  
OR EVE OR FSE OR GIT OR GLG OR GPH  
OR HSE OR IFT OR MAT OR MFG OR  
OMT OR PHY OR PUP OR SOS OR TEM  
OR TMC Elective

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.











## 2023 - 2024 Major Map



### Graphic Information Technology, BS



School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Polytechnic](#)

TSGITBS



Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ASU 101-TPS: The ASU Experience	1		<ul style="list-style-type: none"> <li>ASU 101 is required of all first-year students.</li> <li>Prep for success using the <a href="#">First-Year Student Guide</a>.</li> <li>Join a <a href="#">Fulton community</a>.</li> <li>Explore <a href="#">engineering and technical professions</a>.</li> </ul>
 HSE 101: Introduction to Human Systems Engineering (SB)	3		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
GIT 135: Graphic Communications	3	C	
GIT 210: Creative Thinking and Design Visualization	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	16		
Term 2 16 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 GIT 230: Digital Illustration in Publishing	3	C	<ul style="list-style-type: none"> <li>Create a <a href="#">Handshake</a> profile.</li> <li>Get involved with EPICS, the Generator Labs, and the <a href="#">Fulton Start-Up Center</a>.</li> </ul>
 MAT 117: College Algebra (MA)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Natural Science - Quantitative (SQ)	4		
Elective	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Complete MAT 117 course(s).			
Term hours subtotal:	16		
Term 3 32 - 45 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 GIT 250: Introduction to Commercial Print	3		<ul style="list-style-type: none"> <li>Prep for success using the <a href="#">Sophomore Guide</a>.</li> </ul>
TMC 110: Understanding the Enterprise	3		
Computer/Statistics/Quantitative Applications (CS)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
 Complete GIT 135 AND GIT 210 course(s).			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	13		

Term 4 45 - 60 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 GIT 215: Introduction to Web Authoring	3	C	<ul style="list-style-type: none"> <li>• Pursue an <b>undergraduate research experience</b>.</li> <li>• Apply for <b>internships</b>.</li> <li>• Attend <b>career fairs and events</b>.</li> </ul>
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Literacy and Critical Inquiry (L)	3		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Elective	3		
Term hours subtotal:	15		

Term 5 60 - 75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 GIT 315: Digital Video Techniques	3		<ul style="list-style-type: none"> <li>• A secondary focus area is a group of courses comprising of 12 or more credit hours, of which a minimum of 3 credit hours must be upper-division, which form a coherent theme. Students may use a second primary focus track for their secondary focus requirement.</li> <li>• Plan for success using the <b>Junior Guide</b>.</li> <li>• Network at <b>student organization</b> competitions or professional societies.</li> </ul>
GIT 384: Commercial Photography	3		
TWC 451: Copyright and Intellectual Property in the Electronic Age	3		
Primary Focus Area	3		
Secondary Focus Area	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 GIT 303: Digital Publishing	3		<ul style="list-style-type: none"> <li>• A secondary focus area is a group of courses comprising of 12 or more credit hours, of which a minimum of 3 credit hours must be upper-division, which form a coherent theme. Students may use a second primary focus track for their secondary focus requirement.</li> <li>• Research and prepare for <b>graduate school</b>.</li> <li>• Apply for a <b>Fulton Schools 4+1 program</b>.</li> <li>• Develop a <b>professional profile online</b>.</li> </ul>
GIT 314: Multimedia Design, Planning and Storyboards	3		
Primary Focus Area	3		
Secondary Focus Area	3		
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 GIT 480: Senior Project	3		<ul style="list-style-type: none"> <li>• A secondary focus area is a group of courses comprising of 12 or more credit hours, of which a minimum of 3 credit hours must be upper-division, which form a coherent theme. Students may use a second primary focus track for their secondary focus requirement.</li> <li>• Plan for success using the <b>Senior Guide</b>.</li> <li>• Use <b>Handshake</b> to apply for full-time positions.</li> </ul>
GIT 450: Digital Workflow in Graphic Industries	3		
Upper Division Primary Focus Area	3		
Secondary Focus Area	3		
Upper Division Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 GIT 413: Professional Portfolio Design and Presentation	3		<ul style="list-style-type: none"> <li>• A secondary focus area is a group of courses comprising of 12 or more credit hours, of which a minimum of 3 credit hours must be upper-division, which form a coherent theme. Students may use a second primary focus track for their secondary focus requirement.</li> </ul>
GIT 432: Graphic Industry Business Practices	3		
Upper Division Primary Focus Area	3		
Upper Division Secondary Focus Area	3		
GIT Upper Division Elective ( GIT 484 recommended)	3		

Term hours subtotal: 15

- Complete an in person or virtual **practice interview**.

- Students in the BS Graphic Information Technology program select a primary focus area consisting of 12 hours of focused courses (minimum six hours of upper-division). Focus areas are listed below.

Hide Course List(s)/Track Group(s)

Digital Design, Print, and Publishing	Front-End Web Development	Interaction Design
GIT 333: Printing Technology	GIT 337: Web Content Design	GIT 340: Information Design and Usability
GIT 334: Image Editing and Manipulation	GIT 414: Web Site Design and Internet/Web Technologies	GIT 350: Cross-Media Design
GIT 437: Color Reproduction Systems	GIT 417: Advanced Web Markup and Scripting	GIT 402: New Media Internet Technologies
GIT 494: Special Topics	GIT 418: Multimedia Authoring, Scripting and Production	GIT 435: Website and E-Commerce Strategies
TWC 411: Principles of Visual Communication (L)	GIT 494: Special Topics	GIT 494: Special Topics
Commercial Photography and Video	Motion Graphics/Visual Effects	
GIT 334: Image Editing and Manipulation	GIT 211: 3D Media Production	
GIT 415: Advanced Digital Video Techniques	GIT 312: Computer Animation and Motion Graphics (CS)	
GIT 445: 360 Production	GIT 334: Image Editing and Manipulation	
GIT 490: Advanced Commercial Photography	GIT 411: Visual Narrative in Motion Graphics	
GIT 494: Special Topics	GIT 494: Special Topics	

**Notes:**

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**Total Hours:** 120

**Upper Division Hours:** 45 minimum

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**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.












## 2023 - 2024 Major Map

### Graphic Information Technology, BS



School/College: [Ira A. Fulton Schools of Engineering](#)



Location: [Online ASU Local](#)

TSGITBS

Term 1 - A 0 - 7 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ASU 101-TPS: The ASU Experience	1		<ul style="list-style-type: none"> <li>ASU 101 is required of all first-year students.</li> </ul>
GIT 135: Graphic Communications	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	7		
Term 1 - B 7 - 16 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 HSE 101: Introduction to Human Systems Engineering (SB)	3		<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> <li>Prep for success using the <a href="#">First-Year Student Guide</a></li> <li>Join a <a href="#">Fulton community</a>.</li> <li>Explore <a href="#">engineering and technical professions</a>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
GIT 210: Creative Thinking and Design Visualization	3		
Term hours subtotal:	9		
Term 2 - A 16 - 25 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 MAT 117: College Algebra (MA)	3	C	
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Elective	3		
Term hours subtotal:	9		
Term 2 - B 25 - 32 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 GIT 230: Digital Illustration in Publishing	3	C	<ul style="list-style-type: none"> <li>Create a <a href="#">Handshake</a> profile.</li> <li>Get involved with EPICS, the Generator Labs, and the <a href="#">Fulton Start-Up Center</a>.</li> </ul>
Natural Science - Quantitative (SQ)	4		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Complete MAT 117 course(s).			
Term hours subtotal:	7		
Term 3 - A 32 - 38 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 GIT 250: Introduction to Commercial Print	3		



TMC 110: Understanding the Enterprise	3
Term hours subtotal:	6

Term 3 - B 38 - 45 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
Computer/Statistics/Quantitative Applications (CS)	3		<ul style="list-style-type: none"> <li>• Prep for success using the <b>Sophomore Guide</b>.</li> </ul>
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
 Complete GIT 135 AND GIT 210 course(s).			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	7		

Term 4 - A 45 - 54 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 GIT 215: Introduction to Web Authoring	3	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	9		

Term 4 - B 54 - 60 Credit Hours	Hours	Minimum Grade	Notes
Literacy and Critical Inquiry (L)	3		<ul style="list-style-type: none"> <li>• Pursue an <b>undergraduate research experience</b>.</li> <li>• Apply for <b>internships</b>.</li> <li>• Attend <b>career fairs and events</b>.</li> </ul>
Elective	3		
Term hours subtotal:	6		

Term 5 - A 60 - 69 Credit Hours	Hours	Minimum Grade	Notes
GIT 384: Commercial Photography	3		<ul style="list-style-type: none"> <li>• A secondary focus area is a group of courses comprising of 12 or more credit hours (at least 3 credit hours must be at the upper-division level) which form a coherent theme.</li> </ul>
TWC 451: Copyright and Intellectual Property in the Electronic Age	3		
Primary Focus Area	3		
Term hours subtotal:	9		

Term 5 - B 69 - 75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 GIT 315: Digital Video Techniques	3		<ul style="list-style-type: none"> <li>• Plan for success using the <b>Junior Guide</b>.</li> <li>• Network at <b>student organization</b> competitions or professional societies.</li> </ul>
Secondary Focus Area	3		
Term hours subtotal:	6		

Term 6 - A 75 - 84 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 GIT 303: Digital Publishing	3		<ul style="list-style-type: none"> <li>• Research and prepare for <b>graduate school</b>.</li> <li>• Apply for a <b>Fulton Schools 4+1 program</b>.</li> <li>• Develop a <b>professional profile online</b>.</li> </ul>
GIT 314: Multimedia Design, Planning and Storyboards	3		
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	9		

Term 6 - B 84 - 90 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
Primary Focus Area	3		

Secondary Focus Area

3



Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 6

- A secondary focus area is a group of courses comprising of 12 or more credit hours (at least 3 credit hours must be at the upper-division level) which form a coherent theme.

Term 7 - A 90 - 99 Credit Hours	Hours	Minimum Grade	Notes
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GIT 450: Digital Workflow in Graphic Industries

3

Upper Division Primary Focus Area

3

Upper Division Literacy and Critical Inquiry (L)

3

Term hours subtotal: 9

- Plan for success using the **Senior Guide**.
- Use **Handshake** to apply for full-time positions.
- Complete an in person or virtual **practice interview**.

Term 7 - B 99 - 105 Credit Hours <b>Necessary course signified by</b>	Hours	Minimum Grade	Notes
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GIT 480: Senior Project

3

Secondary Focus Area

3

Term hours subtotal: 6

- A secondary focus area is a group of courses comprising of 12 or more credit hours (at least 3 credit hours must be at the upper-division level) which form a coherent theme.

Term 8 - A 105 - 111 Credit Hours <b>Necessary course signified by</b>	Hours	Minimum Grade	Notes
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GIT 413: Professional Portfolio Design and Presentation

3

Upper Division Primary Focus Area

3

Term hours subtotal: 6

Term 8 - B 111 - 120 Credit Hours	Hours	Minimum Grade	Notes
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GIT 432: Graphic Industry Business Practices

3

Upper Division Secondary Focus Area

3

GIT Upper Division Elective

3

Term hours subtotal: 9

- A secondary focus area is a group of courses comprising of 12 or more credit hours (at least 3 credit hours must be at the upper-division level) which form a coherent theme.

- Students in the BS Graphic Information Technology program select a primary focus area consisting of 12 hours of focused courses (minimum of six upper-division). Focus areas are listed below.

Hide Course List(s)/Track Group(s)

Interaction Design	Motion Graphics/Visual Effects	Digital Design, Print, and Publishing
GIT 340: Information Design and Usability	GIT 211: 3D Media Production	GIT 333: Printing Technology
GIT 350: Cross-Media Design	GIT 312: Computer Animation and Motion Graphics (CS)	GIT 334: Image Editing and Manipulation
GIT 402: New Media Internet Technologies	GIT 334: Image Editing and Manipulation	GIT 437: Color Reproduction Systems
GIT 435: Website and E-Commerce Strategies	GIT 411: Visual Narrative in Motion Graphics	GIT 494: Special Topics
GIT 494: Special Topics	GIT 494: Special Topics	TWC 411: Principles of Visual Communication (L)
Front-End Web Development	Commercial Photography and Video	



GIT 337: Web Content Design	GIT 334: Image Editing and Manipulation
GIT 414: Web Site Design and Internet/Web Technologies	GIT 415: Advanced Digital Video Techniques
GIT 417: Advanced Web Markup and Scripting	GIT 445: 360 Production
GIT 418: Multimedia Authoring, Scripting and Production	GIT 490: Advanced Commercial Photography
GIT 494: Special Topics	GIT 494: Special Topics

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.











## 2023 - 2024 Major Map

### Graphic Information Technology (Full-Stack Web Development), BS



School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Polytechnic](#)




ESGITFSWBS

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ASU 101-TPS: The ASU Experience	1		<ul style="list-style-type: none"> <li>ASU 101 is required of all first-year students.</li> <li>Prep for success using the <a href="#">First-Year Student Guide</a>.</li> <li>Join a <a href="#">Fulton community</a>.</li> <li>Explore <a href="#">engineering and technical professions</a>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
GIT 135: Graphic Communications	3	C	
GIT 210: Creative Thinking and Design Visualization	3		
MAT 117: College Algebra (MA)	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	16		
Term 2 16 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 GIT 230: Digital Illustration in Publishing	3	C	<ul style="list-style-type: none"> <li>Create a <a href="#">Handshake</a> profile.</li> <li>Get involved with EPICS, the Generator Labs, and the <a href="#">Fulton Start-Up Center</a>.</li> </ul>
 HSE 101: Introduction to Human Systems Engineering (SB)	3		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
GIT 250: Introduction to Commercial Print	3		
Natural Science - Quantitative (SQ)	4		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Complete MAT 117 course(s).			
Term hours subtotal:	16		
Term 3 32 - 48 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
IFT 101: Information Technology Programming Logic	3	C	<ul style="list-style-type: none"> <li>Prep for success using the <a href="#">Sophomore Guide</a>.</li> </ul>
TMC 110: Understanding the Enterprise	3		
Computer/Statistics/Quantitative Applications (CS)	3		
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
 Complete GIT 135 AND GIT 210 course(s).			
 Complete Mathematics (MA) requirement.			


Term hours subtotal: 16

Term 4 48 - 63 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 GIT 215: Introduction to Web Authoring	3	C	<ul style="list-style-type: none"> <li>Pursue an undergraduate research experience.</li> <li>Apply for internships.</li> <li>Attend career fairs and events.</li> </ul>
IFT 200: Information Modeling, Storage and Retrieval	3	C	
Literacy and Critical Inquiry (L)	3		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Elective	3		
Term hours subtotal:	15		

Term 5 63 - 78 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 GIT 337: Web Content Design	3	C	<ul style="list-style-type: none"> <li>Plan for success using the <b>Junior Guide</b>.</li> <li>Network at student organization competitions or professional societies.</li> </ul>
GIT 303: Digital Publishing	3		
GIT 315: Digital Video Techniques	3		
GIT 384: Commercial Photography	3		
IFT 210: Introduction to Java Technologies	3	C	
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 GIT 314: Multimedia Design, Planning and Storyboards	3		<ul style="list-style-type: none"> <li>Thinking about graduate school? Consider registering for a grad school test prep course.</li> <li>Develop a professional profile online.</li> </ul>
GIT 414: Web Site Design and Internet/Web Technologies	3		
IFT 458: Middleware Programming and Database Security	3	C	
TWC 451: Copyright and Intellectual Property in the Electronic Age	3		
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 GIT 450: Digital Workflow in Graphic Industries	3		<ul style="list-style-type: none"> <li>Plan for success using the <b>Senior Guide</b>.</li> <li>Use <b>Handshake</b> to apply for full-time positions.</li> </ul>
GIT 417: Advanced Web Markup and Scripting	3	C	
GIT 480: Senior Project	3		
Upper Division Full-Stack Elective	3		
Upper Division Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 GIT 413: Professional Portfolio Design and Presentation	3		<ul style="list-style-type: none"> <li>Complete an in person or virtual practice interview.</li> </ul>
GIT 418: Multimedia Authoring, Scripting and Production	3		
GIT 432: Graphic Industry Business Practices	3		
Elective	3		
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

Full-Stack Elective

GIT 340: Information Design and Usability

GIT 435: Website and E-Commerce Strategies

GIT 484: Internship

IFT 300: Intermediate Database Management Systems

IFT 365: Applied Programming Language for Information Technology

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.









## 2023 - 2024 Major Map

### Graphic Information Technology (Full-Stack Web Development), BS

School/College: [Ira A. Fulton Schools of Engineering](#)




Location: [Online ASU Local](#)



ESGITFSWBS

Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ASU 101-TPS: The ASU Experience	1		<ul style="list-style-type: none"> <li>ASU 101 is required of all first-year students.</li> <li>Prep for success using the <a href="#">First-Year Student Guide</a>.</li> <li>Join a <a href="#">Fulton community</a>.</li> <li>Explore <a href="#">engineering and technical professions</a>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
GIT 135: Graphic Communications	3	C	
Term hours subtotal:	7		
Term 1 - B 7 - 16 Credit Hours	Hours	Minimum Grade	Notes
GIT 210: Creative Thinking and Design Visualization	3		<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> </ul>
MAT 117: College Algebra (MA)	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	9		
Term 2 - A 16 - 25 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR			<ul style="list-style-type: none"> <li>Create a <a href="#">Handshake</a> profile.</li> <li>Get involved with EPICS, the Generator Labs, and the <a href="#">Fulton Start-Up Center</a>.</li> </ul>
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
 GIT 230: Digital Illustration in Publishing	3	C	
 HSE 101: Introduction to Human Systems Engineering (SB)	3		
Term hours subtotal:	9		
Term 2 - B 25 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
GIT 250: Introduction to Commercial Print	3		
Natural Science - Quantitative (SQ)	4		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Complete MAT 117 course(s).			
Term hours subtotal:	7		
Term 3 - A 32 - 42 Credit Hours	Hours	Minimum Grade	Notes
IFT 101: Information Technology Programming Logic	3	C	

TMC 110: Understanding the Enterprise	3
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4
Term hours subtotal:	10

- Prep for success using the [Sophomore Guide](#).



Term 3 - B 42 - 48 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
Computer/Statistics/Quantitative Applications (CS)	3		
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
 Complete GIT 135 AND GIT 210 course(s).			
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	6		


Term 4 - A 48 - 54 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 GIT 215: Introduction to Web Authoring	3	C	<ul style="list-style-type: none"> <li>• Pursue an <a href="#">undergraduate research experience</a>.</li> <li>• Apply for <a href="#">internships</a>.</li> <li>• Attend <a href="#">career fairs and events</a>.</li> </ul>
IFT 200: Information Modeling, Storage and Retrieval	3	C	
Term hours subtotal:	6		

Term 4 - B 54 - 63 Credit Hours	Hours	Minimum Grade	Notes
Literacy and Critical Inquiry (L)	3		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Elective	3		
Term hours subtotal:	9		

Term 5 - A 63 - 72 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 GIT 337: Web Content Design	3	C	<ul style="list-style-type: none"> <li>• Plan for success using the <a href="#">Junior Guide</a>.</li> <li>• Network at <a href="#">student organization</a> competitions or professional societies.</li> </ul>
GIT 303: Digital Publishing	3		
IFT 210: Introduction to Java Technologies	3	C	
Term hours subtotal:	9		

Term 5 - B 72 - 78 Credit Hours	Hours	Minimum Grade	Notes
GIT 315: Digital Video Techniques	3		
GIT 384: Commercial Photography	3		
Term hours subtotal:	6		

Term 6 - A 78 - 84 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 GIT 314: Multimedia Design, Planning and Storyboards	3		<ul style="list-style-type: none"> <li>• Thinking about graduate school? Consider registering for a grad school <a href="#">test prep course</a>.</li> <li>• Develop a <a href="#">professional profile online</a>.</li> </ul>
GIT 414: Web Site Design and Internet/Web Technologies	3		
Term hours subtotal:	6		

Term 6 - B 84 - 93 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
IFT 458: Middleware Programming and Database Security	3	C	
TWC 451: Copyright and Intellectual Property in the Electronic Age	3		

Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) 3

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 9

Term 7 - A 93 - 102 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ GIT 450: Digital Workflow in Graphic Industries 3

GIT 417: Advanced Web Markup and Scripting 3 C

GIT 480: Senior Project 3

Term hours subtotal: 9

- Plan for success using the **Senior Guide**.
- Use **Handshake** to apply for full-time positions.

Term 7 - B 102 - 108 Credit Hours	Hours	Minimum Grade	Notes
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Upper Division Full-Stack Elective 3

Upper Division Literacy and Critical Inquiry (L) 3

Term hours subtotal: 6

Term 8 - A 108 - 114 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ GIT 413: Professional Portfolio Design and Presentation 3

GIT 432: Graphic Industry Business Practices 3

Term hours subtotal: 6

- Complete an in person or virtual **practice interview**.

Term 8 - B 114 - 120 Credit Hours	Hours	Minimum Grade	Notes
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GIT 418: Multimedia Authoring, Scripting and Production 3

Elective 3

Term hours subtotal: 6

Hide Course List(s)/Track Group(s)

Full-Stack Elective

GIT 340: Information Design and Usability

GIT 435: Website and E-Commerce Strategies

GIT 484: Internship

IFT 300: Intermediate Database Management Systems

IFT 365: Applied Programming Language for Information Technology

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.












## 2023 - 2024 Major Map



### Graphic Information Technology (User Experience), BS

School/College: [Ira A. Fulton Schools of Engineering](#)




Location: [Polytechnic](#)




ESGITUEBS

Term 1 0 - 16 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ASU 101-TPS: The ASU Experience	1		<ul style="list-style-type: none"> <li>ASU 101 is required of all first-year students.</li> <li>Prep for success using the <a href="#">First-Year Student Guide</a>.</li> <li>Join a <a href="#">Fulton community</a>.</li> <li>Explore <a href="#">engineering and technical professions</a>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
GIT 135: Graphic Communications	3	C	
GIT 210: Creative Thinking and Design Visualization	3		
MAT 117: College Algebra (MA)	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	16		
Term 2 16 - 32 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 GIT 230: Digital Illustration in Publishing	3	C	<ul style="list-style-type: none"> <li>Create a <a href="#">Handshake</a> profile.</li> <li>Get involved with EPICS, the Generator Labs, and the <a href="#">Fulton Start-Up Center</a>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
GIT 250: Introduction to Commercial Print	3		
HSE 101: Introduction to Human Systems Engineering (SB)	3	C	
Natural Science - Quantitative (SQ)	4		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Complete MAT 117 course(s).			
Term hours subtotal:	16		
Term 3 32 - 45 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
HSE 230: Statistics for Human Systems Research I (CS)	3	C	<ul style="list-style-type: none"> <li>Prep for success using the <a href="#">Sophomore Guide</a>.</li> </ul>
TMC 110: Understanding the Enterprise	3		
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
 Complete GIT 135 AND GIT 210 course(s).			
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	13		

Term 4 45 - 60 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 GIT 215: Introduction to Web Authoring	3	C	<ul style="list-style-type: none"> <li>• Pursue an <b>undergraduate research</b> experience.</li> <li>• Apply for <b>internships</b>.</li> <li>• Attend <b>career fairs and events</b>.</li> </ul>
HSE 225: Human Systems Integration	3	C	
HSE 290: Experimental Methods for Human Systems Research (L)	3	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Elective	3		
Term hours subtotal:	15		

Term 5 60 - 75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 GIT 337: Web Content Design	3	C	<ul style="list-style-type: none"> <li>• Plan for success using the <b>Junior Guide</b>.</li> <li>• Network at <b>student organization</b> competitions or professional societies.</li> </ul>
GIT 303: Digital Publishing	3		
GIT 315: Digital Video Techniques	3		
GIT 384: Commercial Photography	3		
TWC 451: Copyright and Intellectual Property in the Electronic Age	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 GIT 314: Multimedia Design, Planning and Storyboards	3		<ul style="list-style-type: none"> <li>• Thinking about graduate school? Consider registering for a grad school <b>test prep</b> course.</li> <li>• Apply for a <b>Fulton Schools 4+1</b> program.</li> <li>• Develop a <b>professional profile</b> online.</li> </ul>
GIT 340: Information Design and Usability	3		
GIT 414: Web Site Design and Internet/Web Technologies	3		
HSE 390: Qualitative Research Methods (L)	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 GIT 450: Digital Workflow in Graphic Industries	3		<ul style="list-style-type: none"> <li>• Plan for success using the <b>Senior Guide</b>.</li> <li>• Use <b>Handshake</b> to apply for full-time positions.</li> </ul>
 GIT 480: Senior Project	3		
HSE 325: Human-Computer Interaction	3	C	
TWC 301: Fundamentals of Writing for Digital Media (L)	3		
GIT Elective	3		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 GIT 413: Professional Portfolio Design and Presentation	3		<ul style="list-style-type: none"> <li>• Complete an in person or virtual <b>practice interview</b>.</li> </ul>
GIT 432: Graphic Industry Business Practices	3		
TWC 414: Visualizing Data and Information	3		
TWC 444: User Experience	3		
GIT 484: Internship OR Elective	3		
Term hours subtotal:	15		

Hide Course List(s)/Track Group(s)

**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.








## 2023 - 2024 Major Map

### Graphic Information Technology (User Experience), BS

School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Online ASU Local](#)

ESGITUEBS

Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ASU 101-TPS: The ASU Experience	1		<ul style="list-style-type: none"> <li>ASU 101 is required of all first-year students.</li> <li>Prep for success using the <a href="#">First-Year Student Guide</a>.</li> <li>Join a <a href="#">Fulton community</a>.</li> <li>Explore <a href="#">engineering and technical professions</a>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
GIT 135: Graphic Communications	3	C	
Term hours subtotal:	7		
Term 1 - B 7 - 16 Credit Hours	Hours	Minimum Grade	Notes
GIT 210: Creative Thinking and Design Visualization	3		<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> </ul>
MAT 117: College Algebra (MA)	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	9		
Term 2 - A 16 - 25 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 GIT 230: Digital Illustration in Publishing	3	C	<ul style="list-style-type: none"> <li>Create a <a href="#">Handshake</a> profile.</li> <li>Get involved with EPICS, the Generator Labs, and the <a href="#">Fulton Start-Up Center</a>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
HSE 101: Introduction to Human Systems Engineering (SB)	3	C	
Term hours subtotal:	9		
Term 2 - B 25 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
GIT 250: Introduction to Commercial Print	3		
Natural Science - Quantitative (SQ)	4		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Complete MAT 117 course(s).			
Term hours subtotal:	7		
Term 3 - A 32 - 39 Credit Hours	Hours	Minimum Grade	Notes
TMC 110: Understanding the Enterprise	3		

Natural Science - General (SG) OR Natural Science - Quantitative (SQ) 4


- Prep for success using the [Sophomore Guide](#).

Term hours subtotal: 7

Term 3 - B 39 - 45 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
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HSE 230: Statistics for Human Systems Research I (CS)	3	C	
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Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
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 Complete GIT 135 AND GIT 210 course(s).			
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Complete Mathematics (MA) requirement.			
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Term hours subtotal: 6

Term 4 - A 45 - 51 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
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 GIT 215: Introduction to Web Authoring	3	C	
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HSE 225: Human Systems Integration	3	C	
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Term hours subtotal: 6

- Pursue an [undergraduate research](#) experience.
- Apply for [internships](#).
- Attend [career fairs and events](#).

Term 4 - B 51 - 60 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
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 HSE 290: Experimental Methods for Human Systems Research (L)	3	C	
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Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
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Elective	3		
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Term hours subtotal: 9

Term 5 - A 60 - 69 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
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 GIT 337: Web Content Design	3	C	
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GIT 303: Digital Publishing	3		
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TWC 451: Copyright and Intellectual Property in the Electronic Age	3		
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Term hours subtotal: 9

- Plan for success using the [Junior Guide](#).
- Network at [student organization](#) competitions or professional societies.

Term 5 - B 69 - 75 Credit Hours	Hours	Minimum Grade	Notes
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GIT 315: Digital Video Techniques	3		
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GIT 384: Commercial Photography	3		
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Term hours subtotal: 6

Term 6 - A 75 - 84 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
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 GIT 314: Multimedia Design, Planning and Storyboards	3		
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GIT 340: Information Design and Usability	3		
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Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
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Term hours subtotal: 9

- Thinking about graduate school? Consider registering for a [grad school test prep](#) course.
- Apply for a [Fulton Schools 4+1](#) program.
- Develop a [professional profile](#) online.

Term 6 - B 84 - 90 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
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GIT 414: Web Site Design and Internet/Web Technologies	3		
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HSE 390: Qualitative Research Methods (L)	3	C	
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★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 6

Term 7 - A 90 - 96 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ GIT 450: Digital Workflow in Graphic Industries	3		<ul style="list-style-type: none"> <li>Plan for success using the <b>Senior Guide</b>.</li> <li>Use <b>Handshake</b> to apply for full-time positions.</li> </ul>
★ GIT 480: Senior Project	3		
Term hours subtotal:	6		

Term 7 - B 96 - 105 Credit Hours	Hours	Minimum Grade	Notes
HSE 325: Human-Computer Interaction	3	C	
TWC 301: Fundamentals of Writing for Digital Media (L)	3		
GIT Elective	3		
Term hours subtotal:	9		

Term 8 - A 105 - 114 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ GIT 413: Professional Portfolio Design and Presentation	3		<ul style="list-style-type: none"> <li>Complete an in person or virtual <b>practice interview</b>.</li> </ul>
TWC 414: Visualizing Data and Information	3		
Elective	3		
Term hours subtotal:	9		

Term 8 - B 114 - 120 Credit Hours	Hours	Minimum Grade	Notes
GIT 432: Graphic Industry Business Practices	3		
TWC 444: User Experience	3		
Term hours subtotal:	6		

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
  - Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)

- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.










## 2023 - 2024 Major Map

### Human Systems Engineering, BS



School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Polytechnic](#)




ESHSEBS



Term 1 0 - 14 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ASU 101-TPS: The ASU Experience	1		<ul style="list-style-type: none"> <li>ASU 101 is required of all first-year students.</li> <li>Prep for success using the <a href="#">First-Year Student Guide</a>.</li> <li>Join a <a href="#">Fulton community</a>.</li> <li>Explore <a href="#">engineering and technical professions</a>.</li> </ul>
 HSE 101: Introduction to Human Systems Engineering (SB)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 170: Precalculus (MA)	3	C	
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	14		
Term 2 14 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 HSE 230: Statistics for Human Systems Research I (CS)	3	C	<ul style="list-style-type: none"> <li>Create a <a href="#">Handshake</a> profile.</li> <li>Get involved with EPICS, the Generator Labs, and the <a href="#">Fulton Start-Up Center</a>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
FSE 100: Introduction to Engineering	2		
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Elective	1		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		
Term 3 30 - 45 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 HSE 290: Experimental Methods for Human Systems Research (L)	3	C	<ul style="list-style-type: none"> <li>Prep for success using the <a href="#">Sophomore Guide</a>.</li> </ul>
HSE 223: Applied Biology of Human Behavior (SB)	3	C	
HSE 224: Applied Social Science (SB)	3	C	
Technical Elective	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	15		



Term 4 45 - 60 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 HSE 225: Human Systems Integration	3	C	<ul style="list-style-type: none"> <li>Pursue an <b>undergraduate research experience</b>.</li> <li>Apply for <b>internships</b>.</li> <li>Attend <b>career fairs and events</b>.</li> </ul>
<i>Complete 2 courses:</i>			
Technical Elective	6		
Global Awareness (G)	3		
Elective	3		
Term hours subtotal:	15		

Term 5 60 - 75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 HSE 324: Applied Cognitive Science (SB)	3	C	<ul style="list-style-type: none"> <li>Plan for success using the <b>Junior Guide</b>.</li> <li>Network at <b>student organization</b> competitions or professional societies.</li> </ul>
HSE 390: Qualitative Research Methods (L)	3	C	
Human Systems Engineering Elective	3		
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 HSE 323: Perceptual Systems (SB)	3	C	<ul style="list-style-type: none"> <li>Research and prepare for <b>graduate school</b>.</li> <li>Apply for an <b>engineering 4+1 program</b>.</li> <li>Develop a <b>professional profile online</b>.</li> </ul>
HSE 325: Human-Computer Interaction	3	C	
Upper Division Human Systems Engineering Elective	3		
Technical Elective	3		
Upper Division Elective	3		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 HSE 430: Statistics for Human Systems Research II (CS)	3	C	<ul style="list-style-type: none"> <li>Plan for success using the <b>Senior Guide</b>.</li> <li>Use <b>Handshake</b> to apply for full-time positions.</li> <li>Complete an in person or virtual <b>practice interview</b>.</li> </ul>
<i>Complete 2 courses:</i>			
Upper Division Human Systems Engineering Elective	6		
Upper Division Technical Elective	3		
Upper Division Elective	3		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 HSE 477: Human Systems Engineering Capstone Experience	3	C	
<i>Complete 2 courses:</i>			
Upper Division Human Systems Engineering Elective	6		
<i>Complete 2 courses:</i>			
Elective	6		
Term hours subtotal:	15		

• Technical Electives should be chosen from the prefixes below. Three credit hours must be upper-division.

Hide Course List(s)/Track Group(s)

Technical Electives	Human Systems Engineering Elective
AME Elective	HSE 422: Human Factors in Sport
AMT Elective	HSE 423: Human Factors in Transportation
BIO Elective	HSE 424: Human Automation Interaction
BME Elective	HSE 425: Human Factors in Medical Systems
BMI Elective	HSE 426: Training and Expertise
CAP Elective	HSE 427: Designing for Learning
CIS Elective	HSE 428: Judgment and Decision Making
CSE Elective	HSE 429: Product Design and Evaluation
EEE Elective	HSE 484: Internship
EGR Elective	HSE 494: Special Topics
GIT Elective	HSE 499: Individualized Instruction
HSE Elective	
IEE Elective	
IFT Elective	
MFG Elective	
OMT Elective	
PSY Elective	
SER Elective	
TEM Elective	
TMC Elective	
TWC Elective	

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)

**Total Community College Hrs:** 64 maximum

- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.









## 2023 - 2024 Major Map

### Human Systems Engineering, BS

School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Online ASU Local](#)

ESHSEBS

Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ASU 101-TPS: The ASU Experience	1		<ul style="list-style-type: none"> <li>ASU 101 is required of all first-year students.</li> <li>Prep for success using the <a href="#">Freshman Guide</a>.</li> <li>Join a <a href="#">Fulton community</a>.</li> <li>Explore <a href="#">engineering and technical professions</a>.</li> </ul>
 HSE 101: Introduction to Human Systems Engineering (SB)	3	C	
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Term hours subtotal:	7		
Term 1 - B 7 - 14 Credit Hours	Hours	Minimum Grade	Notes
MAT 170: Precalculus (MA)	3	C	<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> </ul>
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	7		
Term 2 - A 14 - 24 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 HSE 230: Statistics for Human Systems Research I (CS)	3	C	<ul style="list-style-type: none"> <li>Create a <a href="#">Handshake</a> profile.</li> <li>Get involved with EPICS, the Generator Labs, and the <a href="#">Fulton Start-Up Center</a>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	10		
Term 2 - B 24 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
FSE 100: Introduction to Engineering	2		
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Elective	1		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	6		
Term 3 - A 30 - 39 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes

• Prep for success using the [Sophomore Guide](#).

⚠ HSE 290: Experimental Methods for Human Systems Research (L)	3	C
HSE 223: Applied Biology of Human Behavior (SB)	3	C
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3	
Term hours subtotal:	9	

- Consult the [Resume, Presentation, and Resource Library](#) for tips on how to create a technical resume, job shadow, do informational interviews and mentor with alumni.

Term 3 - B 39 - 45 Credit Hours Critical course signified by ⚠	Hours	Minimum Grade	Notes
HSE 224: Applied Social Science (SB)	3	C	
Technical Elective	3		
⚠ Complete Mathematics (MA) requirement.			
Term hours subtotal:	6		

Term 4 - A 45 - 51 Credit Hours Critical course signified by ⚠	Hours	Minimum Grade	Notes
⚠ HSE 225: Human Systems Integration	3	C	
Technical Elective	3		
Term hours subtotal:	6		

- Pursue an [undergraduate research experience](#).
- Apply for [internships](#).
- Attend [career fairs and events](#).

Term 4 - B 51 - 60 Credit Hours	Hours	Minimum Grade	Notes
Technical Elective	3		
Global Awareness (G)	3		
Elective	3		
Term hours subtotal:	9		

Term 5 - A 60 - 69 Credit Hours Necessary course signified by ⭐	Hours	Minimum Grade	Notes
⭐ HSE 324: Applied Cognitive Science (SB)	3	C	
Human Systems Engineering Elective	3		
Elective	3		
Term hours subtotal:	9		

- Plan for success using the [Junior Guide](#).
- Network at [student organization](#) competitions or professional societies.

Term 5 - B 69 - 75 Credit Hours	Hours	Minimum Grade	Notes
HSE 390: Qualitative Research Methods (L)	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		

Term 6 - A 75 - 84 Credit Hours Necessary course signified by ⭐	Hours	Minimum Grade	Notes
⭐ HSE 323: Perceptual Systems (SB)	3	C	
Upper Division Human Systems Engineering Elective	3		
Technical Elective	3		
Term hours subtotal:	9		

- Research and prepare for [graduate school](#).
- Apply for an [engineering 4+1 program](#).
- Develop a [professional profile online](#).

Term 6 - B 84 - 90 Credit Hours Necessary course signified by ⭐	Hours	Minimum Grade	Notes
HSE 325: Human-Computer Interaction	3	C	
Upper Division Elective	3		

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 6

Term 7 - A 90 - 99 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HSE 430: Statistics for Human Systems Research II (CS)	3	C	<ul style="list-style-type: none"> <li>Plan for success using the <a href="#">Senior Guide</a>.</li> <li>Use <a href="#">Handshake</a> to apply for full-time positions.</li> <li>Complete an in person or virtual <a href="#">practice interview</a>.</li> </ul>
Upper Division Human Systems Engineering Elective	3		
Upper Division Technical Elective	3		
Term hours subtotal:	9		

Term 7 - B 99 - 105 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Human Systems Engineering Elective	3		
Upper Division Elective	3		
Term hours subtotal:	6		

Term 8 - A 105 - 114 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HSE 477: Human Systems Engineering Capstone Experience	3	C	
Upper Division Human Systems Engineering Elective	3		
Elective	3		
Term hours subtotal:	9		

Term 8 - B 114 - 120 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Human Systems Engineering Elective	3		
Elective	3		
Term hours subtotal:	6		

- Technical electives should be chosen from the prefixes below. Three credit hours must be upper-division.

Hide Course List(s)/Track Group(s)

Technical Electives	Human System Engineering Electives
BIO Elective	HSE 422: Human Factors in Sport
BMI Elective	HSE 423: Human Factors in Transportation
CIS Elective	HSE 424: Human Automation Interaction
CSE Elective	HSE 425: Human Factors in Medical Systems
EEE Elective	HSE 426: Training and Expertise
GIT Elective	HSE 427: Designing for Learning
HSE Elective	HSE 428: Judgment and Decision Making
IEE Elective	HSE 429: Product Design and Evaluation
IFT Elective	HSE 484: Internship
OMT Elective	HSE 494: Special Topics

PSY Elective

HSE 499: Individualized Instruction

SER Elective

TEM Elective

TMC Elective

TWC Elective

**Notes:**

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- **Mathematics Placement Assessment score** determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

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**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.










## 2023 - 2024 Major Map

### Human Systems Engineering (User Experience), BS



School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Polytechnic](#)




ESHSEUEBS



Term 1 0 - 14 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ASU 101-TPS: The ASU Experience	1		<ul style="list-style-type: none"> <li>ASU 101 is required of all first-year students.</li> <li>Prep for success using the <a href="#">First-Year Student Guide</a>.</li> <li>Join a <a href="#">Fulton community</a>.</li> <li>Explore <a href="#">engineering and technical professions</a>.</li> </ul>
 HSE 101: Introduction to Human Systems Engineering (SB)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 170: Precalculus (MA)	3	C	
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	14		
Term 2 14 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 HSE 230: Statistics for Human Systems Research I (CS)	3	C	<ul style="list-style-type: none"> <li>Create a <a href="#">Handshake</a> profile.</li> <li>Get involved with EPICS, the Generator Labs, and the <a href="#">Fulton Start-Up Center</a>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
FSE 100: Introduction to Engineering	2		
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Elective	1		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		
Term 3 30 - 45 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 HSE 290: Experimental Methods for Human Systems Research (L)	3	C	<ul style="list-style-type: none"> <li>Prep for success using the <a href="#">Sophomore Guide</a>.</li> </ul>
HSE 223: Applied Biology of Human Behavior (SB)	3	C	
HSE 224: Applied Social Science (SB)	3	C	
User Experience Concentration Course	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	15		





Term 4 45 - 60 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 HSE 225: Human Systems Integration	3	C	<ul style="list-style-type: none"> <li>• Pursue an <b>undergraduate research experience</b>.</li> <li>• Apply for <b>internships</b>.</li> <li>• Attend <b>career fairs and events</b>.</li> </ul>
CIS 105: Computer Applications and Information Technology (CS) OR CSE 100: Principles of Programming with C++ (CS) OR CSE 110: Principles of Programming (CS) OR CSE 180: Computer Literacy (CS)	3		
OR EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)			
User Experience Concentration Course	3	C	
Global Awareness (G)	3		
Elective	3		
Term hours subtotal:	15		

Term 5 60 - 75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 HSE 324: Applied Cognitive Science (SB)	3	C	<ul style="list-style-type: none"> <li>• Plan for success using the <b>Junior Guide</b>.</li> <li>• Network at <b>student organization competitions</b> or professional societies.</li> </ul>
HSE 390: Qualitative Research Methods (L)	3	C	
Upper Division Human Systems Engineering Elective	3		
User Experience Concentration Course	3	C	
Elective	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 HSE 323: Perceptual Systems (SB)	3	C	<ul style="list-style-type: none"> <li>• Research and prepare for <b>graduate school</b>.</li> <li>• Apply for an <b>engineering 4+1 program</b>.</li> <li>• Develop a <b>professional profile online</b>.</li> </ul>
HSE 325: Human-Computer Interaction	3	C	
Complete 2 courses:	6		
Upper Division Human Systems Engineering Elective			
User Experience Concentration Course	3	C	
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 HSE 430: Statistics for Human Systems Research II (CS)	3		<ul style="list-style-type: none"> <li>• Plan for success using the <b>Senior Guide</b>.</li> <li>• Apply for <b>full-time positions</b>.</li> <li>• Complete an in person or virtual <b>practice interview</b>.</li> </ul>
Complete 2 courses:	6	C	
Upper Division User Experience Concentration Course			
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 HSE 477: Human Systems Engineering Capstone Experience	3	C	
Upper Division User Experience Concentration Course	3	C	
Complete 3 courses:	9		
Upper Division Elective			
Term hours subtotal:	15		

- Students must take seven classes from the User Experience Concentration list below, and three classes from the HSE Electives list below.

Hide Course List(s)/Track Group(s)

User Experience Concentration	Human Systems Engineering Elective
GIT 135: Graphic Communications	HSE 422: Human Factors in Sport
GIT 210: Creative Thinking and Design Visualization	HSE 423: Human Factors in Transportation
GIT 215: Introduction to Web Authoring	HSE 424: Human Automation Interaction
GIT 230: Digital Illustration in Publishing	HSE 425: Human Factors in Medical Systems
GIT 337: Web Content Design	HSE 426: Training and Expertise
GIT 340: Information Design and Usability	HSE 427: Designing for Learning
GIT 402: New Media Internet Technologies	HSE 428: Judgment and Decision Making
GIT 414: Web Site Design and Internet/Web Technologies	HSE 429: Product Design and Evaluation
GIT 417: Advanced Web Markup and Scripting	HSE 484: Internship
GIT 418: Multimedia Authoring, Scripting and Production	HSE 494: Special Topics
GIT 494: UI/UX Consulting	HSE 499: Individualized Instruction
HSE 427: Designing for Learning	
HSE 429: Product Design and Evaluation	
TWC 411: Principles of Visual Communication (L)	
TWC 414: Visualizing Data and Information	
TWC 421: Principles of Web Authoring (L)	
TWC 444: User Experience	

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**General University Requirements Legend**

General Studies Core Requirements:

**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for**  
**Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.










## 2023 - 2024 Major Map

### Human Systems Engineering (User Experience), BS

School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Online ASU Local](#)

ESHSEUEBS

Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ASU 101-TPS: The ASU Experience	1		<ul style="list-style-type: none"> <li>ASU 101 is required of all first-year students.</li> <li>Prep for success using the <a href="#">First-Year Student Guide</a>.</li> <li>Join a <a href="#">Fulton community</a>.</li> <li>Explore <a href="#">engineering and technical professions</a>.</li> </ul>
 HSE 101: Introduction to Human Systems Engineering (SB)	3	C	
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Term hours subtotal:	7		
Term 1 - B 7 - 14 Credit Hours	Hours	Minimum Grade	Notes
MAT 170: Precalculus (MA)	3	C	<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> </ul>
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	7		
Term 2 - A 14 - 23 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 HSE 230: Statistics for Human Systems Research I (CS)	3	C	<ul style="list-style-type: none"> <li>Create a <a href="#">Handshake</a> profile.</li> <li>Get involved with EPICS, the Generator Labs, and the <a href="#">Fulton Start-Up Center</a>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
FSE 100: Introduction to Engineering	2		
Elective	1		
Term hours subtotal:	9		
Term 2 - B 23 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	7		
Term 3 - A 30 - 36 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 HSE 290: Experimental Methods for Human Systems Research (L)	3	C	

HSE 223: Applied Biology of Human Behavior (SB) 3 C

- Prep for success using the [Sophomore Guide](#).


Term hours subtotal: 6

Term 3 - B 36 - 45 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
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HSE 224: Applied Social Science (SB) 3 C

User Experience Concentration Course 3 C

Humanities, Arts and Design (HU) AND Historical Awareness (H) 3

 Complete Mathematics (MA) requirement.

Term hours subtotal: 9

Term 4 - A 45 - 51 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
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 HSE 225: Human Systems Integration 3 C

CIS 105: Computer Applications and Information Technology (CS) OR  
CSE 100: Principles of Programming with C++ (CS) OR CSE 110:

Principles of Programming (CS) OR CSE 180: Computer Literacy (CS) 3

OR EDT 180: Technology Literacy: Problem Solving using Digital  
Technology Applications (CS)

Term hours subtotal: 6

- Pursue an [undergraduate research experience](#).
- Apply for [internships](#).
- Attend [career fairs and events](#).


Term 4 - B 51 - 60 Credit Hours	Hours	Minimum Grade	Notes
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User Experience Concentration Course 3 C

Global Awareness (G) 3

Elective 3

Term hours subtotal: 9

Term 5 - A 60 - 69 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
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 HSE 324: Applied Cognitive Science (SB) 3 C

Upper Division Human Systems Engineering Elective 3

User Experience Concentration Course 3 C

Term hours subtotal: 9

- Plan for success using the [Junior Guide](#).
- Network at [student organization competitions](#) or professional societies.

Term 5 - B 69 - 75 Credit Hours	Hours	Minimum Grade	Notes
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HSE 390: Qualitative Research Methods (L) 3 C

Elective 3

Term hours subtotal: 6

Term 6 - A 75 - 84 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
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 HSE 323: Perceptual Systems (SB) 3 C

Upper Division Human Systems Engineering Elective 3

User Experience Concentration Course 3 C

Term hours subtotal: 9

- Research and prepare for [graduate school](#).
- Apply for an [engineering 4+1 program](#).
- Develop a [professional profile online](#).

Term 6 - B 84 - 90 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
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HSE 325: Human-Computer Interaction 3 C

Upper Division Human Systems Engineering Elective 3

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 6

Term 7 - A 90 - 96 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HSE 430: Statistics for Human Systems Research II (CS)	3		<ul style="list-style-type: none"> <li>• Plan for success using the <b>Senior Guide</b>.</li> <li>• Apply for <b>full-time positions</b>.</li> <li>• Complete an in person or virtual <b>practice interview</b>.</li> </ul>
Upper Division User Experience Concentration Course	3	C	
Term hours subtotal:	6		

Term 7 - B 96 - 105 Credit Hours	Hours	Minimum Grade	Notes
Upper Division User Experience Concentration Course	3	C	
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	9		

Term 8 - A 105 - 111 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HSE 477: Human Systems Engineering Capstone Experience	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		

Term 8 - B 111 - 120 Credit Hours	Hours	Minimum Grade	Notes
Upper Division User Experience Concentration Course	3	C	
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	9		

- Students must take seven courses from the User Experience Concentration list below, and three courses from the HSE Electives list below.

Hide Course List(s)/Track Group(s)

User Experience Concentration	Human Systems Engineering Elective
GIT 135: Graphic Communications	HSE 422: Human Factors in Sport
GIT 210: Creative Thinking and Design Visualization	HSE 423: Human Factors in Transportation
GIT 215: Introduction to Web Authoring	HSE 424: Human Automation Interaction
GIT 230: Digital Illustration in Publishing	HSE 425: Human Factors in Medical Systems
GIT 337: Web Content Design	HSE 426: Training and Expertise
GIT 340: Information Design and Usability	HSE 427: Designing for Learning
GIT 402: New Media Internet Technologies	HSE 428: Judgment and Decision Making
GIT 414: Web Site Design and Internet/Web Technologies	HSE 429: Product Design and Evaluation
	HSE 484: Internship

GIT 417: Advanced Web Markup and Scripting

HSE 494: Special Topics

GIT 418: Multimedia Authoring, Scripting and Production

HSE 499: Individualized Instruction

GIT 494: UI/UX Consulting

HSE 427: Designing for Learning

HSE 429: Product Design and Evaluation

TWC 411: Principles of Visual Communication (L)

TWC 414: Visualizing Data and Information

TWC 421: Principles of Web Authoring (L)

TWC 444: User Experience

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.












## 2023 - 2024 Major Map

### Industrial Engineering, BSE

School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Tempe](#)

ESIEEBSE

Term 1 0 - 15 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ASU 101-CAI: The ASU Experience	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students and should be taken in the first semester.</li> <li>Prep for success using the <a href="#">First-Year Student Guide</a>.</li> <li>Join a <a href="#">Fulton community</a>.</li> <li>Explore <a href="#">engineering and technical professions</a>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
FSE 100: Introduction to Engineering	2	C	
MAT 265: Calculus for Engineers I (MA)	3	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
 Complete Mathematics (MA) requirement.			
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15		
Term 2 15 - 31 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CSE 110: Principles of Programming (CS)	3	C	<ul style="list-style-type: none"> <li>Students with credit for CHM 113 must take CHM 116.</li> <li>Create a <a href="#">Handshake</a> profile.</li> <li>Get involved with EPICS, the Generator Labs, and the <a href="#">Fulton Start-Up Center</a>.</li> </ul>
CHM 114: General Chemistry for Engineers (SQ) OR CHM 116: General Chemistry II (SQ)	4		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 266: Calculus for Engineers II (MA)	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Complete MAT 170 OR MAT 171 OR MAT 265 OR MAT 270 course(s).			
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		
Term 3 31 - 46 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CSE 205: Object-Oriented Programming and Data Structures (CS)	3	C	<ul style="list-style-type: none"> <li>Prep for success using the <a href="#">Sophomore Guide</a>.</li> </ul>
 IEE 210: Introduction to Industrial Engineering	3	C	



ECN 211: Macroeconomic Principles (SB)	3	C
MAT 267: Calculus for Engineers III (MA)	3	C
MSE 250: Structure and Properties of Materials	3	
❖ Complete MAT 266 OR MAT 271 course(s).		
❖ Minimum 2.00 GPA ASU Cumulative.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	15	

Term 4 46 - 62 Credit Hours Critical course signified by ❖	Hours	Minimum Grade	Notes
❖ IEE 380: Probability and Statistics for Engineering Problem Solving (CS)	3	C	<ul style="list-style-type: none"> <li>Pursue an undergraduate research experience.</li> <li>Apply for internships.</li> <li>Attend career fairs and events.</li> </ul>
❖ MAT 275: Modern Differential Equations (MA)	3	C	
❖ PHY 121: University Physics I: Mechanics (SQ) AND PHY 122: University Physics Laboratory I (SQ)	4	C	
IEE 305: Information Systems Engineering (CS)	3	C	
Engineering Science Elective	3-4		
Term hours subtotal:	16-17		

Term 5 62 - 78 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ IEE 385: Engineering Statistics: Probability	3	C	<ul style="list-style-type: none"> <li>Plan for success using the Junior Guide.</li> <li>Network at student organization competitions or professional societies.</li> </ul>
IEE 300: Economic Analysis for Engineers	3	C	
MAE 201: Mechanics of Particles and Rigid Bodies I: Statics	3		
MAT 342: Linear Algebra OR MAT 343: Applied Linear Algebra	3	C	
PHY 131: University Physics II: Electricity and Magnetism (SQ) AND PHY 132: University Physics Laboratory II (SQ)	4		
Term hours subtotal:	16		

Term 6 78 - 92 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ IEE 321: Professional Engineering Practice	1	C	<ul style="list-style-type: none"> <li>Recommended Upper Division (SB) Course: FSE 394 "Engineering for Humanity"</li> </ul>
★ IEE 376: Operations Research Deterministic Techniques/Applications	4	C	
IEE 369: Work Analysis and Design (L)	3	C	
IEE 4** Elective	3	C	
Upper Division Social-Behavioral Sciences (SB) OR Upper Division Humanities, Arts and Design (HU)	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			<ul style="list-style-type: none"> <li>Research and prepare for graduate school.</li> <li>Apply for a Fulton Schools 4+1 program.</li> <li>Develop a professional profile online.</li> </ul>
Term hours subtotal:	14		

Term 7 92 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ IEE 485: Systems Design Capstone I (L)	3	C	<ul style="list-style-type: none"> <li>Plan for success using the Senior Guide.</li> <li>Use Handshake to apply for full-time positions.</li> <li>Complete an in person or virtual practice interview.</li> </ul>
IEE 470: Stochastic Operations Research	3	C	
IEE 474: Quality Control	3	C	
IEE 475: Simulating Stochastic Systems (CS)	4	C	
IEE 4** Elective	3	C	
Term hours subtotal:	16		

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ IEE 486: Systems Design Capstone II (L)	3	C	
IEE 461: Production Control	3	C	
Upper Division Industrial Engineering Major Electives	3	C	
IEE 4** Elective	3	C	
Term hours subtotal:	12		

- Some IEE Major Electives may require additional prerequisites.
- For more information on Industrial Engineering requirements please visit the [SCAI website](#).

Hide Course List(s)/Track Group(s)

Engineering Science Elective	Industrial Engineering Major Electives
CEE 384: Numerical Methods for Engineers (CS)	CEE 400: Earth Systems Engineering and Management ((L or HU) & H)
CSE 120: Digital Design Fundamentals	CSE 310: Data Structures and Algorithms
CSE 240: Introduction to Programming Languages	CSE 330: Operating Systems
EEE 202: Circuits I	CSE 360: Introduction to Software Engineering
MAE 213: Mechanics of Materials	CSE 494: Data Mining
MAE 241: Introduction to Thermodynamics	EEE 352: Properties of Electronic Materials
	EEE 435: Fundamentals of CMOS and MEMS
	EEE 436: Fundamentals of Solid-State Devices
	FSE 301: Entrepreneurship and Value Creation
	FSE 404: EPICS Gold: EPICS in Action
	IEE 3** Elective
	IEE 4** Elective
	MAE 384: Advanced Mathematical Methods for Engineers (CS) or CEE 384: Numerical Methods for Engineers (CS)
	MAT 300: Mathematical Structures (L)
	STP 425: Stochastic Processes
	STP 429: Applied Regression (CS)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's

first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>

- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.













## 2023 - 2024 Major Map

### Informatics, BS

School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Tempe](#)

ESCPIBS

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes	
 CPI 101: Introduction to Informatics (CS)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>If ENG 105 is taken, a three (3) credit hour elective must also be taken prior to graduation.</li> <li>Prep for success using the <a href="#">First-Year Student Guide</a>.</li> <li>Join a <a href="#">Fulton community</a>.</li> <li>Explore <a href="#">engineering and technical professions</a>.</li> </ul>	
 CSE 110: Principles of Programming (CS)	3	C		
ASU 101-CAI: The ASU Experience	1			
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C		
MAT 210: Brief Calculus (MA) OR MAT 265: Calculus for Engineers I (MA)	3	C		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3			
 Complete Mathematics (MA) requirement.				
Term hours subtotal:	16			
Term 2 16 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade		Notes
 CSE 205: Object-Oriented Programming and Data Structures (CS)	3	C		<ul style="list-style-type: none"> <li>Create a <a href="#">Handshake</a> profile.</li> <li>Get involved with EPICS, the Generator Labs, and the <a href="#">Fulton Start-Up Center</a>.</li> </ul>
 MAT 242: Elementary Linear Algebra	2	C		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C		
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3			
Elective	3			
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).				
 Complete MAT 210 OR MAT 251 OR MAT 265 OR MAT 270 course(s).				
Term hours subtotal:	14			
Term 3 30 - 46 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes	
 CPI 220: Applied Data Structures and Algorithms OR CSE 310: Data Structures and Algorithms	3	C	<ul style="list-style-type: none"> <li>Prep for success using the <a href="#">Sophomore Guide</a>.</li> <li>Most students will complete CPI 220. Students with credit for CSE 310 may use that in lieu of CPI 220.</li> </ul>	
 MAT 243: Discrete Mathematical Structures	3	C		
IEE 305: Information Systems Engineering (CS)	3	C		
Natural Science - Quantitative (SQ)	4			

Social-Behavioral Sciences (SB) AND Historical Awareness (H) 3

Complete Mathematics (MA) requirement.

Term hours subtotal: 16

Term 4 46 - 62 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
⚠ CPI 200: Mathematical Foundations of Informatics (MA)	3	C	<ul style="list-style-type: none"><li>• Pursue an undergraduate research experience.</li><li>• Apply for internships.</li><li>• Attend career fairs and events.</li></ul>
⚠ CPI 221: Advanced Object-Oriented Principles Using Java	3	C	
Informatics Focus Area	3	C	
Humanities, Arts and Design (HU)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	16		

Term 5 62 - 78 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ CPI 360: Decision Making and Problem Solving	3	C	<ul style="list-style-type: none"><li>• Students who plan to pursue the Enterprise Informatics Focus Area will need to take IEE 380 for the CS requirement.</li><li>• Plan for success using the <b>Junior Guide</b>.</li><li>• Network at <b>student organization</b> competitions or professional societies.</li></ul>
CPI 310: Web-Based Information Management Systems	3	C	
CSE 301: Computing Ethics	1	C	
GIS 270: Statistics for Geography and Planning OR IEE 380: Probability and Statistics for Engineering Problem Solving (CS) OR STP 226: Elements of Statistics (CS) OR STP 231: Statistics for Life Science (CS) OR STP 420: Introductory Applied Statistics (CS)	3	C	
Complete 2 courses: Informatics Focus Area	6	C	
Term hours subtotal:	16		

Term 6 78 - 93 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ CPI 350: Evaluation of Informatics Systems	3	C	<ul style="list-style-type: none"><li>• Research and prepare for graduate school.</li><li>• Develop a professional profile online.</li></ul>
CSE 463: Introduction to Human Computer Interaction	3	C	
Complete 2 courses: Informatics Focus Area	6	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ CSE 485: Computer Science Capstone Project I (L)	3	C	<ul style="list-style-type: none"><li>• Plan for success using the <b>Senior Guide</b>.</li><li>• Use <b>Handshake</b> to apply for full-time positions.</li><li>• Complete an in person or virtual <b>practice interview</b>.</li></ul>
Complete 4 courses: Upper Division Informatics Elective	12	C	
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ CSE 486: Computer Science Capstone Project II (L)	3	C	
Complete 3 courses: Upper Division Informatics Elective	9	C	

Term hours subtotal: 12

- Upper-Division Coursework: A minimum of 21 hours of upper-division coursework is required across the Informatics Focus Area and Informatics Elective requirements.
- Informatics Focus Area: All Focus Area coursework must be completed from the same Focus Area.
- Informatics Electives: It is recommended that you work with your academic advisor when making course selections.
- For additional information on major curriculum, including Informatics Focus Area courses, please visit the [Informatics Degree Requirements website](#).

Hide Course List(s)/Track Group(s)

Informatics Focus Area (Data Science)	Informatics Focus Area (Digital Culture Studies)	Informatics Focus Area (Enterprise Informatics)
CSE 450: Design and Analysis of Algorithms	Recommended first course is AME 111.	Required courses:
CSE 467: Data and Information Security	AME 111: Introduction to Digital Culture (CS)	IEE 376: Operations Research Deterministic Techniques/Applications
CSE 471: Introduction to Artificial Intelligence	AME 112: Computational Thinking for Digital Culture	IEE 385: Engineering Statistics: Probability
CSE 475: Foundations of Machine Learning	AME 130: Prototyping Dreams (L)	IEE 470: Stochastic Operations Research
CSE 476: Introduction to Natural Language Processing	AME 220: Programming for the Web (CS)	MAT 266: Calculus for Engineers II (MA)
DAT 250: Data Science and Society	AME 230: Programming for the Media Arts (CS)	Select One:
DAT 300: Mathematical Tools for Data Science	AME 240: Introduction to Physical Computing	IEE 421: Urban Operations Research
DAT 301: Exploring Data in R and Python	ART 116: Introduction to Digital Media	IEE 426: Operations Research in Healthcare
DAT 401: Statistical Modeling and Inference for Data Science	ART 206: Digital Photography I	IEE 461: Production Control
DAT 402: Machine Learning for Data Science	ART 217: Introduction to Computer Animation	IEE 474: Quality Control
	ART 218: 3D Tools	IEE 475: Simulating Stochastic Systems (CS)
	ART 308: 2D Digital Animation I	IEE 477: System Dynamics and Thinking
	ART 345: Visualization and Prototyping	SCM 300: Global Supply Operations
	ART 346: 3-D Computer Imaging and Animation (CS)	
	ART 348: Animation Motion Studies	
	ART 394: Digital Photography for Non-Majors	
	ART 424: Stop Motion Animation	
	ART 440: Experimental Video Art	
	ART 494: Visual Prototyping	
	CIS 300: Web Design and Development	
	CPI 111: Game Development I (CS)	
	DCE 294: HybridAction:PhysicalIntelligenceinDigitalCulture	

EDT 440: Creating and Marketing Mobile Apps

FMP 225: Principles of Visual Effects  
Compositing

FMP 240: Introduction to Animation for Film

FMP 255: Media Authorship (CS)

GIT 215: Introduction to Web Authoring

GIT 230: Digital Illustration in Publishing

GRA 294: InDesign

IAP 103: Foundations I: Interdisciplinary Art  
Practice

IAP 104: Foundations I: Fundamentals of Sound  
Art

MDC 211: Introduction to Digital Sound

MDC 311: Composing and Performing for Hybrid  
Ensembles

Informatics Focus Area (Game Informatics)	Informatics Focus Area (Geo-Informatics)	Additional Informatics Electives
Fall Only Courses: CPI 311, CPI 421	Required:	Students may take additional coursework from their selected focus area or any course in another focus area as Informatics Electives in addition to the courses listed below:
Spring Only Courses: CPI 321, CPI 411	GIS 205: Geographic Information Science I (CS)	
Required:	GIS 211: Geographic Information Science II (CS)	AME 394: Philosophies of Technology
CPI 111: Game Development I (CS)	GIS 311: Geographic Information Science III (CS)	BIO 355: Introduction to Computational Molecular Biology (CS)
CPI 211: Game Development II	Select two:	BIO 411: Quantitative Methods in Conservation and Ecology
CPI 311: Game Engine Development	ABS 485: GIS in Natural Resources	BMI 102: Introduction to Population Health Informatics
CPI 321: Fundamentals of Game Art	GCU 441: Economic Geography (SB)	BMI 201: Introduction to Clinical Informatics
Select one:	GCU 442: Geographical Analysis of Transportation (SB)	CIS 308: Advanced Excel in Business
CPI 394: Game Design Fundamentals	GIS 202: Drones to Satellites: Observing Earth from Above (CS)	CIS 310: Business Data Visualization
CPI 411: Graphics for Games	GIS 222: Programming Principles in GIS I	CIS 405: Business Intelligence
CPI 421: 3-D Modeling and Texturing	GIS 3** Elective	CIS 407: Business Database Systems Development
CPI 462: Design for Learning in Virtual Worlds	GIS 4** Elective	CPI 394: Special Topics
FMS 365: Video Games and Narrative	Not from GIS 484, GIS 492, GIS 493, GIS 499, GIS 494 "GIS Methods for Non-Majors"	CPI 441: Gaming Capstone
SER 431: Advanced Graphics		CPI 460: Intelligent Interactive Instructional Systems
		CPI 484: Internship
		CPI 494: Special Topics
		CSE 220: Programming for Computer Engineering

CSE 240: Introduction to Programming Languages

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CSE 259: Logic in Computer Science

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CSE 294: Algorithmic Problem Solving

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CSE 310: Data Structures and Algorithms

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CSE 335: Principles of Mobile Application Development

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CSE 360: Introduction to Software Engineering

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CSE 365: Information Assurance

---

CSE 394: Special Topics

---

CSE 408: Multimedia Information Systems

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CSE 412: Database Management

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CSE 434: Computer Networks

---

CSE 445: Distributed Software Development

---

CSE 446: Software Integration and Engineering

---

CSE 460: Software Analysis and Design

---

CSE 464: Software Quality Assurance and Testing

---

CSE 470: Computer Graphics

---

CSE 471: Introduction to Artificial Intelligence

---

CSE 476: Introduction to Natural Language Processing

---

CSE 477: Introduction to Computer-Aided Geometric Design

---

CSE 494: Special Topics

---

FSE 301: Entrepreneurship and Value Creation

---

FSE 404: EPICS Gold: EPICS in Action

---

GIT 335: Computer Systems Technology

---

GIT 340: Information Design and Usability

---

GRA 294: Photoshop

---

HSE 101: Introduction to Human Systems Engineering (SB)

---

IEE 380: Probability and Statistics for Engineering Problem Solving (CS)

---

IEE 385: Engineering Statistics: Probability

---

MAE 318: System Dynamics and Control I

---



MAE 417: System Dynamics and Control II

---

MAT 267: Calculus for Engineers III (MA)

---

MAT 275: Modern Differential Equations (MA)

---

MAT 300: Mathematical Structures (L)

---

MAT 342: Linear Algebra or MAT 343: Applied Linear Algebra

---

MAT 421: Applied Computational Methods (CS)

---

SER 216: Software Enterprise: Personal Process and Quality

---

SER 316: Software Enterprise: Construction and Transition

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SER 334: Operating Systems and System Programming

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SOC 334: Technology and Society (L or SB)

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STS 304: Science, Technology and Society (SB)

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TEL 313: Technology in an Educational Setting

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TEL 494: Introduction to Computer Science for Educators

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TWC 414: Visualizing Data and Information

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TWC 444: User Experience

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**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

#### First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.










## 2023 - 2024 Major Map

### Information Technology, BS

School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Polytechnic](#)

TSIFTBS

Term 1 0 - 13 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ASU 101-TPS: The ASU Experience	1		<ul style="list-style-type: none"> <li>ASU 101 is required of all first-year students.</li> <li>Prep for success using the <a href="#">First-Year Student Guide</a>.</li> <li>Join a <a href="#">Fulton community</a>.</li> <li>Explore <a href="#">engineering and technical professions</a>.</li> </ul>
 IFT 101: Information Technology Programming Logic	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
HSE 101: Introduction to Human Systems Engineering (SB)	3	C	
IFT 103: Operating System Architecture	3	C	
Term hours subtotal:	13		
Term 2 13 - 28 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 IFT 166: Introduction to Internet Networking	3	C	<ul style="list-style-type: none"> <li>Create a <a href="#">Handshake</a> profile.</li> <li>Get involved with EPICS, the Generator Labs, and the <a href="#">Fulton Start-Up Center</a>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
IFT 200: Information Modeling, Storage and Retrieval	3	C	
IFT 210: Introduction to Java Technologies	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		
Term 3 28 - 44 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
IFT 202: Foundations of Information and Computer System Security	3	C	<ul style="list-style-type: none"> <li>Prep for success using the <a href="#">Sophomore Guide</a>.</li> </ul>
IFT 250: Introduction to UNIX Utilities	3	C	
MAT 210: Brief Calculus (MA)	3	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Natural Science - Quantitative (SQ)	4		
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		
Term 4 44 - 60 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes

IFT 266: Network Information Communication Technology	3	C
HSE 230: Statistics for Human Systems Research I (CS)	3	C
IFT 220: Managing Configurations and Active Directory	3	C
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4	
Social-Behavioral Sciences (SB)	3	
Term hours subtotal:	16	

- Pursue an undergraduate research experience.
- Apply for internships.
- Attend career fairs and events.

Term 5 60 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ IFT 381: Information System Security	3	C	<ul style="list-style-type: none"> <li>• Plan for success using the <b>Junior Guide</b>.</li> <li>• Network at <b>student organization</b> competitions or professional societies.</li> </ul>
IFT 301: Web Programming for Human Computer Interface	3	C	
IFT 320: Managing the Cloud	3	C	
MAT 243: Discrete Mathematical Structures	3		
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ IFT 300: Intermediate Database Management Systems	3	C	<ul style="list-style-type: none"> <li>• A secondary focus area is a group of courses comprising of 9 or more credit hours (at least 3 must be at the upper-division level) which form a coherent theme.</li> <li>• Research and prepare for <b>graduate school</b>.</li> <li>• Apply for a <b>Fulton Schools 4+1 program</b>.</li> <li>• Develop a <b>professional profile online</b>.</li> </ul>
★ IFT 310: Information Systems Project Development	3	C	
HST 318: History of Engineering ((L or SB) & G)	3		
Complete 2 courses: Upper Division Primary Focus Area	6	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ IFT 401: Information Technology Capstone Project I	3	C	<ul style="list-style-type: none"> <li>• A secondary focus area is a group of courses comprising of 9 or more credit hours (at least 3 must be at the upper-division level) which form a coherent theme.</li> <li>• Plan for success using the <b>Senior Guide</b>.</li> <li>• Use <b>Handshake</b> to apply for full-time positions.</li> <li>• Complete an in person or virtual <b>practice interview</b>.</li> </ul>
IFT 372: Wireless Fundamentals	3	C	
IFT 383: Shell and Script Programming with UNIX	3	C	
Primary Focus Area	3	C	
Secondary Focus Area	3		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ IFT 402: Information Technology Capstone Project II	3		<ul style="list-style-type: none"> <li>• A secondary focus area is a group of courses comprising of 9 or more credit hours (at least 3 must be at the upper-division level) which form a coherent theme.</li> </ul>
Upper Division Primary Focus Area	3	C	
Upper Division Secondary Focus Area	3		
Secondary Focus Area	3		
Upper Division Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	15		

- Students choose one primary focus area (12 credit hours). Students must take primary focus area courses sequentially in order to meet the prerequisites of subsequent upper-division courses.

Hide Course List(s)/Track Group(s)

Networking Focus Area	Information Systems Focus Area	Security Focus Area
IFT 366: TCP/IP and Routing	IFT 360: Applications in Artificial Intelligence	IFT 380: Advanced Systems Configuration Management
IFT 420: Cloud Architecture for Information Technology	IFT 365: Applied Programming Language for Information Technology	IFT 422: Cloud Security and Operations for Information Technology
IFT 460: Managing Intelligent Devices in an Enterprise Environment	IFT 370: Mobile Computing and Applications for Information Technology	IFT 475: Security Analysis
IFT 466: Advanced Computer Networks for Information Technology	IFT 380: Advanced Systems Configuration Management	IFT 482: Network Forensics
IFT 488: Systems Administration of UNIX	IFT 410: Big Data Tools and Practices	IFT 483: Developing Security Policy
IFT 494: Wireless Architecture	IFT 421: Data in the Cloud for Information Technology	IFT 494: Cybersecurity Compliance
	IFT 458: Middleware Programming and Database Security	
	IFT 460: Managing Intelligent Devices in an Enterprise Environment	
	IFT 494: Appl Multi Tier End to End Application Development	

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

## First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.








## 2023 - 2024 Major Map

### Information Technology, BS



School/College: [Ira A. Fulton Schools of Engineering](#)



Location: [Online ASU Local](#)

TSIFTBS

Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ASU 101-TPS: The ASU Experience	1		<ul style="list-style-type: none"> <li>ASU 101 is required of all first-year students.</li> <li>Prep for success using the <a href="#">First-Year Student Guide</a>.</li> <li>Join a <a href="#">Fulton community</a>.</li> <li>Explore <a href="#">engineering and technical professions</a>.</li> </ul>
 IFT 101: Information Technology Programming Logic	3	C	
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Term hours subtotal:	7		
Term 1 - B 7 - 13 Credit Hours	Hours	Minimum Grade	Notes
HSE 101: Introduction to Human Systems Engineering (SB)	3	C	<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> </ul>
IFT 103: Operating System Architecture	3	C	
Term hours subtotal:	6		
Term 2 - A 13 - 22 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 IFT 166: Introduction to Internet Networking	3	C	<ul style="list-style-type: none"> <li>Create a <a href="#">Handshake</a> profile.</li> <li>Get involved with EPICS, the Generator Labs, and the <a href="#">Fulton Start-Up Center</a>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
IFT 200: Information Modeling, Storage and Retrieval	3	C	
Term hours subtotal:	9		
Term 2 - B 22 - 28 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
IFT 210: Introduction to Java Technologies	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	6		
Term 3 - A 28 - 37 Credit Hours	Hours	Minimum Grade	Notes
IFT 250: Introduction to UNIX Utilities	3	C	<ul style="list-style-type: none"> <li>Prep for success using the <a href="#">Sophomore Guide</a>.</li> </ul>
MAT 210: Brief Calculus (MA)	3	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		

Term hours subtotal: 9



Term 3 - B 37 - 44 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
IFT 202: Foundations of Information and Computer System Security	3	C	
Natural Science - Quantitative (SQ)	4		
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	7		


Term 4 - A 44 - 53 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 IFT 266: Network Information Communication Technology	3	C	<ul style="list-style-type: none"> <li>• Pursue an <b>undergraduate research</b> experience.</li> <li>• Apply for <b>internships</b>.</li> <li>• Attend <b>career fairs and events</b>.</li> </ul>
HSE 230: Statistics for Human Systems Research I (CS)	3	C	
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	9		

Term 4 - B 53 - 60 Credit Hours	Hours	Minimum Grade	Notes
IFT 220: Managing Configurations and Active Directory	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	7		

Term 5 - A 60 - 69 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 IFT 381: Information System Security	3	C	<ul style="list-style-type: none"> <li>• Plan for success using the <b>Junior Guide</b>.</li> <li>• Network at <b>student organization</b> competitions or professional societies.</li> </ul>
IFT 301: Web Programming for Human Computer Interface	3	C	
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	9		

Term 5 - B 69 - 75 Credit Hours	Hours	Minimum Grade	Notes
IFT 320: Managing the Cloud	3	C	
MAT 243: Discrete Mathematical Structures	3		
Term hours subtotal:	6		

Term 6 - A 75 - 81 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 IFT 300: Intermediate Database Management Systems	3	C	<ul style="list-style-type: none"> <li>• Research and prepare for <b>graduate school</b>.</li> <li>• Apply for a <b>Fulton Schools 4+1</b> program.</li> <li>• Develop a <b>professional profile online</b>.</li> </ul>
Upper Division Primary Focus Area	3	C	
Term hours subtotal:	6		

Term 6 - B 81 - 90 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 IFT 310: Information Systems Project Development	3	C	<ul style="list-style-type: none"> <li>• A secondary focus area is a group of courses comprising of 9 or more credit hours (at least 3 must be at the upper-division level) which form a coherent theme.</li> </ul>
HST 318: History of Engineering ((L or SB) & G)	3		
Upper Division Primary Focus Area	3	C	
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	9		

Term 7 - A 90 - 99 Credit Hours <b>Necessary course signified by</b>	Minimum
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	Hours	Grade	Notes
★ IFT 401: Information Technology Capstone Project I	3	C	<ul style="list-style-type: none"> <li>• A secondary focus area is a group of courses comprising of 9 or more credit hours (at least 3 must be at the upper-division level) which form a coherent theme.</li> <li>• Plan for success using the <a href="#">Senior Guide</a>.</li> <li>• Use <a href="#">Handshake</a> to apply for full-time positions.</li> <li>• Complete an in person or virtual <a href="#">practice interview</a>.</li> </ul>
IFT 372: Wireless Fundamentals	3	C	
Secondary Focus Area	3		
Term hours subtotal:	9		

Term 7 - B 99 - 105 Credit Hours	Hours	Minimum Grade	Notes
IFT 383: Shell and Script Programming with UNIX	3	C	
Primary Focus Area	3	C	
Term hours subtotal:	6		

Term 8 - A 105 - 111 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ IFT 402: Information Technology Capstone Project II	3		
Secondary Focus Area	3		
Term hours subtotal:	6		

Term 8 - B 111 - 120 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Primary Focus Area	3	C	<ul style="list-style-type: none"> <li>• A secondary focus area is a group of courses comprising of 9 or more credit hours (at least 3 must be at the upper-division level) which form a coherent theme.</li> </ul>
Upper Division Secondary Focus Area	3		
Upper Division Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	9		

- Students choose one primary focus area (12 hours). Students must take primary focus area courses sequentially in order to meet the prerequisites of subsequent upper-division courses.

Hide Course List(s)/Track Group(s)

Networking Focus Area	Information Systems Focus Area	Security Focus Area
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IFT 466: Advanced Computer Networks for Information Technology	IFT 380: Advanced Systems Configuration Management	IFT 482: Network Forensics
IFT 488: Systems Administration of UNIX	IFT 410: Big Data Tools and Practices	IFT 483: Developing Security Policy
IFT 494: Wireless Architecture	IFT 421: Data in the Cloud for Information Technology	IFT 494: Cybersecurity Compliance

IFT 458: Middleware Programming and Database Security

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IFT 460: Managing Intelligent Devices in an Enterprise Environment

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IFT 494: Appl Multi Tier End to End Application Development

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**Notes:**

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**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

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**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.











## 2023 - 2024 Major Map

### Manufacturing Engineering, BS

School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Polytechnic](#)

TSMEGRBS

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes	
 ASU 101-TPS: The ASU Experience	1		<ul style="list-style-type: none"> <li>ASU 101 is required of all first-year students.</li> <li>Prep for success using the <a href="#">First-Year Student Guide</a>.</li> <li>Join a <a href="#">Fulton community</a>.</li> <li>Explore <a href="#">engineering and technical professions</a>.</li> </ul>	
 EGR 101: Foundations of Engineering Design Project I	3			
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C		
MAT 265: Calculus for Engineers I (MA)	3	C		
Humanities, Arts and Design (HU) AND Historical Awareness (H) Social-Behavioral Sciences (SB)	3			
Term hours subtotal:	16			
<b>Term 2 16 - 32 Credit Hours <b>Critical course signified by</b> </b>				
 EGR 102: Foundations of Engineering Design Project II	3			<ul style="list-style-type: none"> <li>Create a <a href="#">Handshake</a> profile.</li> <li>Get involved with EPICS, the Generator Labs, and the <a href="#">Fulton Start-Up Center</a>.</li> </ul>
CHM 113: General Chemistry I (SQ)	4	C		
EGR 104: Critical Inquiry in Engineering (L) OR TWC 104: Critical Inquiry in Engineering (L)	3	C		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C		
MAT 266: Calculus for Engineers II (MA)	3	C		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).				
 Complete MAT 265 course(s).				
Term hours subtotal:	16			
<b>Term 3 32 - 48 Credit Hours <b>Critical course signified by</b> </b>				
 EGR 201: Use-Inspired Design Project I	3	C	<ul style="list-style-type: none"> <li>Prep for success using the <a href="#">Sophomore Guide</a>.</li> </ul>	
EGR 216: Engineering Electrical Fundamentals	3	C		
EGR 218: Materials and Manufacturing Processes	3	C		
MAT 267: Calculus for Engineers III (MA)	3	C		
PHY 121: University Physics I: Mechanics (SQ)	3	C		
PHY 122: University Physics Laboratory I (SQ)	1	C		
 Complete MAT 266 course(s).				

Complete Mathematics (MA) requirement.

Term hours subtotal: 16

Term 4 48 - 63 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
⚠ EGR 202: Use-Inspired Design Project II	3	C	<ul style="list-style-type: none"> <li>Pursue an <b>undergraduate research experience</b>.</li> <li>Attend <b>career fairs and events</b>.</li> </ul>
⚠ EGR 280: Engineering Statistics (CS)	3	C	
EGR 217: Engineering Mechanics Fundamentals	3	C	
EGR 219: Computational Modeling of Engineering Systems	3	C	
MAT 275: Modern Differential Equations (MA)	3	C	
⚠ Complete EGR 216 AND EGR 217 AND EGR 218 AND EGR 219 course(s).			
⚠ Complete MAT 267 course(s).			
Term hours subtotal:	15		

Term 5 63 - 79 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ MFG 308: Manufacturing System Project I	3	C	<ul style="list-style-type: none"> <li>Plan for success using the <b>Junior Guide</b>.</li> <li>Network at <b>student organization</b> competitions or professional societies.</li> </ul>
★ MFG 382: Modeling of Manufacturing Systems I	3	C	
CHM 116: General Chemistry II (SQ)	4	C	
MFG 381: Manufacturing Processes and Validation Lab	3	C	
MFG 383: Communications in a Production Environment	3		
Term hours subtotal:	16		

Term 6 79 - 94 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ MFG 318: Manufacturing Systems Project II	3	C	<ul style="list-style-type: none"> <li>Research and prepare for <b>graduate school</b>.</li> <li>Apply for an <b>engineering 4+1 program</b>.</li> <li>Develop a <b>professional profile online</b>.</li> <li>Begin looking for <b>internships</b>.</li> </ul>
HST 318: History of Engineering ((L or SB) & G)	3		
MAT 343: Applied Linear Algebra	3		
MFG 385: Design for Manufacturing	3		
MFG 387: Industrial Automation	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 94 - 108 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ EGR 401: Professional Design Project I (L)	3	C	<ul style="list-style-type: none"> <li>Plan for success using the <b>Senior Guide</b>.</li> <li>Use <b>Handshake</b> to apply for full-time positions.</li> <li>Complete an in person or virtual <b>practice interview</b>.</li> </ul>
★ MFG 482: Materials Science in Manufacturing	3		
Complete 2 courses:			
Upper Division Technical Elective	5		
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	14		

Term 8 108 - 120 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ EGR 402: Professional Design Project II	3		
MFG 461: Engineering Economics	3		
Upper Division Technical Elective	3		

Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3
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Term hours subtotal: 12

Hide Course List(s)/Track Group(s)

Technical Electives

EGR 370: Welding Survey

EGR 380: Advanced Computer Aided Design  
and Drafting (CADD) and Solid Modeling

MFG 472: Additive Manufacturing

MFG 480: Advanced Statistical Approaches  
for Manufacturing

MFG 485: Engineering Internship

MFG 486: CNC Computer Programming

MFG 494: Special Topics

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.




## 2023 - 2024 Major Map








### Materials Science and Engineering, BSE


School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Tempe](#)

ESMSEBSE

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 265: Calculus for Engineers I (MA)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>FSE 100 is required for first-year students and should be completed in the first semester. Non-first year students: see advisor for petitioning replacement electives.</li> <li>If students take ENG 105, a 3 credit hour applicable elective must also be taken prior to graduation. See advisor.</li> <li>Prep for success using the <a href="#">First-Year Student Guide</a>.</li> <li>Join a <a href="#">Fulton community</a>.</li> <li>Explore <a href="#">engineering and technical professions</a>.</li> </ul>
ASU 101-MSE: The ASU Experience	1		
CHM 114: General Chemistry for Engineers (SQ) OR CHM 116: General Chemistry II (SQ)	4	C	
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
FSE 100: Introduction to Engineering	2		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 266: Calculus for Engineers II (MA)	3	C	<ul style="list-style-type: none"> <li>Create a <a href="#">Handshake</a> profile.</li> <li>Get involved with EPICS, the Generator Labs, and the <a href="#">Fulton Start-Up Center</a>.</li> </ul>
 PHY 121: University Physics I: Mechanics (SQ)	3	C	
 PHY 122: University Physics Laboratory I (SQ)	1	C	
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
MSE 250: Structure and Properties of Materials	3	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
 Complete CHM 114 OR CHM 116 course(s).			
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 3 32 - 48 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
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⚠ MAT 267: Calculus for Engineers III (MA)	3	C
⚠ MSE 215: Materials Synthesis	3	
⚠ PHY 131: University Physics II: Electricity and Magnetism (SQ)	3	C
⚠ PHY 132: University Physics Laboratory II (SQ)	1	C
Math or Science Elective	3-4	
Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3	
⚠ Complete MSE 250 course(s).		
⚠ Complete First-Year Composition requirement.		
⚠ Minimum 2.00 GPA ASU Cumulative.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	16-17	

- For additional information about Math or Science Electives, please go to: [Math or Science Electives](#).
- Prep for success using the [Sophomore Guide](#).

Term 4 48 - 64 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
⚠ MAT 275: Modern Differential Equations (MA)	3	C	
⚠ MAT 343: Applied Linear Algebra	3	C	
⚠ MSE 211: Introduction to Mechanics of Materials	3	C	
⚠ MSE 212: Microstructure and Properties Lab	1	C	
IEE 380: Probability and Statistics for Engineering Problem Solving (CS)	3		
Advanced Science Elective	3		
⚠ Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

- For additional information about Advanced Science Electives options, please go to: [Advanced Science Electives](#).
- Pursue an [undergraduate research experience](#).
- Apply for [internships](#).
- Attend [career fairs and events](#).

Term 5 64 - 80 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ MSE 330: Thermodynamics of Materials	3		
★ MSE 355: Structure and Defects	3	C	
★ MSE 356: Thin Film and Microelectronic Devices Lab	1		
MSE 415: Mathematical and Computer Methods in Materials (CS)	3		
MSE 457: Quantum Mechanics for Understanding Properties of Atoms and Solids	3		
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	16		

- Plan for success using the [Junior Guide](#).
- Network at [student organization](#) competitions or professional societies.

Term 6 80 - 93 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ MSE 335: Materials Kinetics	3		
★ MSE 450: Introduction to Materials Characterization	3		
★ MSE 451: Nanomaterials and Electronics Characterization Lab	1		
MSE 420: Advanced Metallurgical Alloys and Processes	3		
MSE 458: Electronic, Magnetic, and Optical Properties	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	13		

- For additional information about Materials Elective options, please go to: [Materials Elective](#).
- Research and prepare for [graduate school](#).
- Apply for an [engineering 4+1 program](#).
- Develop a [professional profile online](#).

	Minimum
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Term 7 93 - 106 Credit Hours Necessary course signified by ★	Hours	Grade	Notes
★ MSE 482: Materials Engineering Design (L)	3		<ul style="list-style-type: none"> <li>For additional information about Materials Elective options, please go to: <a href="#">Materials Elective</a>.</li> <li>Plan for success using the <a href="#">Senior Guide</a>.</li> <li>Use <a href="#">Handshake</a> to apply for full-time positions.</li> </ul>
★ MSE 489: Capstone Design Project I (L)	1		
MSE 440: Mechanical Behavior of Materials	3		
Complete 2 courses:			
Upper Division Materials Elective	6		
Term hours subtotal:	13		

Term 8 106 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MSE 490: Capstone Design Project II (L)	2		<ul style="list-style-type: none"> <li>For additional information about Advanced Science Electives and Technical Electives, please go to: <a href="#">Advanced Science Electives and Technical Electives</a>.</li> </ul>
Advanced Science Elective	3		
Complete 2 courses:			
Technical Elective	6		
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	14		

- For more information about course options for Math or Science Electives, Materials Electives, Advanced Science Electives, or Technical Electives, please go to: [MSE Elective Course Options](#).

Hide Course List(s)/Track Group(s)

Advanced Science Elective	Math or Science Elective	Upper Division Materials Elective
ABS 225: Soils (SQ)	Advanced Science Elective	Please choose two courses from the following options:
ABS 350: Applied Statistics (CS)	AST 111: Introduction to Solar Systems Astronomy (SQ)	BME 318: Biomaterials
AST 321: Introduction to Planetary and Stellar Astrophysics	AST 112: Introduction to Stars, Galaxies, and Cosmology (SQ)	CHE 468: Polymer Principles and Processing
AST 322: Introduction to Galactic and Extragalactic Astrophysics	BIO 130: Introduction to Environmental Science (SQ)	MSE 470: Polymers and Composites
AST 421: Astrophysics I	BIO 181: General Biology I (SQ)	MSE 471: Introduction to Ceramics
BCH 341: Physical Chemistry with a Biological Focus	BIO 182: General Biology II (SG)	MSE 494: Polymer Synthesis, Characterization, & Processing
BCH 361: Advanced Principles of Biochemistry	CHM 113: General Chemistry I (SQ)	
BIO 201: Human Anatomy and Physiology I (SG)	GLG 101: Introduction to Geology I (Physical) (SQ)	
BIO 320: Fundamentals of Ecology	MAT 211: Mathematics for Business Analysis	
CHM 231: Elementary Organic Chemistry (SQ)	MAT 243: Discrete Mathematical Structures	
CHM 233: General Organic Chemistry I		
CHM 234: General Organic Chemistry II		
CHM 302: Environmental Chemistry		



CHM 325: Analytical Chemistry

CHM 341: Elementary Physical Chemistry

CHM 345: Physical Chemistry I

CHM 346: Physical Chemistry II

CHM 433: Advanced Organic Chemistry I

ENV 410: Soil Science

GLG 321: Mineralogy

GLG 404: Fundamentals of Planetary Geology

GLG 418: Geophysics

PHY 201: Mathematical Methods in Physics I  
(CS)

PHY 241: University Physics III

PHY 334: Advanced Laboratory I (L)

PHY 361: Introductory Modern Physics

PHY 494: Adv. Scanning Electron  
Microscopy/Microanalysis

#### Technical Electives

Advanced Science Elective

ART 494: Foundry Research Methods for  
Non-Majors

CEE 294: AutoCAD Civil 3-D

CEE 353: Civil Engineering Materials

CHE 211: Introduction to Chemical Processing

CHE 494: Fundamentals of Scaleup

CHE 494: Innovation in Engineering

CHE 494: Quantum Mechanical Simulations  
of Chemical Process

CIS 310: Business Data Visualization

EEE 202: Circuits I

EEE 241: Fundamentals of Electromagnetics

EEE 352: Properties of Electronic Materials

EEE 435: Fundamentals of CMOS and MEMS

EEE 436: Fundamentals of Solid-State  
Devices

EEE 460: Nuclear Power Engineering

EEE 465: Photovoltaic Energy Conversion

EGR 219: Computational Modeling of  
Engineering Systems

EGR 494: Engineering in Semiconductors and Microelectronics

FSE 301: Entrepreneurship and Value Creation

FSE 404: EPICS Gold: EPICS in Action

IEE 300: Economic Analysis for Engineers

IEE 369: Work Analysis and Design (L)

IEE 385: Engineering Statistics: Probability

IEE 437: Human Factors Engineering

IEE 474: Quality Control

MAT 300: Mathematical Structures (L)

MEE 322: Structural Mechanics

MEE 342: Principles of Mechanical Design

MFG 472: Additive Manufacturing

MSE 460: Nanomaterials in Energy Production and Storage

MSE 494: Battery Materials Science and Engineering

PUP 442: Environmental Planning

SES 311: Essentials of Astrobiology: Exploration for Life in the Universe

By approval only:

MSE 484: Internship

MSE 492: Honors Directed Study

MSE 493: Honors Thesis (L)

MSE 499: Individualized Instruction

\*Students who do not meet the enrollment requirements for these courses may be allowed to enroll with instructor consent. Courses not listed here require a program petition prior to enrollment. Please check with your advisor.

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**General University Requirements Legend**

General Studies Core Requirements:

**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for**  
**Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.




## 2023 - 2024 Major Map







### Mechanical Engineering, BSE

School/College: [Ira A. Fulton Schools of Engineering](#)









Location: [Tempe](#)





ESMAEMBSE






Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 265: Calculus for Engineers I (MA)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>FSE 100 is required for first-year students and should be completed the first semester. Non-first year students: see advisor for petitioning replacement electives.</li> <li>If ENG 105 is taken, a 3 hour applicable elective must also be taken prior to graduation. See advisor.</li> <li>Students who have credit for CHM 113 should take CHM 116.</li> <li>Prep for success using the <a href="#">First-Year Student Guide</a>.</li> <li>Join a <a href="#">Fulton community</a>.</li> <li>Explore <a href="#">engineering and technical professions</a>.</li> </ul>
ASU 101-MEE: The ASU Experience	1		
CHM 114: General Chemistry for Engineers (SQ) OR CHM 116: General Chemistry II (SQ)	4	C	
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
FSE 100: Introduction to Engineering	2	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 242: Elementary Linear Algebra	2	C	<ul style="list-style-type: none"> <li>Create a <a href="#">Handshake</a> profile.</li> <li>Get involved with EPICS, the Generator Labs, and the <a href="#">Fulton Start-Up Center</a>.</li> </ul>
 MAT 266: Calculus for Engineers II (MA)	3	C	
 PHY 121: University Physics I: Mechanics (SQ)	3	C	
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
MAE 215: Introduction to Programming in MATLAB	1	C	
PHY 122: University Physics Laboratory I (SQ)	1	C	
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		



	Minimum
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Term 3 32 - 46 Credit Hours <b>Critical course signified by</b> 	Hours	Grade	Notes
 MAE 201: Mechanics of Particles and Rigid Bodies I: Statics	3	C	<ul style="list-style-type: none"> <li>• Prep for success using the <a href="#">Sophomore Guide</a>.</li> </ul>
 MAT 267: Calculus for Engineers III (MA)	3	C	
 MAT 275: Modern Differential Equations (MA)	3	C	
 PHY 131: University Physics II: Electricity and Magnetism (SQ)	3	C	
MAE 214: Computer-Aided Engineering I	1	C	
PHY 132: University Physics Laboratory II (SQ)	1	C	
 Complete CHM 114 OR CHM 116 course(s).			
 Complete First-Year Composition requirement.			
 Minimum 2.00 GPA ASU Cumulative.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	14		

Term 4 46 - 62 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAE 202: Mechanics of Particles and Rigid Bodies II: Dynamics	3	C	<ul style="list-style-type: none"> <li>• Pursue an <a href="#">undergraduate research experience</a>.</li> <li>• Apply for <a href="#">internships</a>.</li> <li>• Attend <a href="#">career fairs and events</a>.</li> </ul>
 MAE 213: Mechanics of Materials	3	C	
 MAE 241: Introduction to Thermodynamics	3	C	
EEE 202: Circuits I	4	C	
MAE 384: Advanced Mathematical Methods for Engineers (CS)	3	C	
Term hours subtotal:	16		

Term 5 62 - 78 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 MAE 242: Introduction to Fluid Mechanics	3	C	<ul style="list-style-type: none"> <li>• Plan for success using the <a href="#">Junior Guide</a>.</li> <li>• Network at <a href="#">student organization competitions</a> or professional societies.</li> </ul>
 MEE 322: Structural Mechanics	3	C	
 MEE 324: Structural Mechanics Laboratory	1	C	
 MSE 250: Structure and Properties of Materials	3	C	
MAE 301: Applied Experimental Statistics	3	C	
Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3		
Term hours subtotal:	16		

Term 6 78 - 93 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 MAE 318: System Dynamics and Control I	4	C	<ul style="list-style-type: none"> <li>• Research and prepare for <a href="#">graduate school</a>.</li> <li>• Apply for an <a href="#">engineering 4+1 program</a>.</li> <li>• Develop a <a href="#">professional profile online</a>.</li> </ul>
 MEE 323: Computer-Aided Engineering II	2	C	
 MEE 340: Heat Transfer	3	C	
 MEE 342: Principles of Mechanical Design	3	C	
MAE 400: Engineering Profession (L)	3	C	
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 MEE 488: Mechanical Engineering Design I	3	C	

MAE 417: System Dynamics and Control II	3	C
MEE 491: Experimental Mechanical Engineering (L)	3	C
Upper Division Technical Elective	3	C
Humanities, Arts and Design (HU)	3	
Term hours subtotal:	15	

- For additional information about Upper Division Technical Electives, please go to: [Upper Division Technical Electives](#).
- Plan for success using the [Senior Guide](#).
- Use [Handshake](#) to apply for full-time positions.
- Complete an in person or virtual [practice interview](#).

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MEE 489: Mechanical Engineering Design II	3	C	
Complete 2 courses:			
Upper Division Technical Elective	6	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	12		

- For additional information about Upper Division Technical Electives, please go to: [Upper Division Technical Electives](#).

- For additional information about Upper Division Technical Electives please go to: [Upper Division Technical Electives](#).

Hide Course List(s)/Track Group(s)

Upper Division Technical Electives	Upper Division Technical Electives continued
AEE OR MAE OR MEE Upper Division Elective	MAT 300: Mathematical Structures (L)
AST 321: Introduction to Planetary and Stellar Astrophysics	MAT 310: Introduction to Geometry
AST 322: Introduction to Galactic and Extragalactic Astrophysics	MAT 371: Advanced Calculus I
BME 300: Bioengineering Product Design	MAT 420: Scientific Computing
BME 316: Biomechanics for Biomedical Engineers	MAT 421: Applied Computational Methods (CS)
BME 318: Biomaterials	MAT 423: Numerical Analysis I (CS)
BME 350: Signals and Systems for Bioengineers	MAT 425: Numerical Analysis II (CS)
BME 467: Tissue Engineering and Regenerative Medicine	MAT 451: Mathematical Modeling (CS)
BME 494: Bioenergy and Microbial Biotechnology	MAT 461: Applied Complex Analysis
BME 494: Neural Bases of Motor Control	MAT 462: Applied Partial Differential Equations
BME 494: Wearable Devices for Sport, Health, and Wellness	MSE 330: Thermodynamics of Materials
CEE 361: Introduction to Environmental Engineering	MSE 355: Structure and Defects
CEE 372: Transportation Engineering	MSE 440: Mechanical Behavior of Materials
	MSE 450: Introduction to Materials Characterization
	MSE 457: Quantum Mechanics for Understanding Properties of Atoms and Solids
	MSE 460: Nanomaterials in Energy Production and Storage

CEE 440: Hydrology	MSE 466: Electrochemical Energy Storage and Conversion
CEE 441: Water Resources Engineering	
CEE 494: Energy Efficient Buildings and Systems	MSE 476: Growth and Processing of Semiconductors
CEE 494: Sustainable Energy and Material Use	MSE 494: Bioinspired Materials and Biomaterials
CEE 494: Sustainable Energy Technologies	MSE 494: Failure Analysis of Metallic Materials
CHE 468: Polymer Principles and Processing	MSE 494: Intro to FEA for Matl Design and Characterization
CHE 473: Fuel Cells and Biofuel Cells	
CHE 478: Biomass Energy Conversion Technology	MSE 494: Manufacturing Processes for Structural Materials
CHE 494: Nanobiotechnology	PHY 310: Classical Particles, Fields, and Matter I
CHE 494: Quantum Mechanical Simulations of Chemical Process	PHY 361: Introductory Modern Physics
CHE 494: Six Sigma Methodology/Engineering Experimentation	SES 311: Essentials of Astrobiology: Exploration for Life in the Universe
CHM 302: Environmental Chemistry	SES 350: Engineering Systems and Experimental Problem Solving
CHM 325: Analytical Chemistry	SES 494: Modeling and Analysis of Space Thermal Systems
EEE 304: Signals and Systems II	
EEE 333: Hardware Design Languages and Programmable Logic	By approval only:
EEE 334: Circuits II	MAE 484: Internship
EEE 350: Random Signal Analysis	MAE 492: Honors Directed Study
EEE 360: Energy Systems and Power Electronics	MAE 493: Honors Thesis (L)
EEE 407: Digital Signal Processing	MAE 499: Individualized Instruction
EEE 434: Quantum Mechanics for Engineers	*Students who do not meet the enrollment requirements for these courses may be allowed to enroll with instructor consent. Courses not listed here require a department petition form. To take any 494 class, please check with your advisor first. A max of 3 credits from MAE 484/499 can be applied toward the TE requirements.
EEE 460: Nuclear Power Engineering	
EEE 463: Electrical Power Plants	Students may only apply ONE (1) course from the list below:
EEE 480: Feedback Systems	CEE 400: Earth Systems Engineering and Management ((L or HU) & H)
EEE 481: Computer-Controlled Systems	EGR 317: Humanitarian Engineering Project II
EEE 498: Foundations Machine Learning: From Theory to Pract	FSE 301: Entrepreneurship and Value Creation
EEE 498: Science and Technology of Solar Cell Fabrication	FSE 394: Engineering in Global Context
EGR 433: Transforms and Systems Modeling	FSE 404: EPICS Gold: EPICS in Action
EGR 455: Robotic Systems I	
EGR 456: Robotic Systems II	
EGR 494: Engineering in Semiconductors and Microelectronics	

EVE 302: Environmental Engineering  
Fundamentals: Physical and Chemical  
Processes

EVE 303: Environmental Engineering  
Fundamentals: Microbiological Processes

GLG 418: Geophysics

IEE 305: Information Systems Engineering  
(CS)

IEE 376: Operations Research Deterministic  
Techniques/Applications

IEE 300: Economic Analysis for Engineers

IEE 431: Engineering Administration (L)

IEE 437: Human Factors Engineering

MAE 394: Aeronautics in England

SES 407: Space Works II: Model, Fabricate,  
Test

**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.












## 2023 - 2024 Major Map

### Mechanical Engineering, BSE

School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Online ASU Local](#)

ESMAEMBSE

Term 1 - A 0 - 6 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ASU 101-MEE: The ASU Experience	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>FSE 100 is required for first-year students and should be completed the first semester. Non-first year students: see advisor for petitioning replacement electives.</li> <li>If ENG 105 is taken, a 3 hour applicable elective must also be taken prior to graduation. See advisor.</li> <li>Prep for success using the <a href="#">First-Year Student Guide</a>.</li> <li>Join a <a href="#">Fulton community</a>.</li> <li>Explore <a href="#">engineering and technical professions</a>.</li> </ul>
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
FSE 100: Introduction to Engineering	2	C	
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	6		
Term 1 - B 6 - 12 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 265: Calculus for Engineers I (MA)	3	C	<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> </ul>
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	6		
Term 2 - A 12 - 19 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 266: Calculus for Engineers II (MA)	3	C	<ul style="list-style-type: none"> <li>Students who have credit for CHM 113 should take CHM 116.</li> </ul>
CHM 114: General Chemistry for Engineers (SQ) OR CHM 116: General Chemistry II (SQ)	4	C	
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	7		
Term 2 - B 19 - 26 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes

⚠ MAT 242: Elementary Linear Algebra	2	C
⚠ PHY 121: University Physics I: Mechanics (SQ)	3	C
⚠ PHY 122: University Physics Laboratory I (SQ)	1	C
MAE 215: Introduction to Programming in MATLAB	1	C
⚠ Complete ENG 101 OR ENG 105 OR ENG 107 course(s).		
⚠ Minimum 2.00 GPA ASU Cumulative.		
Term hours subtotal:	7	

- Create a [Handshake](#) profile.
- Get involved with EPICS, the Generator Labs, and the [Fulton Start-Up Center](#).

Term 3 - A 26 - 36 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
⚠ MAE 201: Mechanics of Particles and Rigid Bodies I: Statics	3	C	<ul style="list-style-type: none"> <li>• MAE 201 is a Session C course (15 weeks long).</li> <li>• Prep for success using the <a href="#">Sophomore Guide</a>.</li> </ul>
⚠ MAT 267: Calculus for Engineers III (MA)	3	C	
⚠ PHY 131: University Physics II: Electricity and Magnetism (SQ)	3	C	
PHY 132: University Physics Laboratory II (SQ)	1	C	
⚠ Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	10		

Term 3 - B 36 - 40 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
⚠ MAT 275: Modern Differential Equations (MA)	3	C	
MAE 214: Computer-Aided Engineering I	1	C	
⚠ Complete CHM 114 OR CHM 116 course(s).			
⚠ Complete First-Year Composition requirement.			
⚠ Minimum 2.00 GPA ASU Cumulative.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	4		

Term 4 - A 40 - 52 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
⚠ MAE 202: Mechanics of Particles and Rigid Bodies II: Dynamics	3	C	<ul style="list-style-type: none"> <li>• All MAE courses in this term are Session C courses (15 weeks long).</li> <li>• Pursue an <a href="#">undergraduate research experience</a>.</li> <li>• Apply for <a href="#">internships</a>.</li> <li>• Attend <a href="#">career fairs and events</a>.</li> </ul>
⚠ MAE 213: Mechanics of Materials	3	C	
⚠ MAE 241: Introduction to Thermodynamics	3	C	
MAE 384: Advanced Mathematical Methods for Engineers (CS)	3	C	
⚠ Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	12		

Term 4 - B 52 - 56 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
EEE 202: Circuits I	4	C	
⚠ Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	4		

Term 5 - A 56 - 69 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ MAE 242: Introduction to Fluid Mechanics	3	C	<ul style="list-style-type: none"> <li>• All MAE, MEE, and MSE courses in this term are Session C courses (15 weeks long).</li> <li>• Plan for success using the <a href="#">Junior Guide</a>.</li> </ul>
★ MEE 322: Structural Mechanics	3	C	
★ MEE 324: Structural Mechanics Laboratory	1	C	

★ MSE 250: Structure and Properties of Materials	3	C
MAE 301: Applied Experimental Statistics	3	C
Term hours subtotal:	13	

- Network at student organization competitions or professional societies.

Term 5 - B 69 - 72 Credit Hours	Hours	Minimum Grade	Notes
Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3		
Term hours subtotal:	3		

Term 6 - A 72 - 87 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MAE 318: System Dynamics and Control I	4	C	• All MAE and MEE courses in this term are Session C courses (15 weeks long).
★ MEE 323: Computer-Aided Engineering II	2	C	
★ MEE 340: Heat Transfer	3	C	
★ MEE 342: Principles of Mechanical Design	3	C	
MAE 400: Engineering Profession (L)	3	C	
Term hours subtotal:	15		

Term 6 - B 87 - 87 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	0		

Term 7 - A 87 - 96 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MEE 488: Mechanical Engineering Design I	3	C	• All MEE and MAE courses in this term are Session C courses (15 weeks long).
MAE 417: System Dynamics and Control II	3	C	
MEE 491: Experimental Mechanical Engineering (L)	3	C	
Term hours subtotal:	9		

Term 7 - B 96 - 102 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Technical Elective	3	C	
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	6		

Term 8 - A 102 - 111 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MEE 489: Mechanical Engineering Design II	3	C	• MEE 489 is a Session C course (15 weeks long).
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Term hours subtotal:	9		

Term 8 - B 111 - 120 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses:			
Upper Division Technical Elective	6	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	9		

- For additional information about Upper Division Technical Electives please go to: [Upper Division Technical Electives](#).

Hide Course List(s)/Track Group(s)

Upper Division Technical Electives	Upper Division Technical Electives continued
AEE OR MAE OR MEE Upper Division Elective	MAT 421: Applied Computational Methods (CS)
AST 321: Introduction to Planetary and Stellar Astrophysics	PHY 310: Classical Particles, Fields, and Matter I
AST 322: Introduction to Galactic and Extragalactic Astrophysics	PHY 361: Introductory Modern Physics
CHM 325: Analytical Chemistry	SES 350: Engineering Systems and Experimental Problem Solving
EEE 304: Signals and Systems II	SES 407: Space Works II: Model, Fabricate, Test
EEE 333: Hardware Design Languages and Programmable Logic	By approval only:
EEE 334: Circuits II	MAE 492: Honors Directed Study
EEE 350: Random Signal Analysis	MAE 493: Honors Thesis (L)
EEE 360: Energy Systems and Power Electronics	MAE 499: Individualized Instruction
EEE 407: Digital Signal Processing	*Students who do not meet the enrollment requirements for these courses may be allowed to enroll with instructor consent. Courses not listed here require a department petition form. To take any 494 class, please check with your advisor first.
EEE 434: Quantum Mechanics for Engineers	Students may only apply ONE (1) course from the list below:
EEE 460: Nuclear Power Engineering	FSE 301: Entrepreneurship and Value Creation
EEE 463: Electrical Power Plants	IEE 300: Economic Analysis for Engineers
EEE 480: Feedback Systems	IEE 431: Engineering Administration (L)
EEE 481: Computer-Controlled Systems	
EEE 498: Science and Technology of Solar Cell Fabrication	
EGR 494: Engineering in Semiconductors and Microelectronics	
IEE 305: Information Systems Engineering (CS)	
IEE 376: Operations Research Deterministic Techniques/Applications	

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.




## 2023 - 2024 Major Map







### Mechanical Engineering (Computational Mechanics), BSE

School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Tempe](#)

ESMAECBSE

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 265: Calculus for Engineers I (MA)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>FSE 100 is required for first-year students and should be completed the first semester. Non-first year students: see advisor for petitioning replacement electives.</li> <li>If ENG 105 is taken, a 3 hour applicable elective must also be taken prior to graduation. See advisor.</li> <li>Prep for success using the <a href="#">First-Year Student Guide</a>.</li> <li>Join a <a href="#">Fulton community</a>.</li> <li>Explore <a href="#">engineering and technical professions</a>.</li> </ul>
ASU 101-MEE: The ASU Experience	1		
CHM 114: General Chemistry for Engineers (SQ) OR CHM 116: General Chemistry II (SQ)	4	C	
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
FSE 100: Introduction to Engineering	2	C	
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 242: Elementary Linear Algebra	2	C	<ul style="list-style-type: none"> <li>Create a <a href="#">Handshake</a> profile.</li> <li>Get involved with EPICS, the Generator Labs, and the <a href="#">Fulton Start-Up Center</a>.</li> </ul>
 MAT 266: Calculus for Engineers II (MA)	3	C	
 PHY 121: University Physics I: Mechanics (SQ)	3	C	
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
MAE 215: Introduction to Programming in MATLAB	1	C	
PHY 122: University Physics Laboratory I (SQ)	1	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 3 32 - 46 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
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⚠ MAE 201: Mechanics of Particles and Rigid Bodies I: Statics	3	C
⚠ MAT 267: Calculus for Engineers III (MA)	3	C
⚠ MAT 275: Modern Differential Equations (MA)	3	C
⚠ PHY 131: University Physics II: Electricity and Magnetism (SQ)	3	C
MAE 214: Computer-Aided Engineering I	1	C
PHY 132: University Physics Laboratory II (SQ)	1	C
⚠ Complete CHM 114 OR CHM 116 course(s).		
⚠ Complete First-Year Composition requirement.		
⚠ Minimum 2.00 GPA ASU Cumulative.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	14	

- Prep for success using the [Sophomore Guide](#).

Term 4 46 - 62 Credit Hours Critical course signified by ⚠	Hours	Minimum Grade	Notes
⚠ MAE 202: Mechanics of Particles and Rigid Bodies II: Dynamics	3	C	<ul style="list-style-type: none"> <li>• Pursue an <a href="#">undergraduate research experience</a>.</li> <li>• Apply for <a href="#">internships</a>.</li> <li>• Attend <a href="#">career fairs and events</a>.</li> </ul>
⚠ MAE 213: Mechanics of Materials	3	C	
⚠ MAE 241: Introduction to Thermodynamics	3	C	
EEE 202: Circuits I	4	C	
MAE 384: Advanced Mathematical Methods for Engineers (CS)	3	C	
Term hours subtotal:	16		

Term 5 62 - 78 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MAE 242: Introduction to Fluid Mechanics	3	C	<ul style="list-style-type: none"> <li>• Plan for success using the <a href="#">Junior Guide</a>.</li> <li>• Network at <a href="#">student organization competitions</a> or <a href="#">professional societies</a>.</li> </ul>
★ MEE 322: Structural Mechanics	3	C	
★ MEE 324: Structural Mechanics Laboratory	1	C	
★ MSE 250: Structure and Properties of Materials	3	C	
CSE 100: Principles of Programming with C++ (CS) OR CSE 110: Principles of Programming (CS)	3	C	
MAE 301: Applied Experimental Statistics	3	C	
Term hours subtotal:	16		

Term 6 78 - 93 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MAE 318: System Dynamics and Control I	4	C	<ul style="list-style-type: none"> <li>• Research and prepare for <a href="#">graduate school</a></li> <li>• Apply for an <a href="#">engineering 4+1 program</a>.</li> <li>• Develop a <a href="#">professional profile online</a>.</li> </ul>
★ MEE 323: Computer-Aided Engineering II	2	C	
★ MEE 340: Heat Transfer	3	C	
★ MEE 342: Principles of Mechanical Design	3	C	
PHI 103: Principles of Sound Reasoning (L or HU)	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MEE 488: Mechanical Engineering Design I	3	C	<ul style="list-style-type: none"> <li>• For additional information regarding Upper Division Computational Mechanics Technical</li> </ul>
MAE 400: Engineering Profession (L)	3	C	

Complete 2 courses:

Upper Division Computational Mechanics Technical Elective 6 C

Social-Behavioral Sciences (SB) AND Historical Awareness (H) 3

Term hours subtotal: 15

Electives, please go to: [Upper Division Computational Mechanics Technical Electives](#).

- Plan for success using the [Senior Guide](#).
- Use [Handshake](#) to apply for full-time positions.
- Complete an in person or virtual [practice interview](#).

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MEE 489: Mechanical Engineering Design II	3	C	
AEE 471: Computational Fluid Dynamics OR MAE 404: Finite Elements in Engineering OR MAE 460: Applied Computational Fluid Dynamics	3	C	
MEE 491: Experimental Mechanical Engineering (L)	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	12		

- For additional information about Upper Division Computational Mechanics Technical Electives, please go to: [Upper Division Computational Mechanics Technical Electives](#).

Hide Course List(s)/Track Group(s)

Upper Division Computational Mechanics Technical Electives

AEE 360: Aerodynamics (L)

AEE 471: Computational Fluid Dynamics

IEE 305: Information Systems Engineering (CS)

IEE 376: Operations Research Deterministic Techniques/Applications

MAE 404: Finite Elements in Engineering

MAE 460: Applied Computational Fluid Dynamics

MAE 501: Linear Algebra in Engineering

MAE 502: Partial Differential Equations in Engineering

MAT 420: Scientific Computing

MAT 421: Applied Computational Methods (CS)

MAT 423: Numerical Analysis I (CS)

MAT 425: Numerical Analysis II (CS)

MAT 451: Mathematical Modeling (CS)

MAT 461: Applied Complex Analysis



MSE 494: Intro to FEA for Matl Design and Characterization

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By approval only:

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MAE 484: Internship

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MAE 492: Honors Directed Study

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MAE 493: Honors Thesis (L)

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MAE 499: Individualized Instruction

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\*Students who do not meet the enrollment requirements for these courses may be allowed to enroll with instructor consent. Courses not listed here require a program petition prior to enrollment. Please check with your advisor. A max of 3 credits from MAE 484/499 can be applied toward the TE requirements.

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**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

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**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
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- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.




## 2023 - 2024 Major Map







### Mechanical Engineering (Energy and Environment), BSE

School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Tempe](#)

ESMAEEBSE

Term 1 0 - 16 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 MAT 265: Calculus for Engineers I (MA)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>FSE 100 is required for first-year students and should be completed the first semester. Non-first year students: see advisor for petitioning replacement electives.</li> <li>If ENG 105 is taken, a 3 hour applicable elective must also be taken prior to graduation. See advisor.</li> <li>Prep for success using the <a href="#">First-Year Student Guide</a>.</li> <li>Join a <a href="#">Fulton community</a>.</li> <li>Explore <a href="#">engineering and technical professions</a>.</li> </ul>
ASU 101-MEE: The ASU Experience	1		
CHM 114: General Chemistry for Engineers (SQ) OR CHM 116: General Chemistry II (SQ)	4	C	
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
FSE 100: Introduction to Engineering	2	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 MAT 242: Elementary Linear Algebra	2	C	<ul style="list-style-type: none"> <li>Create a <a href="#">Handshake</a> profile.</li> <li>Get involved with EPICS, the Generator Labs, and the <a href="#">Fulton Start-Up Center</a>.</li> </ul>
 MAT 266: Calculus for Engineers II (MA)	3	C	
 PHY 121: University Physics I: Mechanics (SQ)	3	C	
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
MAE 215: Introduction to Programming in MATLAB	1	C	
PHY 122: University Physics Laboratory I (SQ)	1	C	
Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 3 32 - 46 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
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⚠ MAE 201: Mechanics of Particles and Rigid Bodies I: Statics	3	C
⚠ MAT 267: Calculus for Engineers III (MA)	3	C
⚠ MAT 275: Modern Differential Equations (MA)	3	C
⚠ PHY 131: University Physics II: Electricity and Magnetism (SQ)	3	C
MAE 214: Computer-Aided Engineering I	1	C
PHY 132: University Physics Laboratory II (SQ)	1	C
⚠ Complete CHM 114 OR CHM 116 course(s).		
⚠ Complete First-Year Composition requirement.		
⚠ Minimum 2.00 GPA ASU Cumulative.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	14	

- Prep for success using the [Sophomore Guide](#).

Term 4 46 - 62 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
⚠ MAE 202: Mechanics of Particles and Rigid Bodies II: Dynamics	3	C	<ul style="list-style-type: none"> <li>• Pursue an <a href="#">undergraduate research experience</a>.</li> <li>• Apply for <a href="#">internships</a>.</li> <li>• Attend <a href="#">career fairs and events</a>.</li> </ul>
⚠ MAE 213: Mechanics of Materials	3	C	
⚠ MAE 241: Introduction to Thermodynamics	3	C	
EEE 202: Circuits I	4	C	
MAE 384: Advanced Mathematical Methods for Engineers (CS)	3	C	
Term hours subtotal:	16		

Term 5 62 - 78 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ MEE 322: Structural Mechanics	3	C	<ul style="list-style-type: none"> <li>• Plan for success using the <a href="#">Junior Guide</a>.</li> <li>• Network at <a href="#">student organization competitions</a> or professional societies.</li> </ul>
★ MEE 324: Structural Mechanics Laboratory	1	C	
CHM 231: Elementary Organic Chemistry (SQ) OR CHM 233: General Organic Chemistry I	3	C	
MAE 242: Introduction to Fluid Mechanics	3	C	
MAE 301: Applied Experimental Statistics	3	C	
MSE 250: Structure and Properties of Materials	3	C	
Term hours subtotal:	16		

Term 6 78 - 93 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ MAE 318: System Dynamics and Control I	4	C	<ul style="list-style-type: none"> <li>• Research and prepare for <a href="#">graduate school</a>.</li> <li>• Apply for an <a href="#">engineering 4+1 program</a>.</li> <li>• Develop a <a href="#">professional profile online</a>.</li> </ul>
★ MEE 340: Heat Transfer	3	C	
MAE 400: Engineering Profession (L)	3	C	
MEE 323: Computer-Aided Engineering II	2	C	
MEE 342: Principles of Mechanical Design	3	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 106 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ MEE 445: Energy Systems Design I	1	C	
★ MEE 482: Intermediate Thermodynamics	3	C	

MAE 417: System Dynamics and Control II OR MEE 491: Experimental Mechanical Engineering (L)	3	C
PUP 190: Sustainable Cities ((HU or SB) & G) OR GPH 314: Global Change (HU & G)	3	
Upper Division Energy and Environment Technical Elective	3	C
Term hours subtotal:	13	

- For additional information about Upper Division Energy and Environment Technical Electives, please see: [Upper Division Energy and Environment Technical Electives](#).
- Plan for success using the [Senior Guide](#).
- Apply for [full-time positions](#).
- Complete an in person or virtual [practice interview](#).

Term 8 106 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MEE 446: Energy Systems Design II	2	C	<ul style="list-style-type: none"> <li>• For additional information about Upper Division Technical Electives, please go to: <a href="#">Upper Division Technical Electives</a>.</li> </ul>
MAE 417: System Dynamics and Control II OR MEE 491: Experimental Mechanical Engineering (L)	3	C	
SOS 171: The Thread of Energy (SB & G) OR GCU 364: Energy in the Global Arena (SB & G)	3		
Upper Division Technical Elective	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	14		

- For additional information about Upper Division Energy and Environment Technical Electives, & Upper Division Technical Electives, please go to: [Upper Division Energy and Environment Technical Electives & Upper Division Technical Electives](#)

Hide Course List(s)/Track Group(s)

Upper Division Energy and Environment Technical Electives	Upper Division Technical Electives	Upper Division Technical Electives continued
ATE 521: Building Environmental Science	AEE OR MAE OR MEE Upper Division Elective	MAT 300: Mathematical Structures (L)
ATE 556: Architectural Technology V	AST 321: Introduction to Planetary and Stellar Astrophysics	MAT 310: Introduction to Geometry
ATE 560: Building Energy Analysis	AST 322: Introduction to Galactic and Extragalactic Astrophysics	MAT 371: Advanced Calculus I
ATE 582: Environmental Control Systems	ATE 521: Building Environmental Science	MAT 420: Scientific Computing
BIO 320: Fundamentals of Ecology	ATE 556: Architectural Technology V	MAT 421: Applied Computational Methods (CS)
CEE 361: Introduction to Environmental Engineering	ATE 560: Building Energy Analysis	MAT 423: Numerical Analysis I (CS)
CEE 440: Hydrology	ATE 582: Environmental Control Systems	MAT 425: Numerical Analysis II (CS)
CEE 494: Energy Efficient Buildings and Systems	BIO 320: Fundamentals of Ecology	MAT 451: Mathematical Modeling (CS)
CEE 494: Sustainable Energy and Material Use	BME 300: Bioengineering Product Design	MAT 461: Applied Complex Analysis
CEE 494: Sustainable Energy Technologies	BME 316: Biomechanics for Biomedical Engineers	MAT 462: Applied Partial Differential Equations
CHE 473: Fuel Cells and Biofuel Cells	BME 318: Biomaterials	MSE 330: Thermodynamics of Materials
CHE 478: Biomass Energy Conversion Technology	BME 350: Signals and Systems for Bioengineers	MSE 355: Structure and Defects
		MSE 440: Mechanical Behavior of Materials
		MSE 450: Introduction to Materials Characterization

CHM 302: Environmental Chemistry	BME 467: Tissue Engineering and Regenerative Medicine	MSE 457: Quantum Mechanics for Understanding Properties of Atoms and Solids
EEE 360: Energy Systems and Power Electronics	BME 494: Bioenergy and Microbial Biotechnology	MSE 460: Nanomaterials in Energy Production and Storage
EEE 460: Nuclear Power Engineering	BME 494: Neural Bases of Motor Control	MSE 466: Electrochemical Energy Storage and Conversion
EEE 463: Electrical Power Plants	BME 494: Wearable Devices for Sport, Health, and Wellness	MSE 476: Growth and Processing of Semiconductors
EVE 302: Environmental Engineering Fundamentals: Physical and Chemical Processes	CEE 361: Introduction to Environmental Engineering	MSE 494: Bioinspired Materials and Biomaterials
MAE 494: Air Conditioning & Refrigeration	CEE 372: Transportation Engineering	MSE 494: Failure Analysis of Metallic Materials
MAE 494: Energy Efficiency	CEE 400: Earth Systems Engineering and Management ((L or HU) & H)	MSE 494: Intro to FEA for Matl Design and Characterization
MAE 494: Solar Thermal Engineering	CEE 440: Hydrology	MSE 494: Manufacturing Processes for Structural Materials
MEE 434: Internal Combustion Engines	CEE 441: Water Resources Engineering	PHY 310: Classical Particles, Fields, and Matter I
MEE 440: Renewable Energy: Mechanical Systems	CEE 494: Energy Efficient Buildings and Systems	PHY 361: Introductory Modern Physics
MEE 441: Wind Energy	CEE 494: Sustainable Energy and Material Use	SES 307: Space Works I: Design, Build, Test
MSE 460: Nanomaterials in Energy Production and Storage	CEE 494: Sustainable Energy Technologies	SES 311: Essentials of Astrobiology: Exploration for Life in the Universe
MSE 466: Electrochemical Energy Storage and Conversion	CHE 468: Polymer Principles and Processing	SES 350: Engineering Systems and Experimental Problem Solving
By approval only:	CHE 473: Fuel Cells and Biofuel Cells	SES 407: Space Works II: Model, Fabricate, Test
MAE 484: Internship	CHE 478: Biomass Energy Conversion Technology	SES 494: Modeling and Analysis of Space Thermal Systems
MAE 492: Honors Directed Study	CHE 494: Nanobiotechnology	By approval only:
MAE 493: Honors Thesis (L)	CHE 494: Quantum Mechanical Simulations of Chemical Process	MAE 484: Internship
MAE 499: Individualized Instruction	CHE 494: Six Sigma Methodology/Engineering Experimentation	MAE 492: Honors Directed Study
*Students who do not meet the enrollment requirements for these courses may be allowed to enroll with instructor consent. Courses not listed here require a program petition prior to enrollment. Please check with your advisor. A max of 3 credits from MAE 484/499 can be applied toward the TE requirements.	CHM 302: Environmental Chemistry	MAE 493: Honors Thesis (L)
	CHM 325: Analytical Chemistry	MAE 499: Individualized Instruction
	EEE 304: Signals and Systems II	*Students who do not meet the enrollment requirements for these courses may be allowed to enroll with instructor consent. Courses not listed here require a program petition prior to enrollment. Please check with your advisor. A max of 3 credits from MAE 484/499 can be applied toward the TE requirements.
	EEE 333: Hardware Design Languages and Programmable Logic	
	EEE 334: Circuits II	
	EEE 350: Random Signal Analysis	
	EEE 360: Energy Systems and Power Electronics	
	EEE 407: Digital Signal Processing	
	EEE 434: Quantum Mechanics for Engineers	
	EEE 460: Nuclear Power Engineering	
	EEE 463: Electrical Power Plants	

EEE 480: Feedback Systems
EEE 481: Computer-Controlled Systems
EEE 498: Foundations Machine Learning: From Theory to Pract
EEE 498: Science and Technology of Solar Cell Fabrication
EGR 317: Humanitarian Engineering Project II
EGR 433: Transforms and Systems Modeling
EGR 455: Robotic Systems I
EGR 456: Robotic Systems II
EGR 494: Engineering in Semiconductors and Microelectronics
EVE 302: Environmental Engineering Fundamentals: Physical and Chemical Processes
EVE 303: Environmental Engineering Fundamentals: Microbiological Processes
FSE 301: Entrepreneurship and Value Creation
FSE 394: Engineering in Global Context
FSE 404: EPICS Gold: EPICS in Action
GLG 418: Geophysics
IEE 300: Economic Analysis for Engineers
IEE 305: Information Systems Engineering (CS)
IEE 376: Operations Research Deterministic Techniques/Applications
IEE 431: Engineering Administration (L)
IEE 437: Human Factors Engineering

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**General University Requirements Legend**

General Studies Core Requirements:

**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for**  
**Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.












## 2023 - 2024 Major Map

### Software Engineering, BS

School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Polytechnic](#)

TSSERBS

Term 1 0 - 15 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes	
 CSE 110: Principles of Programming (CS)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students</li> <li>If ENG 105 is taken, a three credit hour elective course must also be taken prior to graduation</li> <li>Prep for success using the <a href="#">First-Year Student Guide</a>.</li> <li>Join a <a href="#">Fulton community</a>.</li> <li>Explore <a href="#">engineering and technical professions</a>.</li> </ul>	
 MAT 265: Calculus for Engineers I (MA)	3	C		
ASU 101-CAI: The ASU Experience	1			
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C		
FSE 100: Introduction to Engineering	2	C		
Social-Behavioral Sciences (SB)	3			
 Minimum 2.00 GPA ASU Cumulative.				
Term hours subtotal:	15			
Term 2 15 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade		Notes
 CSE 205: Object-Oriented Programming and Data Structures (CS)	3	C		<ul style="list-style-type: none"> <li>Create a <a href="#">Handshake</a> profile.</li> <li>Get involved with EPICS, the Generator Labs, and the <a href="#">Fulton Start-Up Center</a>.</li> </ul>
EGR 104: Critical Inquiry in Engineering (L)	3	C		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C		
MAT 266: Calculus for Engineers II (MA)	3	C		
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3			
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).				
 Minimum 2.00 GPA ASU Cumulative.				
Term hours subtotal:	15			
Term 3 30 - 46 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes	
 MAT 243: Discrete Mathematical Structures	3	C	<ul style="list-style-type: none"> <li>Prep for success using the <a href="#">Sophomore Guide</a>.</li> </ul>	
 SER 232: Computer Systems Fundamentals (CS)	3	C		
CSE 240: Introduction to Programming Languages	3	C		
MAT 267: Calculus for Engineers III (MA) OR MAT 275: Modern Differential Equations (MA)	3	C		



Lab Science Sequence AND Natural Science - General (SG) OR  
Natural Science - Quantitative (SQ) 4

⚠ Minimum 2.00 GPA ASU Cumulative.

Complete Mathematics (MA) requirement.

Term hours subtotal: 16

Term 4 46 - 62 Credit Hours Critical course signified by ⚠	Hours	Minimum Grade	Notes
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⚠ SER 222: Design and Analysis of Data Structures and Algorithms 3 C

CSE 230: Computer Organization and Assembly Language Programming 3 C

EGR 280: Engineering Statistics (CS) 3 C

PHY 121: University Physics I: Mechanics (SQ) 3 C

PHY 122: University Physics Laboratory I (SQ) 1 C

SER 216: Software Enterprise: Personal Process and Quality 3 C

⚠ Minimum 2.00 GPA ASU Cumulative.

Term hours subtotal: 16

- Pursue an undergraduate research experience
- Apply for internships
- Attend career fairs and events

Term 5 62 - 78 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ SER 334: Operating Systems and System Programming 3 C

MAT 343: Applied Linear Algebra 3 C

SER 315: Software Enterprise: Design and Process 3 C

SER 322: Principles of Database Management 3 C

Lab Science Sequence AND Natural Science - General (SG) OR  
Natural Science - Quantitative (SQ) 4

Term hours subtotal: 16

- Plan for success using the Junior Guide.
- Network at student organization competitions or professional societies.

Term 6 78 - 93 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ SER 316: Software Enterprise: Construction and Transition 3 C

★ SER 321: Principles of Distributed Software Systems 3 C

SER 335: Engineering Secure Software Systems 3 C

Humanities, Arts and Design (HU) AND Historical Awareness (H) 3

Social-Behavioral Sciences (SB) AND Global Awareness (G) 3

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 15

- Research and prepare for graduate school.
- Apply for an engineering 4+1 program.
- Develop a professional profile online.

Term 7 93 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ SER 401: Computing Capstone Project I 3 C

SER 415: Software Enterprise: Inception and Elaboration (L) 3 C

Technical Elective 3 C

SER 4\*\* Elective 3 C

Upper Division Humanities, Arts and Design (HU) OR Upper Division  
Social-Behavioral Sciences (SB) ( HST 318 recommended) 3

Term hours subtotal: 15

- Plan for success using the Senior Guide
- Use Handshake to apply for full-time positions.

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ SER 402: Computing Capstone Project II	3	C
SER 416: Software Enterprise: Project and Process Management	3	C
Complete 2 courses: SER 4** Elective	6	C
Term hours subtotal:	12	

Hide Course List(s)/Track Group(s)

Lab Science Sequence	Technical Elective
BIO 181: General Biology I (SQ) AND BIO 182: General Biology II (SG)	CPI Upper Division Elective
BIO 201: Human Anatomy and Physiology I (SG) AND BIO 202: Human Anatomy and Physiology II (SG)	CSE Upper Division Elective
CHM 113: General Chemistry I (SQ) AND CHM 116: General Chemistry II (SQ)	EEE Upper Division Elective
GLG 101: Introduction to Geology I (Physical) (SQ) AND GLG 103: Introduction to Geology I: Laboratory (SQ)	FSE 301: Entrepreneurship and Value Creation
GLG 102: Introduction to Geology II (Historical) (SG & H) AND GLG 104: Introduction to Geology II-Laboratory (SG)	FSE 404: EPICS Gold: EPICS in Action
GLG 110: Dangerous World (SQ & G) AND GLG 111: Dangerous World Laboratory (SQ)	IEE Upper Division Elective
MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG)	IFT Upper Division Elective
PHY 131: University Physics II: Electricity and Magnetism (SQ) AND PHY 132: University Physics Laboratory II (SQ)	MAE Upper Division Elective
	SER Upper Division Elective

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)

**Total Community College Hrs:** 64 maximum

- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.











## 2023 - 2024 Major Map

### Software Engineering, BS

School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Online ASU Local](#)

TSSERBS

Term 1 - A 0 - 6 Credit Hours	Hours	Minimum Grade	Notes
ASU 101-CAI: The ASU Experience	1		<ul style="list-style-type: none"> <li>If ENG 105 is taken, a three credit hour elective course must also be taken prior to graduation.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
FSE 100: Introduction to Engineering	2	C	
Term hours subtotal:	6		
Term 1 - B 6 - 12 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CSE 110: Principles of Programming (CS)	3	C	<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> <li>Prep for success using the <a href="#">First-Year Student Guide</a>.</li> <li>Join a <a href="#">Fulton community</a>.</li> <li>Explore <a href="#">engineering and technical professions</a>.</li> <li>ASU 101 is only required of new first-year students transferring in fewer than 24 hours to ASU.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	6		
Term 2 - A 12 - 18 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CSE 205: Object-Oriented Programming and Data Structures (CS)	3	C	
 MAT 265: Calculus for Engineers I (MA)	3	C	
Term hours subtotal:	6		
Term 2 - B 18 - 24 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 SER 232: Computer Systems Fundamentals (CS)	3	C	<ul style="list-style-type: none"> <li>Create a <a href="#">Handshake</a> profile.</li> <li>Get involved with EPICS, the Generator Labs, and the <a href="#">Fulton Start-Up Center</a>.</li> </ul>
MAT 266: Calculus for Engineers II (MA)	3	C	
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	6		
Term 3 - A 24 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 243: Discrete Mathematical Structures	3	C	

CSE 230: Computer Organization and Assembly Language Programming 3 C

Term hours subtotal: 6

Term 3 - B 30 - 36 Credit Hours	Hours	Minimum Grade	Notes
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CSE 240: Introduction to Programming Languages 3 C

MAT 267: Calculus for Engineers III (MA) OR MAT 275: Modern Differential Equations (MA) 3 C

Complete Mathematics (MA) requirement.

Term hours subtotal: 6

- Prep for success using the [Sophomore Guide](#).

Term 4 - A 36 - 42 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
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 SER 222: Design and Analysis of Data Structures and Algorithms 3 C

EGR 104: Critical Inquiry in Engineering (L) 3 C

Term hours subtotal: 6

Term 4 - B 42 - 48 Credit Hours	Hours	Minimum Grade	Notes
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EGR 280: Engineering Statistics (CS) 3 C

SER 216: Software Enterprise: Personal Process and Quality 3 C

Term hours subtotal: 6


- Pursue an [undergraduate research experience](#).
- Apply for [internships](#).
- Attend [career fairs and events](#).

Term 5 - A 48 - 54 Credit Hours	Hours	Minimum Grade	Notes
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MAT 343: Applied Linear Algebra 3 C

SER 315: Software Enterprise: Design and Process 3 C

Term hours subtotal: 6

Term 5 - B 54 - 61 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
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 SER 334: Operating Systems and System Programming 3 C

PHY 121: University Physics I: Mechanics (SQ) 3 C

PHY 122: University Physics Laboratory I (SQ) 1 C

Term hours subtotal: 7

- Plan for success using the [Junior Guide](#).
- Network at [student organization competitions](#) or [professional societies](#).

Term 6 - A 61 - 67 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
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 SER 321: Principles of Distributed Software Systems 3 C

Social-Behavioral Sciences (SB) AND Global Awareness (G) 3


Term hours subtotal: 6

- During the junior year of the program, students should contact an academic advisor to identify course options.

Term 6 - B 67 - 73 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
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 SER 316: Software Enterprise: Construction and Transition 3 C

SER 335: Engineering Secure Software Systems 3 C

 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 6

- Research and prepare for [graduate school](#).
- Develop a [professional profile online](#).

Minimum

Term 7 - A 73 - 79 Credit Hours <b>Necessary course signified by</b> ★	Hours	Grade	Notes
★ SER 415: Software Enterprise: Inception and Elaboration (L)	3	C	
SER 322: Principles of Database Management	3	C	
Term hours subtotal:	6		

Term 7 - B 79 - 86 Credit Hours	Hours	Minimum Grade	Notes
Lab Science Sequence AND Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		<ul style="list-style-type: none"> <li>• During the junior year of the program, students should contact an academic advisor to identify course options/selection.</li> <li>• Plan for success using the <b>Senior Guide</b>.</li> <li>• Use <b>Handshake</b> to apply for full-time positions.</li> <li>• Complete an in person or virtual <b>practice interview</b>.</li> </ul>
SER 4** Elective	3	C	
Term hours subtotal:	7		

Term 8 - A 86 - 93 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ SER 416: Software Enterprise: Project and Process Management	3	C	
Lab Science Sequence AND Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	7		

Term 8 - B 93 - 99 Credit Hours	Hours	Minimum Grade	Notes
<i>Complete 2 courses:</i> SER 4** Elective	6	C	<ul style="list-style-type: none"> <li>• During the junior year of the program, students should contact an academic advisor to identify course options/selection.</li> </ul>
Term hours subtotal:	6		

Term 9 - A 99 - 105 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ SER 401: Computing Capstone Project I	3	C	<ul style="list-style-type: none"> <li>• SER 401 is a Session C course (15 weeks long).</li> </ul>
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	6		

Term 9 - B 105 - 114 Credit Hours	Hours	Minimum Grade	Notes
Technical Elective	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) ( HST 318 recommended)	3		
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	9		

Term 10 - A 114 - 120 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ SER 402: Computing Capstone Project II	3	C	<ul style="list-style-type: none"> <li>• SER 402 is a Session C course (15 weeks long).</li> </ul>
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	6		

Hide Course List(s)/Track Group(s)

Lab Science Sequence	Technical Elective
BIO 181: General Biology I (SQ) AND BIO 182: General Biology II (SG)	CPI Upper Division Elective
BIO 201: Human Anatomy and Physiology I (SG) AND BIO 202: Human Anatomy and Physiology II (SG)	CSE Upper Division Elective EEE Upper Division Elective
CHM 113: General Chemistry I (SQ) AND CHM 116: General Chemistry II (SQ)	FSE 301: Entrepreneurship and Value Creation IEE Upper Division Elective
GLG 101: Introduction to Geology I (Physical) (SQ) AND GLG 103: Introduction to Geology I: Laboratory (SQ)	IFT Upper Division Elective MAE Upper Division Elective
GLG 102: Introduction to Geology II (Historical) (SG & H) AND GLG 104: Introduction to Geology II-Laboratory (SG)	SER Upper Division Elective
GLG 110: Dangerous World (SQ & G) AND GLG 111: Dangerous World Laboratory (SQ)	
MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG)	
PHY 131: University Physics II: Electricity and Magnetism (SQ) AND PHY 132: University Physics Laboratory II (SQ)	

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

## First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.






## 2023 - 2024 Major Map




### Technological Entrepreneurship and Management, BS



School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Polytechnic](#)

TSTEMBS

Term 1 0 - 14 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ASU 101-TPS: The ASU Experience	1		<ul style="list-style-type: none"> <li>ASU 101 is required of all first-year students.</li> <li>Prep for success using the <a href="#">First-Year Student Guide</a>.</li> <li>Join a <a href="#">Fulton community</a>.</li> <li>Explore <a href="#">engineering and technical professions</a>.</li> </ul>
 TMC 110: Understanding the Enterprise	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
FSE 181: Technological, Social, and Sustainable Systems (HU)	3	C	
HSE 101: Introduction to Human Systems Engineering (SB) OR PSY 101: Introduction to Psychology (SB)	3	C	
TEM 100: Seminar in Entrepreneurship	1	C	
Term hours subtotal:	14		

Term 2 14 - 30 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 TEM 200: My Technology Venture	3	C	<ul style="list-style-type: none"> <li>Create a <a href="#">Handshake</a> profile.</li> <li>Get involved with EPICS, the Generator Labs, and the <a href="#">Fulton Start-Up Center</a>.</li> </ul>
CIS 105: Computer Applications and Information Technology (CS) OR CSE 100: Principles of Programming with C++ (CS) OR CSE 110: Principles of Programming (CS) OR CSE 180: Computer Literacy (CS) OR GIT 215: Introduction to Web Authoring	3		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 210: Brief Calculus (MA)	3	C	
Natural Science - Quantitative (SQ)	4		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 30 - 46 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 TEM 230: Creativity and Business Innovation	3	C	<ul style="list-style-type: none"> <li>Prep for success using the <a href="#">Sophomore Guide</a>.</li> </ul>
HSE 230: Statistics for Human Systems Research I (CS)	3		
STEM Elective	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3		

❖ Complete Mathematics (MA) requirement.

❖ Complete TEM 100 course(s).

Term hours subtotal: 16

Term 4 46 - 61 Credit Hours Critical course signified by ❖	Hours	Minimum Grade	Notes
❖ TEM 250: Design Methodology	3	C	<ul style="list-style-type: none"><li>• Pursue an undergraduate research experience.</li><li>• Apply for internships.</li><li>• Attend career fairs and events.</li></ul>
Major Elective	3		
Complete 2 courses:			
STEM Elective	6		
Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	15		

Term 5 61 - 78 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TMC 330: Leading the Enterprise	3	C	<ul style="list-style-type: none"><li>• Plan for success using the Junior Guide.</li><li>• Network at student organization competitions or professional societies.</li></ul>
TEM 300: Career Management for Entrepreneurs and Innovators	1	C	
Upper Division STEM Elective	3		
Major Elective	3		
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Elective OR TEM 484: Internship	4		
Term hours subtotal:	17		

Term 6 78 - 93 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TMC 310: Promotion of the Enterprise	3	C	<ul style="list-style-type: none"><li>• Research and prepare for graduate school.</li><li>• Develop a professional profile online.</li></ul>
FSE 301: Entrepreneurship and Value Creation	3	C	
TMC 320: Funding the Enterprise	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Literacy and Critical Inquiry (L)	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TEM 400: Technology Entrepreneurship	3	C	<ul style="list-style-type: none"><li>• If you are participating or planning on participating in the Thunderbird 4+1 degree, OMT 440 is required.</li><li>• Plan for success using the Senior Guide.</li><li>• Use Handshake to apply for full-time positions.</li><li>• Complete an in person or virtual practice interview.</li></ul>
TEM 455: Global Impact Entrepreneurship OR OMT 440: International Business (G)	3	C	
TMC 430: Enterprise Strategy and Innovation	3		
Upper Division STEM Elective	3		
Upper Division Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ OMT 430: Ethical Issues in Technology OR OMT 402: Legal Issues for Technologists	3	C	
★ TMC 498: Pro-Seminar (L) OR TEM 482: Startup Workshop OR TEM 481: Consulting Project	3	C	

TEM 431: Innovation Management	3	C
Upper Division Major Electives	3	
Term hours subtotal:	12	

- Select 15 credit hours of STEM electives from the provided list of subjects, including six upper-division credits.

Hide Course List(s)/Track Group(s)

Major Electives	STEM Elective
CEE OR FSE OR OMT OR TEM OR TMC Elective ( TEM 484 recommended)	AME OR AMT OR AST OR BIO OR BMI OR CAP OR CDH OR CEE OR CHM OR CIS OR CSE OR EEE OR EGR OR ENT OR FIS OR GIT OR GLG OR HSE OR HUL OR IEE OR IGD OR IVD OR MAT OR MFG OR MGT OR OGL OR OMT OR PHY OR PMG OR PSY OR PUP OR SER OR SES OR TGM Elective

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.










## 2023 - 2024 Major Map

### Technological Entrepreneurship and Management, BS

School/College: [Ira A. Fulton Schools of Engineering](#)

Location: [Online](#) [ASU Local](#)

TSTEMBS

Term 1 - A 0 - 8 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ASU 101-TPS: The ASU Experience	1		<ul style="list-style-type: none"> <li>ASU 101 is required of all first-year students.</li> <li>Prep for success using the <a href="#">First-Year Student Guide</a>.</li> <li>Join a <a href="#">Fulton community</a>.</li> <li>Explore <a href="#">engineering and technical professions</a>.</li> </ul>
 TMC 110: Understanding the Enterprise	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
TEM 100: Seminar in Entrepreneurship	1	C	
Term hours subtotal:	8		
Term 1 - B 8 - 14 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 HSE 101: Introduction to Human Systems Engineering (SB) OR PSY 101: Introduction to Psychology (SB)	3	C	<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> </ul>
FSE 181: Technological, Social, and Sustainable Systems (HU)	3	C	
Term hours subtotal:	6		
Term 2 - A 14 - 21 Credit Hours	Hours	Minimum Grade	Notes
MAT 210: Brief Calculus (MA)	3	C	<ul style="list-style-type: none"> <li>Create a <a href="#">Handshake</a> profile.</li> <li>Get involved with EPICS, the Generator Labs, and the <a href="#">Fulton Start-Up Center</a>.</li> </ul>
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	7		
Term 2 - B 21 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 TEM 200: My Technology Venture	3	C	
CIS 105: Computer Applications and Information Technology (CS) OR CSE 100: Principles of Programming with C++ (CS) OR CSE 110: Principles of Programming (CS) OR CSE 180: Computer Literacy (CS) OR GIT 215: Introduction to Web Authoring	3		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	9		
Term 3 - A 30 - 39 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes

❖ TEM 230: Creativity and Business Innovation	3	C
HSE 230: Statistics for Human Systems Research I (CS)	3	
Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3	
Term hours subtotal:	9	

- Prep for success using the [Sophomore Guide](#).

Term 3 - B 39 - 46 Credit Hours Critical course signified by ❖	Hours	Minimum Grade	Notes
STEM Elective	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
❖ Complete Mathematics (MA) requirement.			
❖ Complete TEM 100 course(s).			
Term hours subtotal:	7		

Term 4 - A 46 - 55 Credit Hours Critical course signified by ❖	Hours	Minimum Grade	Notes
❖ TEM 250: Design Methodology	3	C	
Major Electives	3		
STEM Elective	3		
Term hours subtotal:	9		

- Pursue an [undergraduate research experience](#).
- Apply for [internships](#).
- Attend [career fairs and events](#).

Term 4 - B 55 - 61 Credit Hours	Hours	Minimum Grade	Notes
STEM Elective	3		
Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	6		

Term 5 - A 61 - 70 Credit Hours	Hours	Minimum Grade	Notes
Upper Division STEM Elective	3		
Major Electives	3		
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Term hours subtotal:	9		

- Plan for success using the [Junior Guide](#).
- Network at [student organization competitions](#) or professional societies.

Term 5 - B 70 - 78 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TEM 300: Career Management for Entrepreneurs and Innovators	1	C	
★ TMC 330: Leading the Enterprise	3	C	
Elective	4		
Term hours subtotal:	8		

Term 6 - A 78 - 87 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TMC 310: Promotion of the Enterprise	3	C	
FSE 301: Entrepreneurship and Value Creation	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	9		

- Research and prepare for [graduate school](#).
- Develop a [professional profile online](#).

Term 6 - B 87 - 93 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
TMC 320: Funding the Enterprise	3	C	

Literacy and Critical Inquiry (L)	3
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).	
Term hours subtotal:	6

Term 7 - A 93 - 102 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TEM 400: Technology Entrepreneurship	3	C	<ul style="list-style-type: none"> <li>Plan for success using the <a href="#">Senior Guide</a>.</li> <li>Use <a href="#">Handshake</a> to apply for full-time positions.</li> <li>Complete an in person or virtual <a href="#">practice interview</a>.</li> </ul>
TMC 430: Enterprise Strategy and Innovation	3		
Upper Division Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	9		

Term 7 - B 102 - 108 Credit Hours	Hours	Minimum Grade	Notes
TEM 455: Global Impact Entrepreneurship OR OMT 440: International Business (G)	3	C	<ul style="list-style-type: none"> <li>If you are participating or planning on participating in the Thunderbird 4+1 degree, OMT 440 is required.</li> </ul>
Upper Division STEM Elective	3		
Term hours subtotal:	6		

Term 8 - A 108 - 114 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TEM 431: Innovation Management	3	C	
★ TMC 498: Pro-Seminar (L) OR TEM 481: Consulting Project OR TEM 482: Startup Workshop	3	C	
Term hours subtotal:	6		

Term 8 - B 114 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ OMT 430: Ethical Issues in Technology OR OMT 402: Legal Issues for Technologists	3	C	
Upper Division Major Electives	3		
Term hours subtotal:	6		

- Select 12 credit hours of STEM electives from the provided list of subjects, including six upper-division credits. A list of recommended courses are provided on The Polytechnic School Advising Services website; reach out to your advisor for a full list of recommended courses.

Hide Course List(s)/Track Group(s)

Major Elective	STEM Elective 2
CEE OR FSE OR OMT OR TEM OR TMC Elective	AME OR AMT OR AST OR BIO OR BMI OR CAP OR CDH OR CEE OR CHM OR CIS OR CSE OR EEE OR EGR OR ENT OR FIS OR GIT OR GLG OR HSE OR HUL OR IEE OR IGD OR IVD OR MAT OR MFG OR MGT OR OGL OR OMT OR PHY OR PMG OR PSY OR PUP OR SER OR SES OR TGM Elective

Notes:

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.







## 2023 - 2024 Major Map

### Innovation in Society, BA

School/College: College of Global Futures

Location: Tempe

FIFISBA

Term 1 0 - 14 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 FIS 101: SFIS: The ASU Experience	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students</li> <li><b>ASU Language Placement:</b> Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.</li> <li>Join a <b>student club</b> or professional organization.</li> </ul>
 FIS 111: Welcome to the Future	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 142: College Mathematics (MA) OR Mathematics (MA)	3		
Second Language: Requirement satisfied through the following: * Completion of secondary education at a school in which the language of instruction is not English; * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV; * Completion of upper division course(s) taught in a foreign language, taken in the United States or the relevant country.	4	C	
Term hours subtotal:	14		
Term 2 14 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>Create a first draft <b>resume</b>.</li> </ul>
Second Language: Requirement satisfied through the following: * Completion of secondary education at a school in which the language of instruction is not English; * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV; * Completion of upper division course(s) taught in a foreign language, taken in the United States or the relevant country.	4	C	
Computer/Statistics/Quantitative Applications (CS) ( CIS 105 recommended)	3		
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Elective	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		
Term 3 30 - 46 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes



FIS 201: Innovation in Society (H)	3	C
Second Language: Requirement satisfied through the following:		
* Completion of secondary education at a school in which the language of instruction is not English;		
* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV;	4	C
* Completion of upper division course(s) taught in a foreign language, taken in the United States or the relevant country.		
Natural Science - Quantitative (SQ)	4	
Complete 2 courses:		
Elective	5	
Term hours subtotal: 16		

- Secure a part-time job or volunteer experience

Term 4 46 - 60 Credit Hours <b>Critical course signified by</b>	Hours	Minimum Grade	Notes
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FIS 305: Ways of Knowing (L)	3	C
Second Language: Requirement satisfied through the following:		
* Completion of secondary education at a school in which the language of instruction is not English;		
* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV;	4	C
* Completion of upper division course(s) taught in a foreign language, taken in the United States or the relevant country.		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4	
Elective	3	
Term hours subtotal: 14		

- Use Handshake to research employment opportunities.
- Explore an internship

Term 5 60 - 75 Credit Hours <b>Necessary course signified by</b>	Hours	Minimum Grade	Notes
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FIS 307: Navigating Futures (SB)	3	C
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3	
Upper Division Elective	3	
Complete 2 courses:		
Elective	6	
Term hours subtotal: 15		

- Reflect on the skills you have and the skills you think you need.

Term 6 75 - 90 Credit Hours <b>Necessary course signified by</b>	Hours	Minimum Grade	Notes
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FIS 308: Politics, Markets and Innovation (SB)	3	C
FIS Upper Division Elective	3	C
Literacy and Critical Inquiry (L)	3	
Upper Division Elective OR FIS 484: Internship	3	
Elective	3	
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
Term hours subtotal: 15		

- Develop your professional online presence

Term 7 90 - 105 Credit Hours <b>Necessary course signified by</b>	Hours	Minimum Grade	Notes
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★ FIS Upper Division Elective	3	C
Upper Division Related Area Elective	3	C
Social-Behavioral Sciences (SB)	3	
Complete 2 courses:		
Upper Division Elective	6	
Term hours subtotal:	15	

- Gather professional references
- Complete an in person or virtual practice interview

★ Term 8 105 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
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★ FIS 480: Innovation in Society Studio OR FIS 493: Honors Thesis (L)	3	C
Upper Division Related Area Elective	3	C
Complete 3 courses:		
Upper Division Elective	9	
Term hours subtotal:	15	

- FIS 480 may be substituted with a capstone-like course or independent study course with faculty mentor of at least three credits. The substituted course must include demonstration of professional conduct and leadership; development and evaluation of applications and strategies; and written/oral communication of complex ideas to diverse audiences. Substitution must be approved. See advisor for more information.

Hide Course List(s)/Track Group(s)

Upper Division Related Area Electives	Upper Division Related Area Electives (Continued)
AFR 375: Race, Gender and Sport (SB & C)	JMC 313: Introduction to Editing
ASB 300: Food and Culture ((L or SB) & C)	JMC 351: Photojournalism I
ASB 346: Marriage and Family Diversity (SB & C)	JMC 366: Journalism Ethics and Diversity
ASB 443: Cross-Cultural Studies in Global Health ((L or SB) & G)	JUS 303: Justice Theory (L)
ASB 452: Community Partnerships for Global Health (SB)	JUS 320: Community and Social Justice (SB & C)
ASM 414: Urban, Environmental and Health Challenges (SB)	JUS 325: Globalization and Socio-Economic Justice (SB & G)
BIO 311: Biology and Society	JUS 352: The Global Politics of Human Rights (SB & G)
BIO 312: Bioethics (HU)	JUS 445: Surveillance and Society
BIO 320: Fundamentals of Ecology	JUS 456: Human Rights and Sustainability ((L or SB) & G)
BIO 324: Environmental Ethics (HU)	MGT 300: Principles of Management and Leadership
CDE 350: Inequality and Diversity in Education (L & C)	MCO 425: Digital Media Literacy I
CEE 300: Engineering Business Practice (L)	OGI 350: Diversity and Organizations (L & C)
COM 312: Communication, Conflict, and Negotiation	PAF 300: Public Management and Administration
COM 314: Inner-City Families: The Cycle of Poverty	PAF 311: Leadership and Change (SB)

COM 421: Rhetoric of Social Issues (HU)	PHI 306: Applied Ethics (HU)
COM 426: Political Communication (SB)	PHI 329: History of Modern Philosophy (HU & H)
CPI 350: Evaluation of Informatics Systems	PHI 330: Theory of Knowledge (HU)
CPI 360: Decision Making and Problem Solving	POS 443: Topics in Contemporary Political Theory (HU)
ECN 312: Intermediate Microeconomic Theory (SB)	PSY 306: Environmental Psychology (SB)
ECN 355: Economics of Healthcare	PSY 350: Social Psychology (SB)
ECN 445: Environmental Economics	PUP 452: Ethics and Theory in Planning (L)
ENT 305: Principles of Entrepreneurship	PUP 465: Sustainable Urbanism
FAS 332: Human Sexuality (SB)	REL 374: Witchcraft and Heresy in Europe ((L or HU) & H)
FIS 431: Technology, Security and Insecurity in Global Politics	SOC 315: Sociology of Dating, Relationships and Marriage (SB)
FSE 301: Entrepreneurship and Value Creation	SOC 352: Social Change (SB & G & H)
GCU 421: Geography of Arizona and Southwestern United States (SB & C)	SOC 420: Sociology of Religion (L or SB)
GPH 314: Global Change (HU & G)	SOS 315: Energy Policy
HCI 311: Health Innovation: Foundational Concepts	SOS 320: Society and Sustainability (L or SB)
HCI 313: Philosophy of Science in Health Care: Understanding Paradigms of Health and Healing	SOS 321: Policy and Governance in Sustainable Systems
HCI 412: Transforming Health Care: A Systems Perspective for Innovation	SOS 322: International Development and Sustainability
HCI 421: Health Care Policy: The Innovator's View	SOS 327: Sustainable Food and Farms
HCI 425: Facilitating Innovation to Achieve Outcomes	SOS 328: Sustainability and Enterprise
HCI 428: Technology: A Tool to Advance Innovation in Health Care	SWU 349: Stress Management Tools II (SB)
HPS 322: History of Science I (HU & H)	SWU 350: Whole Person Health Across the Lifespan (SB)
HPS 314: Philosophy of Science (HU)	TCL 447: Gender, Culture, and Development ((L or SB) & G)
HPS 340: Biology and Society	TWC 454: Information Technology and Culture (C)
HST 318: History of Engineering ((L or SB) & G)	WST 440: Politics of Women's Health (SB & C)
HST 345: Environmental History (L)	
IAS 410: Evolution of Ideas (L or HU)	
IDS 301: Becoming Interdisciplinary	

**Notes:**

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- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition




General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

2023 - 2024 Major Map  
 Innovation in Society, BA

School/College: [College of Global Futures](#)


Location: [Online ASU Local](#)

FIFISBA

Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ASU 101-ONL: The ASU Experience	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students</li> </ul>
 FIS 111: Welcome to the Future	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 16 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> <li>Join a <a href="#">student club</a> or professional organization.</li> </ul>
MAT 142: College Mathematics (MA) OR Mathematics (MA)	3		
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Term hours subtotal:	9		

Term 2 - A 16 - 23 Credit Hours	Hours	Minimum Grade	Notes
Second Language: Requirement satisfied through the following: * Completion of secondary education at a school in which the language of instruction is not English; * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV; * Completion of upper division course(s) taught in a foreign language, taken in the United States or the relevant country.	4	C	<ul style="list-style-type: none"> <li><b>ASU Language Placement:</b> Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.</li> <li>Create a first draft <a href="#">resume</a>.</li> </ul>
Computer/Statistics/Quantitative Applications (CS) ( CIS 105 recommended)	3		
Term hours subtotal:	7		

Term 2 - B 23 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
Second Language: Requirement satisfied through the following: * Completion of secondary education at a school in which the language of instruction is not English; * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV; * Completion of upper division course(s) taught in a foreign language, taken in the United States or the relevant country.	4	C	

Elective	3
◆ Complete ENG 101 OR ENG 105 OR ENG 107 course(s).	
Term hours subtotal:	7

Term 3 - A 30 - 37 Credit Hours <b>Critical course signified by</b> ◆	Hours	Minimum Grade	Notes
◆ FIS 201: Innovation in Society (H)	3	C	<ul style="list-style-type: none"> <li>Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> </ul>
Second Language: Requirement satisfied through the following: * Completion of secondary education at a school in which the language of instruction is not English;			
* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV;	4	C	
* Completion of upper division course(s) taught in a foreign language, taken in the United States or the relevant country.			
Term hours subtotal:	7		

Term 3 - B 37 - 45 Credit Hours <b>Critical course signified by</b> ◆	Hours	Minimum Grade	Notes
Second Language: Requirement satisfied through the following: * Completion of secondary education at a school in which the language of instruction is not English;			
* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV;	4	C	
* Completion of upper division course(s) taught in a foreign language, taken in the United States or the relevant country.			
Natural Science - Quantitative (SQ)	4		
◆ Complete First-Year Composition requirement.			
◆ Complete Mathematics (MA) requirement.			
Term hours subtotal:	8		

Term 4 - A 45 - 54 Credit Hours <b>Critical course signified by</b> ◆	Hours	Minimum Grade	Notes
◆ FIS 305: Ways of Knowing (L)	3	C	<ul style="list-style-type: none"> <li>Use <b>Handshake</b> to research employment opportunities.</li> <li>Explore an <b>internship</b>.</li> </ul>
Complete 2 courses:	6		
Elective			
Term hours subtotal:	9		

Term 4 - B 54 - 61 Credit Hours	Hours	Minimum Grade	Notes
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Elective	3		
Term hours subtotal:	7		

Term 5 - A 61 - 67 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ FIS 307: Navigating Futures (SB)	3	C	<ul style="list-style-type: none"> <li>Reflect on the <b>skills</b> you have and the skills you think you need.</li> </ul>
Upper Division Elective	3		
Term hours subtotal:	6		

Term 5 - B 67 - 76 Credit Hours	Hours	Minimum Grade	Notes
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		

Complete 2 courses: 6  
 Elective

Term hours subtotal: 9

Term 6 - A 76 - 84 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ FIS Upper Division Elective	3	C	<ul style="list-style-type: none"> <li>Develop your professional online presence</li> </ul>
Literacy and Critical Inquiry (L)	3		
Elective	2		
Term hours subtotal:	8		

Term 6 - B 84 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ FIS 308: Politics, Markets and Innovation (SB)	3	C
Upper Division Elective OR FIS 484: Internship	3	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
Term hours subtotal:	6	

Term 7 - A 90 - 96 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ FIS Upper Division Elective	3	C	<ul style="list-style-type: none"> <li>Gather professional references</li> <li>Complete an in person or virtual practice interview</li> </ul>
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	6		

Term 7 - B 96 - 105 Credit Hours	Hours	Minimum Grade	Notes
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Upper Division Related Area Elective	3	C
Complete 2 courses:	6	
Upper Division Elective		
Term hours subtotal:	9	

Term 8 - A 105 - 111 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ FIS 480: Innovation in Society Studio	3	C	<ul style="list-style-type: none"> <li>FIS 480 may be substituted with a capstone-like course or independent study course with faculty mentor of at least three credits. The substituted course must include demonstration of professional conduct and leadership; development and evaluation of applications and strategies; and written/oral communication of complex ideas to diverse audiences. Substitution must be approved. See advisor for more information.</li> </ul>
Upper Division Elective	3		
Term hours subtotal:	6		

Term 8 - B 111 - 120 Credit Hours	Hours	Minimum Grade	Notes
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Upper Division Related Area Elective	3	C
Complete 2 courses:	6	
Upper Division Elective		
Term hours subtotal:	9	

Hide Course List(s)/Track Group(s)

Upper Division Related Area Electives	Upper Division Related Area Electives (Continued)
AFR 375: Race, Gender and Sport (SB & C)	IDS 301: Becoming Interdisciplinary
ASB 300: Food and Culture ((L or SB) & C)	JUS 303: Justice Theory (L)
ASB 443: Cross-Cultural Studies in Global Health ((L or SB) & G)	JUS 352: The Global Politics of Human Rights (SB & G)
ASB 452: Community Partnerships for Global Health (SB)	MCO 425: Digital Media Literacy I
ASM 414: Urban, Environmental and Health Challenges (SB)	OGL 350: Diversity and Organizations (L & C)
BIO 311: Biology and Society	PAF 300: Public Management and Administration
BIO 312: Bioethics (HU)	PAF 311: Leadership and Change (SB)
BIO 320: Fundamentals of Ecology	PHI 306: Applied Ethics (HU)
BIO 324: Environmental Ethics (HU)	PHI 329: History of Modern Philosophy (HU & H)
CDE 350: Inequality and Diversity in Education (L & C)	PHI 330: Theory of Knowledge (HU)
COM 312: Communication, Conflict, and Negotiation	PSY 306: Environmental Psychology (SB)
ECN 312: Intermediate Microeconomic Theory (SB)	PSY 350: Social Psychology (SB)
ECN 355: Economics of Healthcare	PUP 452: Ethics and Theory in Planning (L)
ENT 305: Principles of Entrepreneurship	PUP 465: Sustainable Urbanism
ENT 360: Entrepreneurship and Value Creation	REL 374: Witchcraft and Heresy in Europe ((L or HU) & H)
FAS 332: Human Sexuality (SB)	SOC 315: Sociology of Dating, Relationships and Marriage (SB)
FSE 301: Entrepreneurship and Value Creation	SOC 352: Social Change (SB & G & H)
GCU 421: Geography of Arizona and Southwestern United States (SB & C)	SOC 420: Sociology of Religion (L or SB)
GPH 314: Global Change (HU & G)	SOS 315: Energy Policy
HCI 311: Health Innovation: Foundational Concepts	SOS 320: Society and Sustainability (L or SB)
HCI 313: Philosophy of Science in Health Care: Understanding Paradigms of Health and Healing	SOS 321: Policy and Governance in Sustainable Systems
HCI 412: Transforming Health Care: A Systems Perspective for Innovation	SOS 322: International Development and Sustainability
HCI 421: Health Care Policy: The Innovator's View	SOS 327: Sustainable Food and Farms
	SOS 328: Sustainability and Enterprise
	SWU 349: Stress Management Tools II (SB)
	SWU 350: Whole Person Health Across the Lifespan (SB)



HCI 425: Facilitating Innovation to Achieve Outcomes

TWC 454: Information Technology and Culture (C)

HCI 428: Technology: A Tool to Advance Innovation in Health Care

HPS 314: Philosophy of Science (HU)

HPS 322: History of Science I (HU & H)

HPS 340: Biology and Society

HST 318: History of Engineering ((L or SB) & G)

HST 345: Environmental History (L)

**Notes:**

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
  - Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.











## 2023 - 2024 Major Map

### Innovation in Society, BS

School/College: College of Global Futures

Location: Tempe

FIFISBS

Term 1 0 - 14 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 FIS 101: SFIS: The ASU Experience	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students</li> <li>Join a <b>student club</b> or professional organization</li> </ul>
 FIS 111: Welcome to the Future	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 170: Precalculus (MA)	3	C	
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	14		
Term 2 14 - 30 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>Create a first draft <b>resume</b></li> </ul>
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Complete 2 courses: Elective	6		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		
Term 3 30 - 45 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 FIS 201: Innovation in Society (H)	3	C	<ul style="list-style-type: none"> <li>Secure a <b>part-time job</b> or <b>volunteer experience</b></li> </ul>
Complete 2 courses: Technical Elective	6	C	
Complete 2 courses: Elective	6		
 Complete First-Year Composition requirement.			
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	15		
Term 4 45 - 60 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes

◆ FIS 305: Ways of Knowing (L)	3	C
STP 226: Elements of Statistics (CS) OR STP 231: Statistics for Life Science (CS) OR SBS 304: Social Statistics I (CS) OR SOC 390: Social Statistics I (CS)	3	C
Technical Elective	3	C
Complete 2 courses: Elective	6	
Term hours subtotal:	15	

- Use Handshake to research employment opportunities
- Explore an internship

Term 5 60 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ FIS 307: Navigating Futures (SB)	3	C
FIS Upper Division Elective	3	C
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3	
Upper Division Elective	3	
Elective	3	
Term hours subtotal:	15	

- Reflect on the skills you have and the skills you think you need

Term 6 75 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ FIS 308: Politics, Markets and Innovation (SB)	3	C
Literacy and Critical Inquiry (L)	3	
Upper Division Elective OR FIS 484: Internship	3	
Complete 2 courses: Elective	6	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
Term hours subtotal:	15	

- Develop your professional online presence

Term 7 90 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ FIS Upper Division Elective	3	C
Upper Division Related Area Elective	3	C
Social-Behavioral Sciences (SB)	3	
Complete 2 courses: Upper Division Elective	6	
Term hours subtotal:	15	

- Gather professional references
- Complete an in person or virtual practice interview

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ FIS 480: Innovation in Society Studio OR FIS 493: Honors Thesis (L)	3	C
Upper Division Related Area Elective	3	C
Complete 3 courses: Upper Division Elective	9	
Term hours subtotal:	15	

- FIS 480 may be substituted with a capstone-like course or independent study course with faculty mentor of at least 3 credits. The substituted course must include demonstration of professional conduct and leadership; development and evaluation of applications and strategies; and written/oral communication of complex ideas to diverse audiences. Substitution must be approved. See advisor for more information.

Hide Course List(s)/Track Group(s)

Technical Elective	Upper Division Related Area Electives	Upper Division Related Area Electives (Continued)
AEE OR AET OR AML OR ASM OR AST OR BIO OR BCH OR BME OR CEE OR CHE OR CNE OR EEE OR EET OR EGR OR FSE OR GLG OR GPH OR IEE OR LSE OR MAE OR MAT OR MBB OR MEE OR MET OR MFG OR MIC OR MSE OR PHS OR PHY OR PLB OR STP Elective	AFR 375: Race, Gender and Sport (SB & C)	JMC 313: Introduction to Editing
	ASB 300: Food and Culture ((L or SB) & C)	JMC 351: Photojournalism I
	ASB 346: Marriage and Family Diversity (SB & C)	JMC 366: Journalism Ethics and Diversity
	ASB 443: Cross-Cultural Studies in Global Health ((L or SB) & G)	JUS 303: Justice Theory (L)
	ASB 452: Community Partnerships for Global Health (SB)	JUS 320: Community and Social Justice (SB & C)
	ASM 414: Urban, Environmental and Health Challenges (SB)	JUS 325: Globalization and Socio-Economic Justice (SB & G)
	BIO 311: Biology and Society	JUS 352: The Global Politics of Human Rights (SB & G)
	BIO 312: Bioethics (HU)	JUS 445: Surveillance and Society
	BIO 320: Fundamentals of Ecology	JUS 456: Human Rights and Sustainability ((L or SB) & G)
	BIO 324: Environmental Ethics (HU)	MCO 425: Digital Media Literacy I
	CDE 350: Inequality and Diversity in Education (L & C)	PAF 300: Public Management and Administration
	CEE 300: Engineering Business Practice (L)	PHI 306: Applied Ethics (HU)
	COM 312: Communication, Conflict, and Negotiation	PHI 329: History of Modern Philosophy (HU & H)
	COM 314: Inner-City Families: The Cycle of Poverty	PHI 330: Theory of Knowledge (HU)
	COM 421: Rhetoric of Social Issues (HU)	POS 443: Topics in Contemporary Political Theory (HU)
	COM 426: Political Communication (SB)	PSY 306: Environmental Psychology (SB)
	CPI 350: Evaluation of Informatics Systems	PSY 350: Social Psychology (SB)
	CPI 360: Decision Making and Problem Solving	PUP 452: Ethics and Theory in Planning (L)
	ECN 312: Intermediate Microeconomic Theory (SB)	PUP 465: Sustainable Urbanism
	ECN 355: Economics of Healthcare	REL 374: Witchcraft and Heresy in Europe ((L or HU) & H)
	ECN 445: Environmental Economics	SOC 315: Sociology of Dating, Relationships and Marriage (SB)
	ENT 305: Principles of Entrepreneurship	SOC 352: Social Change (SB & G & H)
	ENT 360: Entrepreneurship and Value Creation	SOC 420: Sociology of Religion (L or SB)
	FAS 332: Human Sexuality (SB)	SOS 315: Energy Policy
	FIS 431: Technology, Security and Insecurity in Global Politics	SOS 320: Society and Sustainability (L or SB)

FSE 301: Entrepreneurship and Value Creation	SOS 321: Policy and Governance in Sustainable Systems
GCU 421: Geography of Arizona and Southwestern United States (SB & C)	SOS 322: International Development and Sustainability
GPH 314: Global Change (HU & G)	SOS 327: Sustainable Food and Farms
HCI 311: Health Innovation: Foundational Concepts	SOS 328: Sustainability and Enterprise
HCI 313: Philosophy of Science in Health Care: Understanding Paradigms of Health and Healing	SWU 349: Stress Management Tools II (SB)
HCI 412: Transforming Health Care: A Systems Perspective for Innovation	SWU 349: Stress Management Tools II (SB)
HCI 421: Health Care Policy: The Innovator's View	SWU 350: Whole Person Health Across the Lifespan (SB)
HCI 425: Facilitating Innovation to Achieve Outcomes	TCL 447: Gender, Culture, and Development ((L or SB) & G)
HCI 428: Technology: A Tool to Advance Innovation in Health Care	TWC 454: Information Technology and Culture (C)
HPS 314: Philosophy of Science (HU)	WST 440: Politics of Women's Health (SB & C)
HPS 322: History of Science I (HU & H)	
HPS 340: Biology and Society	
HST 318: History of Engineering ((L or SB) & G)	
HST 345: Environmental History (L)	
IAS 410: Evolution of Ideas (L or HU)	
IDS 301: Becoming Interdisciplinary	

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.







## 2023 - 2024 Major Map

### Innovation in Society, BS

School/College: [College of Global Futures](#)

Location: [Online ASU Local](#)

FIFISBS

Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ASU 101-ONL: The ASU Experience	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students</li> <li>Join a <b>student club</b> or professional organization</li> </ul>
 FIS 111: Welcome to the Future	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		
Term 1 - B 7 - 14 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> </ul>
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	7		
Term 2 - A 14 - 20 Credit Hours	Hours	Minimum Grade	Notes
MAT 170: Precalculus (MA)	3	C	<ul style="list-style-type: none"> <li>Create a first draft <b>resume</b></li> </ul>
Elective	3		
Term hours subtotal:	6		
Term 2 - B 20 - 29 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 FIS 201: Innovation in Society (H)	3	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Elective	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	9		
Term 3 - A 29 - 36 Credit Hours	Hours	Minimum Grade	Notes
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		<ul style="list-style-type: none"> <li>Secure a <b>part-time job</b> or <b>volunteer experience</b></li> </ul>
Elective	3		
Term hours subtotal:	7		

Term 3 - B 36 - 45 Credit Hours <b>Critical course signified by</b> ⚠️	Hours	Minimum Grade	Notes
<i>Complete 2 courses:</i>			
Technical Elective	6	C	
Elective	3		
⚠️ Complete First-Year Composition requirement.			
⚠️ Complete Mathematics (MA) requirement.			
Term hours subtotal:	9		
Term 4 - A 45 - 51 Credit Hours	Hours	Minimum Grade	Notes
STP 226: Elements of Statistics (CS) OR STP 231: Statistics for Life Science (CS) OR SOC 390: Social Statistics I (CS)	3	C	<ul style="list-style-type: none"> <li>• Use <b>Handshake</b> to research employment opportunities</li> <li>• Explore an <b>internship</b></li> </ul>
Technical Elective	3	C	
Term hours subtotal:	6		
Term 4 - B 51 - 60 Credit Hours <b>Critical course signified by</b> ⚠️	Hours	Minimum Grade	Notes
⚠️ FIS 305: Ways of Knowing (L)	3	C	
<i>Complete 2 courses:</i>			
Elective	6		
Term hours subtotal:	9		
Term 5 - A 60 - 69 Credit Hours <b>Necessary course signified by</b> ⭐	Hours	Minimum Grade	Notes
⭐ FIS 307: Navigating Futures (SB)	3	C	<ul style="list-style-type: none"> <li>• Reflect on the <b>skills</b> you have and the skills you think you need</li> </ul>
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Elective	3		
Term hours subtotal:	9		
Term 5 - B 69 - 75 Credit Hours <b>Necessary course signified by</b> ⭐	Hours	Minimum Grade	Notes
⭐ FIS Upper Division Elective	3	C	
Elective	3		
Term hours subtotal:	6		
Term 6 - A 75 - 81 Credit Hours <b>Necessary course signified by</b> ⭐	Hours	Minimum Grade	Notes
⭐ FIS 308: Politics, Markets and Innovation (SB)	3	C	<ul style="list-style-type: none"> <li>• Develop your <b>professional online presence</b></li> </ul>
Upper Division Elective	3		
Term hours subtotal:	6		
Term 6 - B 81 - 90 Credit Hours <b>Necessary course signified by</b> ⭐	Hours	Minimum Grade	Notes
Literacy and Critical Inquiry (L)	3		
Upper Division Elective OR FIS 484: Internship	3		
Elective	3		
⭐ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	9		



Term 7 - A 90 - 96 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ FIS Upper Division Elective	3	C	<ul style="list-style-type: none"> <li>• Gather <b>professional references</b></li> <li>• Complete an in person or virtual <b>practice interview</b></li> </ul>
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	6		

Term 7 - B 96 - 105 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Related Area Elective	3	C	
Complete 2 courses:			
Upper Division Elective	6		
Term hours subtotal:	9		

Term 8 - A 105 - 111 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ FIS 480: Innovation in Society Studio	3	C	<ul style="list-style-type: none"> <li>• FIS 480 may be substituted with a capstone-like course or independent study course with faculty mentor of at least three credits. The substituted course must include demonstration of professional conduct and leadership; development and evaluation of applications and strategies; and written/oral communication of complex ideas to diverse audiences. Substitution must be approved. <b>See advisor</b> for more information.</li> </ul>
Upper Division Related Area Elective	3	C	
Term hours subtotal:	6		

Term 8 - B 111 - 120 Credit Hours	Hours	Minimum Grade	Notes
Complete 3 courses:			
Upper Division Elective	9		
Term hours subtotal:	9		

Hide Course List(s)/Track Group(s)

Technical Elective	Upper Division Related Area Electives	Upper Division Related Area Electives (Continued)
AEE OR AET OR AML OR ASM OR AST OR BIO OR BCH OR BME OR CEE OR CHE OR CNE OR EEE OR EET OR EGR OR FSE OR GLG OR GPH OR IEE OR LSE OR MAE OR MAT OR MBB OR MEE OR MET OR MFG OR MIC OR MSE OR PHS OR PHY OR PLB OR STP Elective	AFR 375: Race, Gender and Sport (SB & C)	IDS 301: Becoming Interdisciplinary
	ASB 300: Food and Culture ((L or SB) & C)	JUS 303: Justice Theory (L)
	ASB 443: Cross-Cultural Studies in Global Health ((L or SB) & G)	JUS 352: The Global Politics of Human Rights (SB & G)
	ASB 452: Community Partnerships for Global Health (SB)	MCO 425: Digital Media Literacy I
	ASM 414: Urban, Environmental and Health Challenges (SB)	OGL 350: Diversity and Organizations (L & C)
	BIO 311: Biology and Society	PAF 300: Public Management and Administration
	BIO 312: Bioethics (HU)	PAF 311: Leadership and Change (SB)
	BIO 320: Fundamentals of Ecology	PHI 306: Applied Ethics (HU)
	BIO 324: Environmental Ethics (HU)	

CDE 350: Inequality and Diversity in Education (L & C)	PHI 329: History of Modern Philosophy (HU & H)
COM 312: Communication, Conflict, and Negotiation	PHI 330: Theory of Knowledge (HU)
ECN 312: Intermediate Microeconomic Theory (SB)	PSY 306: Environmental Psychology (SB)
ECN 355: Economics of Healthcare	PSY 350: Social Psychology (SB)
ENT 305: Principles of Entrepreneurship	PUP 452: Ethics and Theory in Planning (L)
ENT 360: Entrepreneurship and Value Creation	PUP 465: Sustainable Urbanism
FAS 332: Human Sexuality (SB)	REL 374: Witchcraft and Heresy in Europe ((L or HU) & H)
FSE 301: Entrepreneurship and Value Creation	SOC 315: Sociology of Dating, Relationships and Marriage (SB)
GCU 421: Geography of Arizona and Southwestern United States (SB & C)	SOC 352: Social Change (SB & G & H)
GPH 314: Global Change (HU & G)	SOC 420: Sociology of Religion (L or SB)
HCI 311: Health Innovation: Foundational Concepts	SOS 315: Energy Policy
HCI 313: Philosophy of Science in Health Care: Understanding Paradigms of Health and Healing	SOS 320: Society and Sustainability (L or SB)
HCI 412: Transforming Health Care: A Systems Perspective for Innovation	SOS 321: Policy and Governance in Sustainable Systems
HCI 421: Health Care Policy: The Innovator's View	SOS 322: International Development and Sustainability
HCI 425: Facilitating Innovation to Achieve Outcomes	SOS 327: Sustainable Food & Farms
HCI 428: Technology: A Tool to Advance Innovation in Health Care	SOS 328: Sustainability and Enterprise
HPS 314: Philosophy of Science (HU)	SWU 349: Stress Management Tools II (SB)
HPS 322: History of Science I (HU & H)	SWU 350: Whole Person Health Across the Lifespan (SB)
HPS 340: Biology and Society	TWC 454: Information Technology and Culture (C)
HST 318: History of Engineering ((L or SB) & G)	
HST 345: Environmental History (L)	

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.






## 2023 - 2024 Major Map






### Sustainability, BA

School/College: [College of Global Futures](#)

Location: [Polytechnic, Tempe](#)

SUSUSTBA

Term 1 0 - 14 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 SOS 101: Introduction to Applied Mathematics for the Life and Social Sciences (MA)	3	C	<ul style="list-style-type: none"> <li>• SOS 191 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>• SOS 201 required of all Sustainability transfer students.</li> <li>• ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a <b>placement or proficiency exam</b>, regardless of prior credit earned. <b>CLEP and AP</b> credit are also viable options for fulfilling the second language requirement.</li> </ul>
SOS 191: Introduction to ASU & SOS for First Year Students OR			
 SOS 201: Introduction to ASU and School of Sustainability for Transfer Students	1	C	
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
SOS 111: Sustainable Cities ((HU or SB) & G)	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
 Minimum 2.50 GPA in SFS and SOS.			
 Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	14		

Term 2 14 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR			<ul style="list-style-type: none"> <li>• Join a <b>student club</b> or professional organization.</li> </ul>
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
SOS 110: Sustainable World (SB)	3	C	
STP 226: Elements of Statistics (CS)	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Complete SOS 110 AND SOS 111 course(s).			
 Minimum 2.50 GPA in SFS and SOS.			
 Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 3 30 - 46 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
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❖ SOS 220: Systems Thinking	3	C
SOS 232: Professional Skills in Sustainability Practice	3	C
Second Language: Requirement satisfied through the following:		
* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C
Literacy and Critical Inquiry (L)	3	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3	
❖ Complete First-Year Composition requirement.		
❖ Minimum 2.50 GPA in SFS and SOS.		
❖ Minimum 2.50 GPA ASU Cumulative.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:		16

- Create a first draft **resume** and start attending sustainability career-related **workshops and lectures**.

<b>Term 4 46 - 60 Credit Hours Critical course signified by ❖</b>	<b>Hours</b>	<b>Minimum Grade</b>	<b>Notes</b>
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SOS 320: Society and Sustainability (L or SB) OR SOS 321: Policy and Governance in Sustainable Systems OR SOS 322: International Development and Sustainability OR SOS 323: Sustainable Urban Dynamics OR SOS 324: Sustainable Energy Technology and Systems OR SOS 325: The Economics of Sustainability OR SOS 326: Sustainable Ecosystems OR SOS 327: Sustainable Food and Farms OR SOS 328: Sustainability and Enterprise OR SOS 465: Sustainable Urbanism	3	C
SOS 231: Careers in Sustainability	1	C
SOS 310: Equity, Justice and Sustainability	3	C
Upper Division Track Required Course	3	C
Second Language: Requirement satisfied through the following:		
* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C
❖ Complete SOS 231 AND SOS 232 course(s).		
❖ Milestone: Select a track.		
❖ Minimum 2.50 GPA in SFS and SOS.		
❖ Minimum 2.50 GPA ASU Cumulative.		
Term hours subtotal:		14

- See track/group notes below for track requirement details.

<b>Term 5 60 - 76 Credit Hours Necessary course signified by ★</b>	<b>Hours</b>	<b>Minimum Grade</b>	<b>Notes</b>
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<i>Complete 2 courses:</i>		
SOS 320: Society and Sustainability (L or SB) OR SOS 321: Policy and Governance in Sustainable Systems OR SOS 322: International Development and Sustainability OR SOS 323: Sustainable Urban Dynamics OR SOS 324: Sustainable Energy Technology and Systems OR SOS 325: The Economics of Sustainability OR SOS 326: Sustainable Ecosystems OR SOS 327: Sustainable Food and Farms OR SOS 328: Sustainability and Enterprise OR SOS 465: Sustainable Urbanism	6	C
SOS 311: Future Thinking and Strategies	3	C
Related Discipline Elective	3	C
Natural Science - Quantitative (SQ)	4	
★ Minimum 2.50 GPA in SFS and SOS.		

- See track/group notes below for track requirement details.
- All students must complete 12 hours of approved Related Discipline courses. A Related Discipline is a concentration outside of Sustainability that augments the student's Sustainability education. **Must see advisor** for approval.
- Meet with the College of Global Futures **Career Advisor** to review your resume.

★ Minimum 2.50 GPA ASU Cumulative.

Term hours subtotal: 16

Term 6 76 - 92 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Track Elective Course	3	C	<ul style="list-style-type: none"> <li>• See track/group notes below for track elective details.</li> <li>• All students must complete 12 hours of approved Related Discipline courses. A Related Discipline is a concentration outside of Sustainability that augments the student's Sustainability education. Must see advisor for approval.</li> <li>• Begin exploring internship opportunities and meet with the College of Global Futures internship advisor to discuss your interests.</li> </ul>
Related Discipline Elective	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
★ Minimum 2.50 GPA in SFS and SOS.			
★ Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:		16	

Term 7 92 - 107 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
Upper Division Related Discipline Elective	3	C	<ul style="list-style-type: none"> <li>• See track/group notes below for upper division track elective details.</li> <li>• All students must complete 12 hours of approved Related Discipline courses. A Related Discipline is a concentration outside of Sustainability that augments the student's Sustainability education. Must see advisor for approval.</li> <li>• Meet with the College of Global Futures career advisor to discuss and refine your career search process.</li> </ul>
Upper Division Track Elective Course	3	C	
Upper Division Elective OR SOS 484: Capstone: Internship	3		
Upper Division Elective	3		
Elective	3		
★ Minimum 2.50 GPA in SFS and SOS.			
★ Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:		15	

Term 8 107 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
SOS 498: Pro-Seminar (L) OR SOS 493: Honors Thesis (L)	3	B-	<ul style="list-style-type: none"> <li>• All students must complete 12 hours of approved Related Discipline courses. A Related Discipline is a concentration outside of Sustainability that augments the student's Sustainability education. See advisor for approval.</li> </ul>
Upper Division Related Discipline Elective	3	C	
SOS Upper Division Elective	3	C	
Upper Division Elective	3		
Elective	1		
★ Minimum 2.50 GPA in SFS and SOS.			
★ Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:		13	

- Sustainability BA students must select one of the following challenge area tracks:
  - Society and Sustainability (SOS 320)
  - Policy and Governance in Sustainable Systems (SOS 321)
  - International Development and Sustainability (SOS 322)
  - Sustainable Urban Dynamics (SOS 323 or SOS 465)

- Students must declare a track by the end of Term 4.
- Students must complete the one required course for their chosen track.
- Students must also complete any additional three track courses for a total of 12 credit hours of track courses. Select from SOS 320, SOS 321, SOS 322, SOS 323, SOS 324, SOS 325, SOS 326, SOS 327, SOS 328, or SOS 465.
- Students must complete two track elective courses from their chosen track. At least one track elective course must be upper division.

Example: If the Society and Sustainability Track is chosen, students must complete SOS 320 and any three additional track courses by the end of Term 5.

More information on BA Tracks can be found [here](#).

Hide Course List(s)/Track Group(s)

International Development and Sustainability Track	Policy and Governance in Sustainable Systems Track	Society and Sustainability Track
<b>Required Course:</b>	<b>Required Course:</b>	<b>Required Course:</b>
SOS 322: International Development and Sustainability	SOS 321: Policy and Governance in Sustainable Systems	SOS 320: Society and Sustainability (L or SB)
<b>Electives:</b>	<b>Electives:</b>	<b>Electives:</b>
AFR 340: The Making of Modern Africa (SB & G & H)	AGB 414: Food and Agribusiness Policy Issues (L)	ASB 202: Immigration and Ethnic Relations in the U.S. (SB & C)
AGB 302: International Management and Agribusiness (G)	ABS 381: Natural Resources Policy	ASB 211: Women in Other Cultures ((HU or SB) & G)
ALT 412: Village Energy Systems	ASB 378: Globalization: Migration, Mass Media, McDonald's ((L or SB) & C)	ASB 311: Principles of Social Anthropology (SB & G & H)
ASB 100: Introduction to Global Health (SB & G)	BIO 412: Conservation in Practice	ASB 326: Human Impacts on Ancient Environments (SB & H)
ASB 378: Globalization: Migration, Mass Media, McDonald's ((L or SB) & C)	ECN 441: Public Economics (SB)	ASB 344: Technology and Society (L or SB)
FIS 337: Innovation and Global Development (G)	GCU 361: Urban Geography (SB)	ASB 370: Ethics of Eating (L or SB)
GCU 364: Energy in the Global Arena (SB & G)	GPH 314: Global Change (HU & G)	BIO 311: Biology and Society
GPH 314: Global Change (HU & G)	HST 345: Environmental History (L)	BIO 434: People and Nature: Ecosystem Services
JUS 325: Globalization and Socio-Economic Justice (SB & G) or SGS 325: Globalization and Socio-Economic Justice (SB & G)	JUS 332: Politics of Energy Policy and Justice	ENG 367: Environmental Issues in Literature and Film (L or HU)
JUS 352: The Global Politics of Human Rights (SB & G)	PAF 300: Public Management and Administration	FIS 111: Welcome to the Future
OMT 440: International Business (G)	PAF 340: Contemporary Policy Challenges	FIS 334: Science, Technology and Inequality (C)
POS 160: Global Politics (SB & G)	PHI 407: Environmental Philosophy and Policy (L or HU)	GCU 350: The Geography of World Crises (SB & G)
POS 300: Contemporary Global Controversies (SB & G)	POS 160: Global Politics (SB & G)	GCU 351: Population Geography (SB & G)
POS 368: Ethics and Human Rights	POS 300: Contemporary Global Controversies (SB & G)	GCU 357: Social Geography (SB)
POS 486: International Political Economy (SB & G)	POS 346: Problems of Democracy (HU)	GCU 441: Economic Geography (SB)
	POS 351: Democratization (SB & G)	GCU 442: Geographical Analysis of Transportation (SB)
	POS 364: National Security, Intelligence, and Terrorism (SB)	GPH 210: Society and Environment (G)
	POS 368: Ethics and Human Rights	

SBS 480: Global Justice (G)	POS 410: Governing American Cities (SB)	JUS 320: Community and Social Justice (SB & C)
SGS 301: Principles of Global Studies (G)	PUP 301: Introduction to Urban Planning (L)	JUS 321: Wealth Distribution and Poverty (SB & C)
SGS 303: Global Trends (SB & G)	PUP 430: Transportation Planning and the Environment	JUS 405: Inequality, Economy and Justice ((L or SB) & G)
SGS 330: Globalization and the Environment: Problems and Solutions	SGS 330: Globalization and the Environment: Problems and Solutions	JUS 430: Social Protest, Conflict, and Change ((L or SB) & C)
SGS 340: Violence, Conflict and Human Rights	SOS 371: Inequality and Sustainability	JUS 444: Environment and Justice (L & C)
SOC 333: Population (SB & G)	STS 325: Science, Technology, and Public Policy (SB)	PSY 306: Environmental Psychology (SB)
SOS 447: Gender, Culture, and Development ((L or SB) & G)	TCL 340: Chicana/o and Latina/o Politics and Policy (L & C)	PSY 350: Social Psychology (SB)
STS 330: Information Technology and Globalization (SB & G)		SGS 330: Globalization and the Environment: Problems and Solutions
STS 332: Global Issues in Science and Technology (SB)		SOC 270: Sociology of Race and Ethnicity (SB & C)
TDM 458: International Tourism (G)		SOC 331: Environmental Sociology (SB & G)
TEM 431: Innovation Management		SOC 332: The Modern City (G)
TEM 450: Design for the Developing World		SOC 334: Technology and Society (L or SB)
TEM 455: Global Impact Entrepreneurship		SOC 352: Social Change (SB & G & H)
WST 378: Global Feminist Theory (L & G)		SOS 309: History and Philosophy of Sustainability or HST 308: History and Philosophy of Sustainability or PHI 322: History and Philosophy of Sustainability
		SOS 447: Gender, Culture, and Development ((L or SB) & G)
		SOS 467: Art and Ecology
		WST 375: Women and Social Change (SB & C)
		WST 380: Race, Gender, and Class (SB & C)
		WST 457: Women, Cultures, and Societies (SB & G)

#### Sustainable Urban Dynamics Track

##### Required Course:

SOS 323: Sustainable Urban Dynamics or  
SOS 465: Sustainable Urbanism

##### Electives:

ABS 260: Fundamentals of Sustainable Horticulture (SG)

ABS 364: Urban Forestry

ALA 100: Introduction to Environmental Design (HU & H & G)



ALA 102: Landscapes and Sustainability (HU & G)

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APH 300: World Architecture I/Western Cultures (HU & H & G)

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ASB 442: Global Cities (SB & G) or SBS 460: Global Cities (SB & G)

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CHE 469: Air Quality Engineering

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GCU 359: Cities of the World I (SB & G & H)

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GCU 361: Urban Geography (SB)

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GCU 425: Geography of the Mexican American Borderland ((L or SB) & G)

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GCU 442: Geographical Analysis of Transportation (SB)

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PAF 220: Introduction to Urban America

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PAF 240: Urban Policy (C)

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PAF 305: Urban Governance

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PAF 351: Urban and Metropolitan Studies

---

PAF 352: Urban Theory

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POS 410: Governing American Cities (SB)

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POS 464: Border Cities: Action Research on Globalization (SB & G)

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PUP 200: Cities in Cinema (HU & H & G)

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PUP 301: Introduction to Urban Planning (L)

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PUP 363: History of Planning

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PUP 410: Public Participation in Planning

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PUP 430: Transportation Planning and the Environment

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SOC 331: Environmental Sociology (SB & G)

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SOS 315: Energy Policy

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SOS 327: Sustainable Food and Farms

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SOS 330: Sustaining the Commons (L)

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SOS 414: Urban and Environmental Health (SB) or ASM 414: Urban, Environmental and Health Challenges (SB)

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STS 325: Science, Technology, and Public Policy (SB)

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**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and

West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>

- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 3.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.












## 2023 - 2024 Major Map

### Sustainability, BA

School/College: [College of Global Futures](#)

Location: [Online ASU Local](#)

SUSUSTBA

Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
SOS 191: Introduction to ASU & SOS for First Year Students OR  SOS 201: Introduction to ASU and School of Sustainability for Transfer Students	1	C	<ul style="list-style-type: none"> <li>SOS 191 or college-specific equivalent First-Year Seminar required of all first-year students</li> <li>SOS 201 required of all Sustainability transfer students</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
SOS 111: Sustainable Cities ((HU or SB) & G)	3	C	
Term hours subtotal:	7		
Term 1 - B 7 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 SOS 101: Introduction to Applied Mathematics for the Life and Social Sciences (MA)	3		<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
 Minimum 2.50 GPA in SOS and SFS.			
 Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	9		
Term 2 - A 16 - 23 Credit Hours	Hours	Minimum Grade	Notes
SOS 110: Sustainable World (SB)	3	C	<ul style="list-style-type: none"> <li>Create a first draft <a href="#">resume</a>.</li> </ul>
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	7		
Term 2 - B 23 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 SOS 220: Systems Thinking	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Complete SOS 110 AND SOS 111 course(s).			
 Minimum 2.50 GPA in SOS and SFS.			

⚠ Minimum 2.50 GPA ASU Cumulative.

Term hours subtotal: 7

Term 3 - A 30 - 37 Credit Hours	Hours	Minimum Grade	Notes
SOS 232: Professional Skills in Sustainability Practice	3	C	• ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a <b>placement or proficiency exam</b> , regardless of prior credit earned. <b>CLEP and AP</b> credit are also viable options for fulfilling the second language requirement. • Develop your <b>skills</b> .
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Term hours subtotal:	7		

Term 3 - B 37 - 44 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
STP 226: Elements of Statistics (CS)	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
⚠ Complete Mathematics (MA) requirement.			
⚠ Minimum 2.50 GPA in SOS and SFS.			
⚠ Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	7		

Term 4 - A 44 - 51 Credit Hours	Hours	Minimum Grade	Notes
SOS 320: Society and Sustainability (L or SB) OR SOS 321: Policy and Governance in Sustainable Systems OR SOS 322: International Development and Sustainability OR SOS 323: Sustainable Urban Dynamics OR SOS 324: Sustainable Energy Technology and Systems OR SOS 325: The Economics of Sustainability OR SOS 326: Sustainable Ecosystems OR SOS 327: Sustainable Food and Farms OR SOS 328: Sustainability and Enterprise OR SOS 465: Sustainable Urbanism	3	C	• See track/group notes below for track requirement details
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Term hours subtotal:	7		

Term 4 - B 51 - 58 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
SOS 320: Society and Sustainability (L or SB) OR SOS 321: Policy and Governance in Sustainable Systems OR SOS 322: International Development and Sustainability OR SOS 323: Sustainable Urban Dynamics OR SOS 324: Sustainable Energy Technology and Systems OR SOS 325: The Economics of Sustainability OR SOS 326: Sustainable Ecosystems OR SOS 327: Sustainable Food and Farms OR SOS 328: Sustainability and Enterprise OR SOS 465: Sustainable Urbanism	3	C	• See track/group notes below for track requirement details
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
⚠ Milestone: Select a track.			

Minimum 2.50 GPA in SOS and SFS.

Minimum 2.50 GPA ASU Cumulative.

Term hours subtotal: 7

Term 5 - A 58 - 65 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ SOS 231: Careers in Sustainability	1	C	<ul style="list-style-type: none"><li>• See track/group notes below for track requirement details.</li><li>• Schedule an appointment with the College of Global Futures <b>career advisor</b> to review your resume.</li></ul>
SOS 320: Society and Sustainability (L or SB) OR SOS 321: Policy and Governance in Sustainable Systems OR SOS 322: International Development and Sustainability OR SOS 323: Sustainable Urban Dynamics OR SOS 324: Sustainable Energy Technology and Systems OR SOS 325: The Economics of Sustainability OR SOS 326: Sustainable Ecosystems OR SOS 327: Sustainable Food and Farms OR SOS 328: Sustainability and Enterprise OR SOS 465: Sustainable Urbanism	3	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	7		




Term 5 - B 65 - 74 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
SOS 311: Future Thinking and Strategies	3	C	<ul style="list-style-type: none"><li>• See track/group notes below for track requirement details</li></ul>
Upper Division Track Required Course	3	C	
Literacy and Critical Inquiry (L)	3		
★ Minimum 2.50 GPA in SOS and SFS.			
★ Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	9		

Term 6 - A 74 - 80 Credit Hours	Hours	Minimum Grade	Notes
SOS 310: Equity, Justice and Sustainability	3	C	<ul style="list-style-type: none"><li>• All students must complete 12 hours of approved Related Discipline courses. A Related Discipline is a concentration outside of Sustainability that augments the student's Sustainability education. Must <b>see advisor</b> for approval.</li><li>• Explore <b>internship opportunities</b> and schedule an appointment with the College of Global Futures internship advisor to discuss your interests.</li></ul>
Related Discipline Elective	3	C	
Term hours subtotal:	6		

Term 6 - B 80 - 89 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
Related Discipline Elective	3	C	<ul style="list-style-type: none"><li>• See lists below for Track Elective options. See advisor to request approval of Track Electives not on the list.</li><li>• All students must complete 12 hours of approved Related Discipline courses. A Related Discipline is a concentration outside of Sustainability that augments the student's Sustainability education. Must <b>see advisor</b> for approval.</li></ul>
Track Elective Course	3	C	
Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
★ Minimum 2.50 GPA in SOS and SFS.			
★ Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	9		

Minimum

Term 7 - A 89 - 98 Credit Hours	Hours	Grade	Notes
Upper Division Related Discipline Elective	3	C	<ul style="list-style-type: none"> <li>• See lists below for Track Elective options. See advisor to request approval of Track Electives not on the list.</li> <li>• All students must complete 12 hours of approved Related Discipline courses. A Related Discipline is a concentration outside of Sustainability that augments the student's Sustainability education. Must <a href="#">see advisor</a> for approval.</li> </ul>
Upper Division Track Elective Course	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	9		

Term 7 - B 98 - 107 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
SOS 498: Pro-Seminar (L)	3	B-	<ul style="list-style-type: none"> <li>• All students must complete 12 hours of approved Related Discipline courses. A Related Discipline is a concentration outside of Sustainability that augments the student's Sustainability education. Must <a href="#">see advisor</a> for approval.</li> </ul>
Upper Division Related Discipline Elective	3	C	
Elective	3		
Term hours subtotal:	9		
 Minimum 2.50 GPA in SOS and SFS.			
 Minimum 2.50 GPA ASU Cumulative.			

Term 8 - A 107 - 113 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Elective OR SOS 484: Capstone: Internship	3		<ul style="list-style-type: none"> <li>• Schedule an appointment with the College of Global Futures <a href="#">career advisor</a> to discuss and refine your career search process.</li> </ul>
Upper Division Elective	3		
Term hours subtotal:	6		

Term 8 - B 113 - 120 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
SOS Upper Division Elective	3	C	
Upper Division Elective	3		
Elective	1		
Term hours subtotal:	7		
 Minimum 2.50 GPA in SOS and SFS.			
 Minimum 2.50 GPA ASU Cumulative.			

- Sustainability BA students must select one of the following challenge area tracks:
  - Society & Sustainability (SOS 320)
  - Policy and Governance in Sustainable Systems (SOS 321)
  - International Development and Sustainability (SOS 322)
  - Sustainable Urban Dynamics (SOS 323 or SOS 465)
- Students must declare a track by the end of Term 4.
- Students must complete the one required track course for their chosen track.
- Students must also complete any additional three track courses for a total of 12 credit hours of track courses. Select from SOS 320, SOS 321, SOS 322, SOS 323, SOS 324, SOS 325, SOS 326, SOS 327, SOS 328, or SOS 465.
- Students must complete two track elective courses from their chosen track. At least one track elective course must be upper division.

Example: If the Society and Sustainability Track is chosen, students must complete SOS 320 and any three additional track courses by the end of Term 5.

More information on BA Tracks can be found [here](#).

Hide Course List(s)/Track Group(s)

International Development and Sustainability Track	Policy and Governance in Sustainable Systems Track	Society and Sustainability Track
<b>Required Course:</b>	<b>Required Course:</b>	<b>Required Course:</b>
SOS 322: International Development and Sustainability	SOS 321: Policy and Governance in Sustainable Systems	SOS 320: Society and Sustainability (L or SB)
<b>Electives:</b>	<b>Electives:</b>	<b>Electives:</b>
AGB 302: International Management and Agribusiness (G)	ASB 378: Globalization: Migration, Mass Media, McDonald's ((L or SB) & C)	ASB 344: Technology and Society (L or SB)
ASB 100: Introduction to Global Health (SB & G)	BIO 412: Conservation in Practice	ASB 370: Ethics of Eating (L or SB)
ASB 378: Globalization: Migration, Mass Media, McDonald's ((L or SB) & C)	ECN 441: Public Economics (SB)	BIO 311: Biology and Society
FIS 337: Innovation and Global Development (G)	GCU 361: Urban Geography (SB)	ENG 367: Environmental Issues in Literature and Film (L or HU)
GPH 314: Global Change (HU & G)	GPH 314: Global Change (HU & G)	FIS 111: Welcome to the Future
JUS 352: The Global Politics of Human Rights (SB & G)	HST 345: Environmental History (L)	FIS 334: Science, Technology and Inequality (C)
OMT 440: International Business (G)	PAF 300: Public Management and Administration	GCU 350: The Geography of World Crises (SB & G)
POS 160: Global Politics (SB & G)	PAF 340: Contemporary Policy Challenges	GCU 351: Population Geography (SB & G)
POS 300: Contemporary Global Controversies (SB & G)	POS 160: Global Politics (SB & G)	GCU 441: Economic Geography (SB)
POS 368: Ethics and Human Rights	POS 300: Contemporary Global Controversies (SB & G)	GCU 442: Geographical Analysis of Transportation (SB)
POS 486: International Political Economy (SB & G)	POS 346: Problems of Democracy (HU)	GPH 210: Society and Environment (G)
SGS 301: Principles of Global Studies (G)	POS 351: Democratization (SB & G)	PSY 306: Environmental Psychology (SB)
SGS 303: Global Trends (SB & G)	POS 364: National Security, Intelligence, and Terrorism (SB)	PSY 350: Social Psychology (SB)
SGS 340: Violence, Conflict and Human Rights	POS 368: Ethics and Human Rights	SOC 270: Sociology of Race and Ethnicity (SB & C)
STS 330: Information Technology and Globalization (SB & G)	PUP 301: Introduction to Urban Planning (L)	SOC 332: The Modern City (G)
STS 332: Global Issues in Science and Technology (SB)	PUP 430: Transportation Planning and the Environment	SOC 334: Technology and Society (L or SB)
TDM 458: International Tourism (G)		SOC 352: Social Change (SB & G & H)
TEM 431: Innovation Management		WST 380: Race, Gender, and Class (SB & C)
TEM 450: Design for the Developing World		
TEM 455: Global Impact Entrepreneurship		
WST 378: Global Feminist Theory (L & G)		

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Sustainable Urban Dynamics Track

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**Required Course:**

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SOS 323: Sustainable Urban Dynamics or  
SOS 465: Sustainable Urbanism

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**Electives:**

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ALA 100: Introduction to Environmental  
Design (HU & H & G)

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GCU 359: Cities of the World I (SB & G & H)

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GCU 361: Urban Geography (SB)

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GCU 442: Geographical Analysis of  
Transportation (SB)

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PUP 200: Cities in Cinema (HU & H & G)

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PUP 301: Introduction to Urban Planning (L)

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PUP 363: History of Planning

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PUP 410: Public Participation in Planning

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PUP 430: Transportation Planning and the  
Environment

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SOS 315: Energy Policy

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SOS 327: Sustainable Food and Farms

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SOS 414: Urban and Environmental Health  
(SB)

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**Notes:**

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
  - Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 3.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)



- Global Awareness (G)
- Historical Awareness (H)

#### First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.






## 2023 - 2024 Major Map






### Sustainability, BS


School/College: [College of Global Futures](#)

Location: [Polytechnic, Tempe](#)

SUSUSTBS

Term 1 0 - 14 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 SOS 101: Introduction to Applied Mathematics for the Life and Social Sciences (MA)	3	C	<ul style="list-style-type: none"> <li>• SOS 191 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>• SOS 201 required of all Sustainability transfer students.</li> <li>• ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a <b>placement or proficiency exam</b>, regardless of prior credit earned. <b>CLEP and AP</b> credit are also viable options for fulfilling the second language requirement.</li> </ul>
SOS 191: Introduction to ASU & SOS for First Year Students OR			
 SOS 201: Introduction to ASU and School of Sustainability for Transfer Students	1	C	
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
SOS 111: Sustainable Cities ((HU or SB) & G)	3	C	
Second Language: Requirement satisfied through the following: * Completion of language course(s) at the 102 level.	4	C	
 Minimum 2.50 GPA in SOS and SFS.			
 Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	14		

Term 2 14 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR			<ul style="list-style-type: none"> <li>• ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a <b>placement or proficiency exam</b>, regardless of prior credit earned. <b>CLEP and AP</b> credit are also viable options for fulfilling the second language requirement.</li> <li>• Join a <b>student club</b> or professional organization.</li> </ul>
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
SOS 110: Sustainable World (SB)	3	C	
SOS 211: Calculus and Probability for the Life and Social Sciences (MA)	3	C	
Second Language: Requirement satisfied through the following: * Completion of language course(s) at the 102 level.	4	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Complete SOS 110 AND SOS 111 course(s).			
 Minimum 2.50 GPA in SOS and SFS.			
 Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 3 30 - 46 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
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❖ SOS 220: Systems Thinking	3	C
SOS 212: Systems, Dynamics and Sustainability	3	C
SOS 232: Professional Skills in Sustainability Practice	3	C
Computer/Statistics/Quantitative Applications (CS)	3	
Natural Science - Quantitative (SQ)	4	
❖ Complete First-Year Composition requirement.		
❖ Minimum 2.50 GPA in SOS and SFS.		
❖ Minimum 2.50 GPA ASU Cumulative.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	16	

- Create a first draft **resume** and start attending sustainability career-related **workshops and lectures**.

Term 4 46 - 63 Credit Hours <b>Critical course signified by</b> ❖	Hours	Minimum Grade	Notes
SOS 320: Society and Sustainability (L or SB) OR SOS 321: Policy and Governance in Sustainable Systems OR SOS 322: International Development and Sustainability OR SOS 323: Sustainable Urban Dynamics OR SOS 324: Sustainable Energy Technology and Systems OR SOS 325: The Economics of Sustainability OR SOS 326: Sustainable Ecosystems OR SOS 327: Sustainable Food and Farms OR SOS 328: Sustainability and Enterprise OR SOS 465: Sustainable Urbanism	3	C	• See track/group notes below for Track requirement details.
SOS 231: Careers in Sustainability	1	C	
SOS 310: Equity, Justice and Sustainability	3	C	
Upper Division Track Required Course	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
❖ Complete SOS 211 AND SOS 212 course(s).			
❖ Complete SOS 231 AND SOS 232 course(s).			
❖ Milestone: Select a track.			
❖ Minimum 2.50 GPA in SOS and SFS.			
❖ Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	17		

Term 5 63 - 78 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
Complete 2 courses: SOS 320: Society and Sustainability (L or SB) OR SOS 321: Policy and Governance in Sustainable Systems OR SOS 322: International Development and Sustainability OR SOS 323: Sustainable Urban Dynamics OR SOS 324: Sustainable Energy Technology and Systems OR SOS 325: The Economics of Sustainability OR SOS 326: Sustainable Ecosystems OR SOS 327: Sustainable Food and Farms OR SOS 328: Sustainability and Enterprise OR SOS 465: Sustainable Urbanism	6	C	• See track/group notes below for Track requirement details. • All students must complete 12 hours of approved Related Discipline courses. A Related Discipline is a concentration outside of Sustainability that augments the student's Sustainability education. Must see <b>advisor</b> for approval. • Meet with the College of Global Futures <b>career advisor</b> to review your resume.
SOS 311: Future Thinking and Strategies	3	C	
Related Discipline Elective	3	C	
Elective	3		
★ Minimum 2.50 GPA in SOS and SFS.			
★ Minimum 2.50 GPA ASU Cumulative.			

Term hours subtotal: 15

Term 6 78 - 93 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
Related Discipline Elective	3	C	<ul style="list-style-type: none"> <li>• See track/group notes below for Track elective details.</li> <li>• All students must complete 12 hours of approved Related Discipline courses. A Related Discipline is a concentration outside of Sustainability that augments the student's Sustainability education. Must <a href="#">see advisor</a> for approval.</li> <li>• Begin <a href="#">exploring internship opportunities</a> and meet with the College of Global Futures internship advisor to discuss your interests.</li> </ul>
Track Elective Course	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Literacy and Critical Inquiry (L)	3		
Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
★ Minimum 2.50 GPA in SOS and SFS.			
★ Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
Upper Division Related Discipline Elective	3	C	<ul style="list-style-type: none"> <li>• See track/group notes below for Track elective details.</li> <li>• All students must complete 12 hours of approved Related Discipline courses. A Related Discipline is a concentration outside of Sustainability that augments the student's Sustainability education. Must <a href="#">see advisor</a> for approval.</li> <li>• Meet with the College of Global Futures career advisor to discuss and refine your <a href="#">career search process</a>.</li> </ul>
Upper Division Track Elective Course	3	C	
Upper Division Elective OR SOS 484: Capstone: Internship	3		
Upper Division Elective	3		
Elective	3		
★ Minimum 2.50 GPA in SOS and SFS.			
★ Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
SOS 498: Pro-Seminar (L) OR SOS 493: Honors Thesis (L)	3	B-	<ul style="list-style-type: none"> <li>• All students must complete 12 hours of approved Related Discipline courses. A Related Discipline is a concentration outside of Sustainability that augments the student's Sustainability education. Must <a href="#">see advisor</a> for approval.</li> </ul>
Upper Division Related Discipline Elective	3	C	
SOS Upper Division Elective	3	C	
Upper Division Elective	3		
★ Minimum 2.50 GPA in SOS and SFS.			
★ Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	12		

- Sustainability BS students must select one of the following challenge area tracks:
  - Sustainable Energy, Materials, and Technology (SOS 324)
  - Economics of Sustainability (SOS 325)
  - Ecosystems Sustainability (SOS 326)
- Students must declare a track by the end of Term 4
- Students must complete the one required track course for their chosen track.
- Students must also complete any additional three track courses for a total of four (12 credit hours) track courses. Select from SOS 320, SOS 321, SOS 322, SOS 323, SOS 324, SOS 325, SOS 326, SOS 327, SOS 328, or SOS 465.

- Students must complete two track elective courses from their chosen track. At least one track elective must be upper division.

Example: If the Economics of Sustainability Track is chosen, students must complete SOS 325 and any three additional track courses by the end of Term 5.

More information on BS Tracks can be found [here](#).

Hide Course List(s)/Track Group(s)

Economics of Sustainability Track	Ecosystems Sustainability Track	Sustainable Energy, Materials, and Technology Track
<b>Required Course:</b>	<b>Required Course:</b>	<b>Required Course:</b>
SOS 325: The Economics of Sustainability	SOS 326: Sustainable Ecosystems	SOS 324: Sustainable Energy Technology and Systems
<b>Electives:</b>	<b>Electives:</b>	<b>Electives:</b>
ASB 316: Money and Culture (L or SB)	ABS 364: Urban Forestry	ALA 100: Introduction to Environmental Design (HU & H & G)
ECN 211: Macroeconomic Principles (SB)	ABS 370: Ecology	ALA 102: Landscapes and Sustainability (HU & G)
ECN 212: Microeconomic Principles (SB)	ABS 430: Watershed Management	ALT 435: Applied Photovoltaics
ECN 306: Survey of International Economics (SB & G)	ABS 481: Riparian and Wetland Restoration	APH 313: History of Architecture I ((L or HU) & G & H)
ECN 312: Intermediate Microeconomic Theory (SB)	BIO 181: General Biology I (SQ)	CEE 400: Earth Systems Engineering and Management ((L or HU) & H)
ECN 313: Intermediate Macroeconomic Theory (SB)	BIO 182: General Biology II (SG)	CHM 107: Chemistry and Society (SQ)
ECN 313: Intermediate Macroeconomic Theory (SB)	BIO 303: Plant Diversity and Evolution (L or SG)	CON 101: Construction and Culture: a Built Environment (HU & H)
ECN 345: Survey of Environmental and Resource Economics	BIO 304: Plants and Civilization (L) or PLB 302: Plants and Civilization (L)	ERM 201: Environmental Management
ECN 360: Economic Development (SB & G)	BIO 308: Plant Physiology	ERM 203: Environmental Regulations
ECN 413: Advanced Honors Macroeconomics	BIO 311: Biology and Society	ERM 302: Water and Wastewater Treatment Technology
ECN 414: Advanced Honors Microeconomics	BIO 313: The Flora of Arizona	ERM 401: Hazardous Waste Management
ECN 425: Introduction to Econometrics	BIO 320: Fundamentals of Ecology	ERM 426: Environmental Issues
ECN 436: International Trade Theory (SB & G)	BIO 322: Conservation of Biodiversity	ERM 428: International Environmental Management (G)
ECN 445: Environmental Economics	BIO 323: Ecosystem Restoration and Management	GCU 364: Energy in the Global Arena (SB & G)
GCU 441: Economic Geography (SB)	BIO 324: Environmental Ethics (HU)	GPH 405: Energy and Environment
JUS 325: Globalization and Socio-Economic Justice (SB & G)	BIO 325: Oceanography or GLG 325: Oceanography	GPH 412: Physical Meteorology
POS 486: International Political Economy (SB & G)	BIO 331: Animal Behavior	HST 302: Energy Transitions and Sustainability
SGS 330: Globalization and the Environment: Problems and Solutions	BIO 370: Vertebrate Zoology	IND 242: Materials and Design
SOS 371: Inequality and Sustainability	BIO 386: General Entomology	SES 141: Energy In Everyday Life (SQ)
	BIO 410: Techniques in Conservation Biology and Ecology (L)	SOS 171: The Thread of Energy (SB & G)
	BIO 411: Quantitative Methods in Conservation and Ecology	
	BIO 412: Conservation in Practice	
	BIO 421: Landscape Ecology	

BIO 423: Population and Community Ecology	SOS 181: Technological, Social, and Sustainable Systems (HU)
BIO 434: People and Nature: Ecosystem Services	SOS 315: Energy Policy
BIO 471: Ornithology	SOS 435: U.S. Energy: Pathways to Sustainability
BIO 472: Mammalogy	SOS 494: Renewable Energy
BIO 474: Herpetology	
CHM 302: Environmental Chemistry	
GLG 110: Dangerous World (SQ & G)	
GPH 314: Global Change (HU & G)	
GPH 381: Geography of Natural Resources (G)	
HST 345: Environmental History (L)	
MIC 205: Microbiology (SG)	
MIC 220: Biology of Microorganisms	
PLB 300: Plant Diversity and Evolution (L or SG)	
PLB 310: The Flora of Arizona	
SCN 301: Ecology and Natural History of the Sonoran Desert (SG)	
SOS 372: Earth Science in Arizona and the Southwest	
SOS 374: Earth's Critical Zone	
SOS 375: Humans and the Environment: What's the Connection? ((L or SB) & G)	
SOS 414: Urban and Environmental Health (SB)	
SOS 429: Human Impacts on Ecosystem Functioning	
SOS 433: Sustainable Water Use	
SOS 476: Earth's Past Climates: The Key to our Sustainable Future	

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Upper Division Hours:** 45 minimum  
**Major GPA:** 3.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.











## 2023 - 2024 Major Map

### Sustainability, BS

School/College: [College of Global Futures](#)

Location: [Online ASU Local](#)

SUSUSTBS

Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
SOS 191: Introduction to ASU & SOS for First Year Students OR  SOS 201: Introduction to ASU and School of Sustainability for Transfer Students	1	C	<ul style="list-style-type: none"> <li>SOS 191 or college-specific equivalent First-Year Seminar is required of all first-year students</li> <li>SOS 201 required of all Sustainability transfer students</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
SOS 111: Sustainable Cities ((HU or SB) & G)	3	C	
Term hours subtotal:	7		
Term 1 - B 7 - 13 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 SOS 101: Introduction to Applied Mathematics for the Life and Social Sciences (MA)	3	C	<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
 Minimum 2.50 GPA in SOS and SFS.			
 Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	6		
Term 2 - A 13 - 22 Credit Hours	Hours	Minimum Grade	Notes
SOS 110: Sustainable World (SB)	3	C	<ul style="list-style-type: none"> <li>Create a first draft <a href="#">resume</a>.</li> </ul>
SOS 211: Calculus and Probability for the Life and Social Sciences (MA)	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	9		
Term 2 - B 22 - 29 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
SOS 212: Systems, Dynamics and Sustainability	3	C	
Natural Science - Quantitative (SQ)	4		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Complete SOS 110 AND SOS 111 course(s).			
 Minimum 2.50 GPA in SOS and SFS.			



⚠ Minimum 2.50 GPA ASU Cumulative.

Term hours subtotal: 7

Term 3 - A 29 - 36 Credit Hours Critical course signified by ⚠	Hours	Minimum Grade	Notes
⚠ SOS 220: Systems Thinking	3	C	<ul style="list-style-type: none"> <li>ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement or proficiency exam, regardless of prior credit earned. CLEP and AP credit are also viable options for fulfilling the second language requirement.</li> <li>Develop your skills.</li> </ul>
Second Language: Requirement satisfied through the following: * Completion of language course(s) at the 102 level.	4	C	
Term hours subtotal:	7		

Term 3 - B 36 - 43 Credit Hours Critical course signified by ⚠	Hours	Minimum Grade	Notes
⚠ SOS 232: Professional Skills in Sustainability Practice	3	C	
Second Language: Requirement satisfied through the following: * Completion of language course(s) at the 102 level.	4	C	
⚠ Complete SOS 211 AND SOS 212 course(s).			
⚠ Minimum 2.50 GPA in SOS and SFS.			
⚠ Minimum 2.50 GPA ASU Cumulative.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	7		

Term 4 - A 43 - 50 Credit Hours	Hours	Minimum Grade	Notes
SOS 320: Society and Sustainability (L or SB) OR SOS 321: Policy and Governance in Sustainable Systems OR SOS 322: International Development and Sustainability OR SOS 323: Sustainable Urban Dynamics OR SOS 324: Sustainable Energy Technology and Systems OR SOS 325: The Economics of Sustainability OR SOS 326: Sustainable Ecosystems OR SOS 327: Sustainable Food and Farms OR SOS 328: Sustainability and Enterprise OR SOS 465: Sustainable Urbanism	3	C	<ul style="list-style-type: none"> <li>See track/group notes below for track requirement details</li> </ul>
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	7		

Term 4 - B 50 - 57 Credit Hours Critical course signified by ⚠	Hours	Minimum Grade	Notes
⚠ SOS 231: Careers in Sustainability	1	C	<ul style="list-style-type: none"> <li>See track/group notes below for track requirement details</li> </ul>
SOS 320: Society and Sustainability (L or SB) OR SOS 321: Policy and Governance in Sustainable Systems OR SOS 322: International Development and Sustainability OR SOS 323: Sustainable Urban Dynamics OR SOS 324: Sustainable Energy Technology and Systems OR SOS 325: The Economics of Sustainability OR SOS 326: Sustainable Ecosystems OR SOS 327: Sustainable Food and Farms OR SOS 328: Sustainability and Enterprise OR SOS 465: Sustainable Urbanism	3	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
⚠ Milestone: Select a track.			
⚠ Minimum 2.50 GPA in SOS and SFS.			
⚠ Minimum 2.50 GPA ASU Cumulative.			

Term hours subtotal: 7

Term 5 - A 57 - 66 Credit Hours	Hours	Minimum Grade	Notes
SOS 320: Society and Sustainability (L or SB) OR SOS 321: Policy and Governance in Sustainable Systems OR SOS 322: International Development and Sustainability OR SOS 323: Sustainable Urban Dynamics OR SOS 324: Sustainable Energy Technology and Systems OR SOS 325: The Economics of Sustainability OR SOS 326: Sustainable Ecosystems OR SOS 327: Sustainable Food and Farms OR SOS 328: Sustainability and Enterprise OR SOS 465: Sustainable Urbanism	3	C	<ul style="list-style-type: none"> <li>• See track/group notes below for track requirement details</li> <li>• Schedule an appointment with the College of Global Futures <b>career advisor</b> to review your resume.</li> </ul>
Upper Division Track Required Course	3	C	
Elective	3		
Term hours subtotal:	9		

Term 5 - B 66 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
SOS 310: Equity, Justice and Sustainability	3	C	<ul style="list-style-type: none"> <li>• See lists below for Track Elective options. See advisor to request approval of Track Electives not on the list.</li> </ul>
Track Elective Course	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		
★ Minimum 2.50 GPA in SOS and SFS.			
★ Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	9		

Term 6 - A 75 - 84 Credit Hours	Hours	Minimum Grade	Notes
SOS 311: Future Thinking and Strategies	3	C	<ul style="list-style-type: none"> <li>• See lists below for Track Elective options. See advisor to request approval of Track Electives not on the list.</li> <li>• All students must complete 12 hours of approved Related Discipline courses. A Related Discipline is a concentration outside of Sustainability that augments the student's Sustainability education. Must <b>see advisor</b> for approval.</li> </ul>
Upper Division Track Elective Course	3	C	
Related Discipline Elective	3	C	
Term hours subtotal:	9		

Term 6 - B 84 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
Related Discipline Elective	3	C	<ul style="list-style-type: none"> <li>• All students must complete 12 hours of approved Related Discipline courses. A Related Discipline is a concentration outside of Sustainability that augments the student's Sustainability education. Must <b>see advisor</b> for approval.</li> <li>• Explore <b>internship opportunities</b> and schedule an appointment with the College of Global Futures internship advisor to discuss your interests.</li> </ul>
Literacy and Critical Inquiry (L)	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
★ Minimum 2.50 GPA in SOS and SFS.			
★ Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	6		

Term 7 - A 90 - 99 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Related Discipline Elective	3	C	<ul style="list-style-type: none"> <li>• All students must complete 12 hours of approved Related Discipline courses. A</li> </ul>

Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3
Elective	3
Term hours subtotal:	9

Related Discipline is a concentration outside of Sustainability that augments the student's Sustainability education. Must [see advisor](#) for approval.

Term 7 - B 99 - 105 Credit Hours <b>Necessary course signified by</b>	Hours	Minimum Grade	Notes
SOS 498: Pro-Seminar (L)	3	B-	<ul style="list-style-type: none"> <li>All students must complete 12 hours of approved Related Discipline courses. A Related Discipline is a concentration outside of Sustainability that augments the student's Sustainability education. Must <a href="#">see advisor</a> for approval.</li> <li>Schedule an appointment with the College of Global Futures <a href="#">career advisor</a> to discuss and refine your career search process.</li> </ul>
Upper Division Related Discipline Elective	3	C	
Minimum 2.50 GPA in SOS and SFS.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	6		

Term 8 - A 105 - 114 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Elective OR SOS 484: Capstone: Internship	3		
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	9		

Term 8 - B 114 - 120 Credit Hours <b>Necessary course signified by</b>	Hours	Minimum Grade	Notes
SOS Upper Division Elective	3	C	
Upper Division Elective	3		
Minimum 2.50 GPA in SOS and SFS.			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	6		

- Sustainability BS students must select one of the following challenge area tracks:
    - Sustainable Energy, Materials, and Technology (SOS 324)
    - Economics of Sustainability (SOS 325)
    - Ecosystems Sustainability (SOS 326)
  - Students must declare a track by the end of Term 4.
  - Students must complete the one required track course for their chosen track.
  - Students must also complete any additional three track courses for a total of four (12 credit hours) track courses. Select from SOS 320, SOS 321, SOS 322, SOS 323, SOS 324, SOS 325, SOS 326, SOS 327, SOS 328, or SOS 465.
  - Students must complete two track elective courses from their chosen track. At least one track elective must be upper division.

Example: If the Economics of Sustainability Track is chosen, students must complete SOS 325 and any three additional track courses by the end of Term 5.

More information on BS Tracks can be found [here](#).

Hide Course List(s)/Track Group(s)

Economics of Sustainability Track	Ecosystems Sustainability Track
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Required Course:	Required Course:	Sustainable Energy, Materials, and Technology Track
SOS 325: The Economics of Sustainability	SOS 326: Sustainable Ecosystems	
Electives:	Electives:	Required Course:
ASB 316: Money and Culture (L or SB)	ABS 370: Ecology	SOS 324: Sustainable Energy Technology and Systems
ECN 211: Macroeconomic Principles (SB)	BIO 181: General Biology I (SQ)	Electives:
ECN 212: Microeconomic Principles (SB)	BIO 182: General Biology II (SG)	ALA 100: Introduction to Environmental Design (HU & H & G)
ECN 306: Survey of International Economics (SB & G)	BIO 304: Plants and Civilization (L)	CHM 107: Chemistry and Society (SQ)
ECN 312: Intermediate Microeconomic Theory (SB)	BIO 311: Biology and Society	HST 302: Energy Transitions and Sustainability
ECN 313: Intermediate Macroeconomic Theory (SB)	BIO 320: Fundamentals of Ecology	SES 141: Energy In Everyday Life (SQ)
ECN 360: Economic Development (SB & G)	BIO 322: Conservation of Biodiversity	SOS 171: The Thread of Energy (SB & G)
ECN 436: International Trade Theory (SB & G)	BIO 324: Environmental Ethics (HU)	SOS 181: Technological, Social, and Sustainable Systems (HU)
GCU 359: Cities of the World I (SB & G & H)	BIO 325: Oceanography or GLG 325: Oceanography	SOS 315: Energy Policy
POS 486: International Political Economy (SB & G)	BIO 331: Animal Behavior	SOS 494: Renewable Energy
	BIO 370: Vertebrate Zoology	
	BIO 410: Techniques in Conservation Biology and Ecology (L)	
	BIO 411: Quantitative Methods in Conservation and Ecology	
	BIO 412: Conservation in Practice	
	BIO 423: Population and Community Ecology	
	GLG 110: Dangerous World (SQ & G)	
	GPH 314: Global Change (HU & G)	
	GPH 381: Geography of Natural Resources (G)	
	HST 345: Environmental History (L)	
	MIC 205: Microbiology (SG)	
	MIC 220: Biology of Microorganisms	
	SOS 414: Urban and Environmental Health (SB)	
	SOS 374: Earth's Critical Zone	
	SOS 375: Humans and the Environment: What's the Connection? ((L or SB) & G)	
	SOS 476: Earth's Past Climates: The Key to our Sustainable Future	

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and

West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>

- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 3.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.






## 2023 - 2024 Major Map






### Sustainable Food Systems, BS


School/College: [College of Global Futures](#)

Location: [Downtown Phoenix, Polytechnic, Tempe](#)

SUSFOSYSBS

Term 1 0 - 14 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 SOS 101: Introduction to Applied Mathematics for the Life and Social Sciences (MA)	3	C	<ul style="list-style-type: none"> <li>• SOS 191 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>• SOS 201 required of all Sustainability transfer students.</li> <li>• ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a <b>placement or proficiency exam</b>, regardless of prior credit earned. <b>CLEP and AP</b> credit are also viable options for fulfilling the second language requirement.</li> </ul>
SOS 191: Introduction to ASU & SOS for First Year Students OR			
 SOS 201: Introduction to ASU and School of Sustainability for Transfer Students	1	C	
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
SOS 111: Sustainable Cities ((HU or SB) & G)	3	C	
Second Language: Requirement satisfied through the following: * Completion of language course(s) at the 102 level.	4	C	
 Minimum 2.50 GPA in SFS and SOS.			
 Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	14		

Term 2 14 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR			<ul style="list-style-type: none"> <li>• ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a <b>placement or proficiency exam</b>, regardless of prior credit earned. <b>CLEP and AP</b> credit are also viable options for fulfilling the second language requirement.</li> <li>• Join a <b>student club</b> or professional organization.</li> </ul>
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
SOS 110: Sustainable World (SB)	3	C	
SOS 211: Calculus and Probability for the Life and Social Sciences (MA)	3	C	
Second Language: Requirement satisfied through the following: * Completion of language course(s) at the 102 level.	4	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Complete SOS 110 AND SOS 111 course(s).			
 Minimum 2.50 GPA in SFS and SOS.			
 Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 3 30 - 46 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
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❖ SOS 220: Systems Thinking	3	C
CHM 101: Introductory Chemistry (SQ) OR CHM 113: General Chemistry I (SQ) OR CHM 114: General Chemistry for Engineers (SQ)	4	
SFS 215: Fundamentals of Sustainable Food Systems (L)	3	C
SOS 212: Systems, Dynamics and Sustainability	3	C
Computer/Statistics/Quantitative Applications (CS)	3	
❖ Complete First-Year Composition requirement.		
❖ Minimum 2.50 GPA in SFS and SOS.		
❖ Minimum 2.50 GPA ASU Cumulative.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	16	

- Create a first draft **resume**.
- Start attending sustainability career-related **workshops and lectures**.

Term 4 46 - 60 Credit Hours Critical course signified by ❖	Hours	Minimum Grade	Notes
NTR 241: Human Nutrition	3	C	
SFS 216: The Sustainable Plate	3	C	
SOS 182: Water Planet (SQ)	4	C	
SOS 231: Careers in Sustainability	1	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
❖ Complete SFS 215 AND SFS 216 course(s).			
❖ Complete SOS 211 AND SOS 212 course(s).			
❖ Minimum 2.50 GPA in SFS and SOS.			
❖ Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	14		

Term 5 60 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
SOS 310: Equity, Justice and Sustainability	3	C	
SOS 311: Future Thinking and Strategies	3	C	
SOS 326: Sustainable Ecosystems	3	C	
SOS 327: Sustainable Food and Farms	3	C	
Skills Elective	3	C	
★ Minimum 2.50 GPA in SFS and SOS.			
★ Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	15		

- Meet with a **College of Global Futures Career Advisor** to review your resume.

Term 6 75 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
Upper Division Focus Area Course	3	C	
Focus Area Course	3	C	
Skills Elective	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
★ Minimum 2.50 GPA in SFS and SOS.			

- Students will select one focus area and complete 12 credit hours of courses from that area. Students may also talk with their academic advisor to craft a unique focus area.
- Begin exploring internship opportunities and start learning more about the **capstone internship** requirement.

★ Minimum 2.50 GPA ASU Cumulative.

Term hours subtotal: 15

Term 7 90 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
SFS 484: Capstone: Internship OR SOS 484: Capstone: Internship	4	B-	<ul style="list-style-type: none"> <li>Students will select one focus area and complete 12 credit hours of courses from that area. Students may also talk with their academic advisor to craft a unique focus area.</li> <li>Meet with a College of Global Futures Career Advisor to discuss and refine your <b>career search process</b>.</li> </ul>
Upper Division Focus Area Course	3	C	
Complete 2 courses:	5		
Upper Division Elective			
Elective	3		

★ Minimum 2.50 GPA in SFS and SOS.

★ Minimum 2.50 GPA ASU Cumulative.

Term hours subtotal: 15

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
SFS 498: Pro-Seminar (L)	3	B-	<ul style="list-style-type: none"> <li>Students will select one focus area and complete 12 credit hours of courses from that area. Students may also talk with their academic advisor to craft a unique focus area.</li> </ul>
Upper Division Focus Area Course	3	C	
Complete 3 courses:	9		
Upper Division Elective			

★ Minimum 2.50 GPA in SFS and SOS.

★ Minimum 2.50 GPA ASU Cumulative.

Term hours subtotal: 15

- Students must select one of the following focus areas:
    - Procurement
    - Ecosystem Science
    - Business & Innovation
    - Educational Leadership
    - Global Engagement
    - Policy & Governance
    - Public Health & Nutrition
  - Students must declare a focus area by the end of Term 4.

Hide Course List(s)/Track Group(s)

Skills Electives	Procurement	Ecosystem Science
AME 130: Prototyping Dreams (L)	AGB 250: Economics of Resource Allocation: Food and Agriculture	ABS 207: Applied Plant Taxonomy
CIS 105: Computer Applications and Information Technology (CS)	AGB 425: Food Supply Networks	ABS 260: Fundamentals of Sustainable Horticulture (SG)
CIS 300: Web Design and Development	AGB 435: Commodity Futures and Options Markets	ABS 270: Sustainable Biological Systems
COM 225: Public Speaking (L)	AGB 445: Food Retailing	ABS 314: Applied Plant Physiology
COM 459: Theory and Methods of Social Media Networks	AGB 456: Food Product Innovation and Development	ABS 318: Unseen Life on Earth
ECN 211: Macroeconomic Principles (SB)	AGB 481: Strategic Pricing in Food Markets	ABS 368: Plant Propagation
ECN 212: Microeconomic Principles (SB)		ABS 370: Ecology



ENG 216: Persuasive Writing on Public Issues (L)	NTR 142: Applied Food Principles	ABS 380: Restoration and Wildlife Plants
FIS 305: Ways of Knowing (L)	NTR 343: Food Service Purchasing	ABS 394: Food and Human Health
GIS 205: Geographic Information Science I (CS)	NTR 344: Nutrition Management and Leadership (L)	ABS 452: Commercial Applications of Fermentation
GIS 211: Geographic Information Science II (CS)	NTR 445: Management of Food Service Systems	ABS 460: Organic Gardening
MGT 430: Negotiations	NTR 455: Retail Food Service Operations	ABS 464: Desert Horticulture
NLM 300: Fund Raising and Resource Development	SOS 328: Sustainability and Enterprise	BIO 100: The Living World (SQ) or BIO 181: General Biology I (SQ)
SOS 232: Professional Skills in Sustainability Practice	SOS 485: Business and Sustainability II or SCM 485: Business and Sustainability II	BIO 108: Concepts in Plant Biology (SQ)
SST 220: Introduction to Social Transformation	SOS 498: Interventions on Sustainable Consumption on Campus (L)	BIO 130: Introduction to Environmental Science (SQ)
	SOS 498: Sustainable Food Economy (L)	BIO 182: General Biology II (SG)
	TDM 481: Sustainable Food Management in Tourism	BIO 304: Plants and Civilization (L)
		BIO 320: Fundamentals of Ecology
		BIO 322: Conservation of Biodiversity
		BIO 386: General Entomology
		BIO 418: Soil Ecology
		BIO 434: People and Nature: Ecosystem Services
		CEE 181: Technological, Social, and Sustainable Systems (HU)
		PLB 302: Plants and Civilization (L)
		SES 106: Habitable Worlds (SQ)
		SOS 314: Basic Energy Science
		SOS 429: Human Impacts on Ecosystem Functioning or BIO 429: Human Impacts on Ecosystem Functioning

Business & Innovation (at least 2 courses must be from AGB, BUS, CIS, ECN, ENT, MGT, MKT or SCM)	Educational Leadership	Global Engagement
AGB 100: Introduction to Agribusiness	CDE 232: Human Development (SB)	AGB 302: International Management and Agribusiness (G)
AGB 250: Economics of Resource Allocation: Food and Agriculture	CDE 337: Early Childhood Intervention	AGB 452: Global Food and Agricultural Trade
AGB 302: International Management and Agribusiness (G)	ECD 211: The Developing Child: Theory into Practice, Prenatal-Grade 3 (SB)	AIS 180: Introduction to American Indian Studies (C)
AGB 321: Agribusiness Marketing	ECD 220: Introduction to Nutrition, Health and Safety	AIS 320: American Indian Philosophies and World Views (HU & C)
AGB 333: Agribusiness Finance	EDP 310: Children and Poverty (SB)	AIS 480: Actualizing Decolonization (HU & C & G)
AGB 366: Agribusiness Production Technologies	EDP 310: Developing as a Leader (SB)	ASB 305: Poverty and Global Health ((L or SB) & G)
AGB 414: Food and Agribusiness Policy Issues (L)	EDP 310: Educational Psychology for Non-Teachers (SB)	GCU 121: World Geography (SB & G)
	EDP 310: Motivation (SB)	

AGB 420: Food Advertising and Promotion	EDP 310: Multicultural Issues (SB)	GCU 432: Geography of China (SB & G)
AGB 425: Food Supply Networks	HEP 102: Foundations of Health Education and Health Promotion	JHR 305: Theory and Practice of Social Justice and Human Rights (SB & G)
AGB 435: Commodity Futures and Options Markets	NTR 343: Food Service Purchasing	JHR 484: Human Trafficking
AGB 445: Food Retailing	NTR 344: Nutrition Management and Leadership (L)	POS 160: Global Politics (SB & G)
AGB 452: Global Food and Agricultural Trade	NTR 445: Management of Food Service Systems	POS 240: Introduction to Southeast Asia ((HU or SB) & G)
AGB 456: Food Product Innovation and Development	OGL 200: Introduction to Organizational Leadership (SB)	POS 260: Current Issues in International Politics ((L or SB) & G)
AGB 481: Strategic Pricing in Food Markets	OGL 220: Behavioral Dynamics in Organizations (SB)	POS 300: Contemporary Global Controversies (SB & G)
BUS 424: Sales and Negotiations	OGL 260: Resource Allocation in Organizations	POS 348: Do You Want to Build a Nation? (L)
BUS 434: Business Risk Management	OGL 355: Leading Organizational Innovation and Change	POS 367: World Politics and Global Inequalities (G)
ENT 305: Principles of Entrepreneurship	SCN 209: Introduction to Environmental Education Project	POS 454: Mexico (SB & G)
ENT 340: Creativity and Innovation (L or HU)	SCN 300: Foundations of Environmental Education	POS 480: Global Justice (G)
ENT 360: Entrepreneurship and Value Creation	SCN 301: Ecology and Natural History of the Sonoran Desert (SG)	SGS 203: Contemporary Global Trends (SB & G)
FIS 308: Politics, Markets and Innovation (SB)	SCN 302: Environmental Education: A Global Perspective (L & G)	SOS 322: International Development and Sustainability
MKT 300: Marketing and Business Performance	TEL 111: Exploration of Education (SB)	SOS 456: Human Rights and Sustainability ((L or SB) & G)
MKT 390: Essentials of Marketing	TEL 215: Introduction to Child and Adolescent Development (SB)	STS 329: Technology in Developing Countries (SB & G)
MKT 391: Essentials of Selling	TEL 405: History of Education and Policy Reform in the United States	STS 332: Global Issues in Science and Technology (SB)
MKT 395: Essentials of Advertising and Marketing Communication	USL 210: Service Learning: Intro to Diverse Community Issues (L & C)	TEM 450: Design for the Developing World
MKT 435: Entrepreneurial Marketing	USL 402: Service Learning: Education & Youth (C)	
NTR 343: Food Service Purchasing		
NTR 455: Retail Food Service Operations		
SOS 328: Sustainability and Enterprise		
SOS 385: Business and Sustainability I or SCM 385: Business and Sustainability I		
SOS 485: Business and Sustainability II or SCM 485: Business and Sustainability II		
STS 329: Technology in Developing Countries (SB & G)		
TDM 481: Sustainable Food Management in Tourism		
TEM 455: Global Impact Entrepreneurship		
<b>Policy &amp; Governance</b>	<b>Public Health &amp; Nutrition</b>	
AGB 414: Food and Agribusiness Policy Issues (L)	AGB 414: Food and Agribusiness Policy Issues (L)	

AGB 452: Global Food and Agricultural Trade	AGB 420: Food Advertising and Promotion
JUS 214: The Pursuit of Justice in the 21st Century (SB)	AGB 425: Food Supply Networks
PAF 201: Economics and Public Policy (SB)	ASB 100: Introduction to Global Health (SB & G)
PAF 340: Contemporary Policy Challenges	ASB 301: Global History of Health (SB & G & H) or SSH 301: Global History of Health (SB & G & H) or HST 301: Global History of Health (SB & G & H)
PAF 420: Managing Across Boundaries	
POS 216: State and Local Government (SB)	ASB 305: Poverty and Global Health ((L or SB) & G)
POS 230: Current Issues in National Politics (L or SB)	
POS 310: American National Government (SB)	ASB 443: Cross-Cultural Studies in Global Health ((L or SB) & G) or SSH 403: Cross-Cultural Studies in Global Health ((L or SB) & G)
POS 313: The Congress (SB)	
POS 325: Public Policy Development (SB)	BIO 100: The Living World (SQ) or BIO 181: General Biology I (SQ)
POS 333: Interest Groups (SB)	BIO 182: General Biology II (SG)
POS 417: Arizona Politics (SB)	HCI 311: Health Innovation: Foundational Concepts
POS 471: Constitutional Law I (SB)	HCR 230: Culture and Health (C & G)
POS 472: Constitutional Law II (SB)	HSC 355: Eating for Lifelong Health (SB)
POS 480: Global Justice (G)	NTR 142: Applied Food Principles
SOS 321: Policy and Governance in Sustainable Systems	NTR 320: History of Human Nutrition (H)
SOS 322: International Development and Sustainability	NTR 343: Food Service Purchasing
SOS 456: Human Rights and Sustainability ((L or SB) & G)	NTR 344: Nutrition Management and Leadership (L)
	NTR 348: Cultural Aspects of Food (SB & C & G)
	NTR 351: Nutrition Communication (L)
	NTR 353: The Western Diet
	NTR 445: Management of Food Service Systems
	NTR 448: Community Nutrition (L)
	NTR 450: Nutrition in the Life Cycle (SB)
	NTR 455: Retail Food Service Operations
	PBH 422: Health Disparities and Access to Health
	POP 100: Introduction to Population Health
	SOS 370: Ethics of Eating (L or SB)

**Notes:**

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- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.










## 2023 - 2024 Major Map

### Sustainable Food Systems, BS

School/College: [College of Global Futures](#)

Location: [Online ASU Local](#)

SUSFOSYSBS

Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
SOS 191: Introduction to ASU & SOS for First Year Students OR  SOS 201: Introduction to ASU and School of Sustainability for Transfer Students	1	C	<ul style="list-style-type: none"> <li>SOS 191 or college-specific equivalent First-Year Seminar is required of all first-year students</li> <li>SOS 201 required of all Sustainability transfer students</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
SOS 111: Sustainable Cities ((HU or SB) & G)	3	C	
Term hours subtotal:	7		
Term 1 - B 7 - 13 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 SOS 101: Introduction to Applied Mathematics for the Life and Social Sciences (MA)	3	C	<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
 Minimum 2.50 GPA in SOS and SFS.			
 Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	6		
Term 2 - A 13 - 22 Credit Hours	Hours	Minimum Grade	Notes
SOS 110: Sustainable World (SB)	3	C	<ul style="list-style-type: none"> <li>Create a first draft <a href="#">resume</a>.</li> </ul>
SOS 211: Calculus and Probability for the Life and Social Sciences (MA)	3	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	9		
Term 2 - B 22 - 29 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
CHM 101: Introductory Chemistry (SQ) OR CHM 113: General Chemistry I (SQ) OR CHM 114: General Chemistry for Engineers (SQ)	4	C	
SOS 212: Systems, Dynamics and Sustainability	3	C	
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Complete SOS 110 AND SOS 111 course(s).			

◆ Minimum 2.50 GPA in SOS and SFS.

◆ Minimum 2.50 GPA ASU Cumulative.

Term hours subtotal: 7

Term 3 - A 29 - 38 Credit Hours Critical course signified by ◆	Hours	Minimum Grade	Notes
◆ SOS 220: Systems Thinking	3	C	
NTR 241: Human Nutrition	3	C	
SFS 215: Fundamentals of Sustainable Food Systems (L)	3	C	
Term hours subtotal:	9		

Term 3 - B 38 - 47 Credit Hours Critical course signified by ◆	Hours	Minimum Grade	Notes
◆ Computer/Statistics/Quantitative Applications (CS)	3		
SFS 216: The Sustainable Plate	3	C	
Skills Elective	3	C	
◆ Complete First-Year Composition requirement.			
◆ Complete SOS 211 AND SOS 212 course(s).			
◆ Minimum 2.50 GPA in SOS and SFS.			
◆ Minimum 2.50 GPA ASU Cumulative.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	9		

Term 4 - A 47 - 55 Credit Hours	Hours	Minimum Grade	Notes
SOS 231: Careers in Sustainability	1	C	
Second Language: Requirement satisfied through the following: * Completion of language course(s) at the 102 level.	4	C	• ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement or proficiency exam, regardless of prior credit earned. CLEP and AP credit are also viable options for fulfilling the second language requirement.
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	8		

Term 4 - B 55 - 63 Credit Hours Critical course signified by ◆	Hours	Minimum Grade	Notes
SOS 182: Water Planet (SQ)	4	C	
Second Language: Requirement satisfied through the following: * Completion of language course(s) at the 102 level.	4	C	
◆ Complete SFS 215 AND SFS 216 course(s).			
◆ Minimum 2.50 GPA in SOS and SFS.			
◆ Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	8		

Term 5 - A 63 - 72 Credit Hours	Hours	Minimum Grade	Notes
SOS 310: Equity, Justice and Sustainability	3	C	• Students will select one focus area and complete 12 credit hours of courses from that area. Students may also talk with their academic advisor to craft a unique focus area.
SOS 326: Sustainable Ecosystems	3	C	
Focus Area Course	3	C	
Term hours subtotal:	9		

- Schedule an appointment with a College of Global Futures Career Advisor to review your resume.

Term 5 - B 72 - 81 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
SOS 311: Future Thinking and Strategies	3	C	
SOS 327: Sustainable Food and Farms	3	C	
Skills Elective	3	C	
★ Minimum 2.50 GPA in SOS and SFS.			
★ Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	9		

Term 6 - A 81 - 90 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Focus Area Course	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Elective	3		
Term hours subtotal:	9		<ul style="list-style-type: none"> <li>• Students will select one focus area and complete 12 credit hours of courses from that area. Students may also talk with their academic advisor to craft a unique focus area.</li> </ul>

Term 6 - B 90 - 96 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
Elective	3		
Upper Division Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
★ Minimum 2.50 GPA in SOS and SFS.			
★ Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	6		<ul style="list-style-type: none"> <li>• Begin exploring internship opportunities and start learning more about the capstone internship requirement.</li> </ul>

Term 7 - A 96 - 103 Credit Hours	Hours	Minimum Grade	Notes
SFS 484: Capstone: Internship OR SOS 484: Capstone: Internship	4	B-	
Upper Division Focus Area Course	3	C	
Term hours subtotal:	7		<ul style="list-style-type: none"> <li>• Students will select one focus area and complete 12 credit hours of courses from that area. Students may also talk with their academic advisor to craft a unique focus area.</li> </ul>

Term 7 - B 103 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
Upper Division Elective	2		
Elective	3		
★ Minimum 2.50 GPA in SOS and SFS.			
★ Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	5		<ul style="list-style-type: none"> <li>• Schedule an appointment with a College of Global Futures Career Advisor to discuss and refine your career search process.</li> </ul>

Term 8 - A 108 - 114 Credit Hours	Hours	Minimum Grade	Notes
SFS 498: Pro-Seminar (L)	3	B-	
Upper Division Focus Area Course	3	C	
Term hours subtotal:	6		<ul style="list-style-type: none"> <li>• Students will select one focus area and complete 12 credit hours of courses from that</li> </ul>

Term hours subtotal: 6

area. Students may also talk with their academic advisor to craft a unique focus area.

Term 8 - B 114 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Elective	6		
★ Minimum 2.50 GPA in SOS and SFS.			
★ Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	6		

- Students must select one of the following focus areas:
  - Procurement
  - Ecosystem Science
  - Business & Innovation
  - Educational Leadership
  - Global Engagement
  - Policy & Governance
  - Public Health & Nutrition
- Students must declare a focus area by the end of Term 4.

Hide Course List(s)/Track Group(s)

Skills Electives	Procurement	Ecosystem Science
CIS 105: Computer Applications and Information Technology (CS)	AGB 250: Economics of Resource Allocation: Food and Agriculture	ABS 270: Sustainable Biological Systems
CIS 300: Web Design and Development	AGB 425: Food Supply Networks	BIO 100: The Living World (SQ) or BIO 181: General Biology I (SQ)
COM 225: Public Speaking (L)	AGB 435: Commodity Futures and Options Markets	BIO 108: Concepts in Plant Biology (SQ)
ECN 211: Macroeconomic Principles (SB)	AGB 445: Food Retailing	BIO 130: Introduction to Environmental Science (SQ)
ECN 212: Microeconomic Principles (SB)	AGB 456: Food Product Innovation and Development	BIO 182: General Biology II (SG)
ENG 216: Persuasive Writing on Public Issues (L)	AGB 481: Strategic Pricing in Food Markets	BIO 304: Plants and Civilization (L)
GIS 205: Geographic Information Science I (CS)	NTR 142: Applied Food Principles	BIO 320: Fundamentals of Ecology
GIS 211: Geographic Information Science II (CS)	NTR 343: Food Service Purchasing	BIO 322: Conservation of Biodiversity
MGT 430: Negotiations	NTR 344: Nutrition Management and Leadership (L)	PLB 302: Plants and Civilization (L)
SOS 232: Professional Skills in Sustainability Practice	NTR 445: Management of Food Service Systems	SES 106: Habitable Worlds (SQ)
	NTR 455: Retail Food Service Operations	SOS 314: Basic Energy Science
	SOS 328: Sustainability and Enterprise	
	SOS 485: Business and Sustainability II or SCM 485: Business and Sustainability II	



	SOS 498: Interventions on Sustainable Consumption on Campus (L)	
	SOS 498: Sustainable Food Economy (L)	
<b>Business &amp; Innovation (at least 2 courses must be from AGB, BUS, CIS, ECN, ENT, MGT, MKT or SCM)</b>	<b>Educational Leadership</b>	<b>Global Engagement</b>
AGB 250: Economics of Resource Allocation: Food and Agriculture	CDE 232: Human Development (SB)	AGB 302: International Management and Agribusiness (G)
AGB 302: International Management and Agribusiness (G)	ECD 220: Introduction to Nutrition, Health and Safety	ASB 305: Poverty and Global Health ((L or SB) & G)
AGB 420: Food Advertising and Promotion	EDP 310: Children and Poverty (SB)	GCU 121: World Geography (SB & G)
AGB 425: Food Supply Networks	EDP 310: Developing as a Leader (SB)	GCU 432: Geography of China (SB & G)
AGB 435: Commodity Futures and Options Markets	EDP 310: Educational Psychology for Non-Teachers (SB)	POS 160: Global Politics (SB & G)
AGB 445: Food Retailing	EDP 310: Motivation (SB)	POS 240: Introduction to Southeast Asia ((HU or SB) & G)
AGB 456: Food Product Innovation and Development	EDP 310: Multicultural Issues (SB)	POS 260: Current Issues in International Politics ((L or SB) & G)
AGB 481: Strategic Pricing in Food Markets	HEP 102: Foundations of Health Education and Health Promotion	POS 300: Contemporary Global Controversies (SB & G)
ENT 360: Entrepreneurship and Value Creation	NTR 343: Food Service Purchasing	POS 348: Do You Want to Build a Nation? (L)
MKT 300: Marketing and Business Performance	NTR 344: Nutrition Management and Leadership (L)	SOS 322: International Development and Sustainability
MKT 390: Essentials of Marketing	NTR 445: Management of Food Service Systems	STS 329: Technology in Developing Countries (SB & G)
MKT 391: Essentials of Selling	OGL 200: Introduction to Organizational Leadership (SB)	STS 332: Global Issues in Science and Technology (SB)
NTR 343: Food Service Purchasing	OGL 220: Behavioral Dynamics in Organizations (SB)	TEM 450: Design for the Developing World
NTR 455: Retail Food Service Operations	OGL 260: Resource Allocation in Organizations	
SOS 328: Sustainability and Enterprise	OGL 355: Leading Organizational Innovation and Change	
SOS 385: Business and Sustainability I or SCM 385: Business and Sustainability I	SCN 300: Foundations of Environmental Education	
SOS 485: Business and Sustainability II or SCM 485: Business and Sustainability II	TEL 111: Exploration of Education (SB)	
STS 329: Technology in Developing Countries (SB & G)	TEL 215: Introduction to Child and Adolescent Development (SB)	
TDM 481: Sustainable Food Management in Tourism	TEL 405: History of Education and Policy Reform in the United States	
TEM 455: Global Impact Entrepreneurship	USL 210: Service Learning: Intro to Diverse Community Issues (L & C)	
<b>Policy &amp; Governance</b>	<b>Public Health &amp; Nutrition</b>	
JUS 214: The Pursuit of Justice in the 21st Century (SB)	AGB 420: Food Advertising and Promotion	
PAF 201: Economics and Public Policy (SB)	AGB 425: Food Supply Networks	

PAF 340: Contemporary Policy Challenges	ASB 100: Introduction to Global Health (SB & G)
PAF 420: Managing Across Boundaries	
POS 216: State and Local Government (SB)	ASB 301: Global History of Health (SB & G & H) or SSH 301: Global History of Health (SB & G & H) or HST 301: Global History of Health (SB & G & H)
POS 310: American National Government (SB)	
POS 313: The Congress (SB)	ASB 305: Poverty and Global Health ((L or SB) & G)
POS 325: Public Policy Development (SB)	
POS 333: Interest Groups (SB)	ASB 443: Cross-Cultural Studies in Global Health ((L or SB) & G) or SSH 403: Cross-Cultural Studies in Global Health ((L or SB) & G)
POS 471: Constitutional Law I (SB)	
POS 472: Constitutional Law II (SB)	BIO 100: The Living World (SQ) or BIO 181: General Biology I (SQ)
SOS 321: Policy and Governance in Sustainable Systems	BIO 182: General Biology II (SG)
SOS 322: International Development and Sustainability	HCI 311: Health Innovation: Foundational Concepts
	HCR 230: Culture and Health (C & G)
	HSC 355: Eating for Lifelong Health (SB)
	NTR 142: Applied Food Principles
	NTR 320: History of Human Nutrition (H)
	NTR 343: Food Service Purchasing
	NTR 344: Nutrition Management and Leadership (L)
	NTR 348: Cultural Aspects of Food (SB & C & G)
	NTR 351: Nutrition Communication (L)
	NTR 353: The Western Diet
	NTR 445: Management of Food Service Systems
	NTR 450: Nutrition in the Life Cycle (SB)
	NTR 455: Retail Food Service Operations
	PBH 422: Health Disparities and Access to Health
	POP 100: Introduction to Population Health
	SOS 370: Ethics of Eating (L or SB)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.










## 2023 - 2024 Major Map

### Global Management - Internatl Business & Culture, **BGM**

School/College: Thunderbird School of Global Management

Location: West

TBTGMBGM

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 TGM 101: Principles of Global Management (G)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>Review the "ThunderGuide" located on your <a href="#">Canvas course page</a>. See advisor for details.</li> <li>Create a first draft <a href="#">resume</a>.</li> <li>Create your <a href="#">LinkedIn profile</a>.</li> <li>Create your <a href="#">Handshake profile</a>.</li> </ul>
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
MAT 117: College Algebra (MA)	3	C	
TGM 191: First-Year Seminar	1		
Historical Awareness (H)	3		
Term hours subtotal:	16		
Term 2 16 - 31 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 TGM 204: Principles of Marketing for Global Organizations	3	C	<ul style="list-style-type: none"> <li>Join a <a href="#">student club</a> or professional organization.</li> <li>Secure a <a href="#">part-time job</a> or <a href="#">volunteer experience</a>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Humanities, Arts and Design (HU)	3		
Complete 2 courses:			
Elective	6		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		
Term 3 31 - 47 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 TGM 200: Principles of Accounting for Global Organizations	3	C	<ul style="list-style-type: none"> <li>Develop your <a href="#">skills</a>.</li> </ul>
COM 225: Public Speaking (L)	3	C	
ECN 211: Macroeconomic Principles (SB)	3	C	
Cultural Diversity in the U.S. (C)	3		
Natural Science - Quantitative (SQ)	4		
 Complete First-Year Composition requirement.			
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		
		<b>Minimum</b>	

Term 4 47 - 63 Credit Hours Critical course signified by ⚠	Hours	Grade	Notes
⚠ STP 226: Elements of Statistics (CS)	3	C	<ul style="list-style-type: none"> <li>• A minimum 2.50 ASU cumulative GPA is required to register for LES 305 in Term 5.</li> <li>• Term 5 or Term 6 is preferred for <b>study abroad</b>. Meet with your academic advisor to begin planning for the best study abroad options for your major.</li> </ul>
ECN 212: Microeconomic Principles (SB)	3	C	
Humanities, Arts and Design (HU)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	3		
Term hours subtotal:	16		

Term 5 63 - 79 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
LES 305: Business Law and Ethics for Managers OR PHI 306: Applied Ethics (HU) OR PHI 360: Business and Professional Ethics (HU) OR PHI 406: Moral Dilemmas (L or HU)	3	C	<ul style="list-style-type: none"> <li>• Term 5 or Term 6 is preferred for study abroad. Meet with your academic advisor to begin planning for the best <b>study abroad</b> options for your major.</li> <li>• Review the "ThunderGuide" <b>Canvas course module</b> titled "TGM 484 Internship Information".</li> <li>• Work with your academic advisor to start planning your required <b>internship experience</b> in Term 7.</li> </ul>
★ TGM 391: Global Business and Professional Development Skills	1	C	
★ TGM 468: States and Markets in a Global Economy (SB & G)	3	C	
ENG 301: Writing for the Professions (L)	3	C	
TGM 312: Big Data in the Global Economy	3	C	
Elective	3		
Term hours subtotal:	16		

Term 6 79 - 94 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TGM 353: Regional Management Environment (G)	3	C	<ul style="list-style-type: none"> <li>• Work with your academic advisor to start planning your required <b>internship experience</b> in Term 7.</li> <li>• Research <b>employment opportunities</b>.</li> <li>• Complete an in person or virtual <b>practice interview</b>.</li> </ul>
TGM 300: Principles of Finance for Global Organizations	3	C	
Complete 3 courses:	9		
Elective			
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 94 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TGM 484: Internship	3-6	C	<ul style="list-style-type: none"> <li>• An internship experience is required.</li> <li>• Gather <b>professional references</b>.</li> <li>• Apply for <b>full-time career opportunities</b>.</li> </ul>
★ TGM 487: Global Entrepreneurship	3	C	
★ TGM 489: Multinational Organizational Leadership	3	C	
Complete 2 courses:	5		
Upper Division Elective			
Term hours subtotal:	14-17		

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TGM 478: Cross-Cultural Communication and Negotiation	3	C	<ul style="list-style-type: none"> <li>• Apply for full-time <b>career opportunities</b>.</li> </ul>
★ TGM 498: Pro-Seminar (L)	3	C	
Complete 2 courses:	6		
Upper Division Elective			
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.







## 2023 - 2024 Major Map

### Global Management - Internatl Business & Culture, **BGM**

School/College: [Thunderbird School of Global Management](#)

Location: [Online](#) [ASU Local](#)

TBTGMBGM

Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 TGM 101: Principles of Global Management (G)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>Review the "ThunderGuide" located on your <a href="#">Canvas course page</a>. See advisor for details.</li> <li>Create your <a href="#">Linkedin profile</a>.</li> <li>Create your <a href="#">Handshake profile</a>.</li> <li>Create a first draft <a href="#">resume</a>.</li> </ul>
ASU 101-ONL: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Term hours subtotal:	7		
Term 1 - B 7 - 16 Credit Hours	Hours	Minimum Grade	Notes
CIS 105: Computer Applications and Information Technology (CS)	3	C	<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> <li>Join a <a href="#">student club</a>.</li> </ul>
Cultural Diversity in the U.S. (C)	3		
Historical Awareness (H)	3		
Term hours subtotal:	9		
Term 2 - A 16 - 22 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 TGM 204: Principles of Marketing for Global Organizations	3	C	<ul style="list-style-type: none"> <li>Secure a <a href="#">part-time job</a> or <a href="#">volunteer experience</a>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Term hours subtotal:	6		
Term 2 - B 22 - 31 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
MAT 117: College Algebra (MA)	3	C	
Humanities, Arts and Design (HU)	3		
Elective	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	9		
Term 3 - A 31 - 37 Credit Hours	Hours	Minimum Grade	Notes
COM 225: Public Speaking (L)	3	C	
ECN 211: Macroeconomic Principles (SB)	3	C	

Term hours subtotal: 6

Term 3 - B 37 - 44 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
TGM 200: Principles of Accounting for Global Organizations	3	C	<ul style="list-style-type: none"> <li>• Develop your skills.</li> </ul>
Natural Science - Quantitative (SQ)	4		
⚠ Complete First-Year Composition requirement.			
⚠ Complete Mathematics (MA) requirement.			
Term hours subtotal:	7		

Term 4 - A 44 - 53 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
⚠ STP 226: Elements of Statistics (CS)	3	C	
Humanities, Arts and Design (HU)	3		
Elective	3		
Term hours subtotal:	9		

Term 4 - B 53 - 60 Credit Hours	Hours	Minimum Grade	Notes
ECN 212: Microeconomic Principles (SB)	3	C	<ul style="list-style-type: none"> <li>• Term 5 or Term 6 are preferred for study abroad. Meet with your advisor to plan for the best study abroad options for your major.</li> </ul>
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	7		

Term 5 - A 60 - 69 Credit Hours	Hours	Minimum Grade	Notes
TGM 312: Big Data in the Global Economy	3	C	<ul style="list-style-type: none"> <li>• A minimum 2.50 ASU cumulative GPA is required to register for LES 305 in Term 5B.</li> </ul>
ENG 301: Writing for the Professions (L)	3	C	
Elective	3		
Term hours subtotal:	9		

Term 5 - B 69 - 76 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
LES 305: Business Law and Ethics for Managers OR PHI 306: Applied Ethics (HU) OR PHI 360: Business and Professional Ethics (HU)	3	C	<ul style="list-style-type: none"> <li>• Review the "ThunderGuide" Canvas course module titled "TGM 484 Internship Information".</li> <li>• Work with your academic advisor to start planning for your required international internship.</li> </ul>
TGM 391: Global Business and Professional Development Skills	1	C	
Elective	3		
Term hours subtotal:	7		

Term 6 - A 76 - 85 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ TGM 353: Regional Management Environment (G)	3	C	
★ TGM 468: States and Markets in a Global Economy (SB & G)	3	C	
Elective	3		
Term hours subtotal:	9		

Term 6 - B 85 - 91 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
TGM 300: Principles of Finance for Global Organizations	3	C	<ul style="list-style-type: none"> <li>• Work with your academic advisor to start planning for your required international internship.</li> </ul>
TGM 487: Global Entrepreneurship	3	C	



★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 6

- Research **employment opportunities**.
- Complete an in person or virtual **practice interview**.

Term 7 - A 91 - 97 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TGM 484: Internship	3-6	C	• An international internship experience is required.
Elective	3		
Term hours subtotal:	6-9		

Term 7 - B 97 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TGM 489: Multinational Organizational Leadership	3	C	• Gather <b>professional references</b> . • Apply for <b>full-time career opportunities</b> .
Complete 2 courses: Upper Division Elective	5		
Term hours subtotal:	8		

Term 8 - A 105 - 111 Credit Hours	Hours	Minimum Grade	Notes
TGM 478: Cross-Cultural Communication and Negotiation	3	C	
Elective	3		
Term hours subtotal:	6		

Term 8 - B 111 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TGM 498: Pro-Seminar (L)	3	C	
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	9		

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)

- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map




### Global Management - Intl Business, Lang & Culture, **BGM**



School/College: [Thunderbird School of Global Management](#)

Location: [West](#)

TBTGMBGM

Term 1 0 - 14 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 TGM 101: Principles of Global Management (G)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>Review the "ThunderGuide" located on your <a href="#">Canvas course page</a>. See advisor for details.</li> <li>Foreign Language: Students choose one foreign language and complete courses consistent with language choice throughout remainder of program. Credit hours may vary depending on language; elective credits may require adjustment. See advisor.</li> <li>Create a first draft <a href="#">resume</a>.</li> <li>Create your <a href="#">LinkedIn profile</a>.</li> <li>Create your <a href="#">Handshake profile</a>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117: College Algebra (MA)	3	C	
CHI 101: First-Year Chinese I (G) OR SPA 101: Elementary Spanish I (G)	4-5	C	
TGM 191: First-Year Seminar	1		
Term hours subtotal:	14-15		

Term 2 14 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 TGM 204: Principles of Marketing for Global Organizations	3	C	<ul style="list-style-type: none"> <li>Foreign Language: Students choose one foreign language and complete courses consistent with language choice throughout remainder of program. Credit hours may vary depending on language; elective credits may require adjustment. See advisor.</li> <li>Join a <a href="#">student club</a> or professional organization.</li> <li>Secure a <a href="#">part-time job</a> or <a href="#">volunteer experience</a>.</li> </ul>
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
CHI 102: First-Year Chinese II (G) OR SPA 102: Elementary Spanish II (G)	4-5	C	
Cultural Diversity in the U.S. (C)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16-17		

Term 3 30 - 47 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 TGM 200: Principles of Accounting for Global Organizations	3	C	<ul style="list-style-type: none"> <li>Foreign Language: Students choose one foreign language and complete courses consistent with language choice throughout remainder of</li> </ul>
COM 225: Public Speaking (L)	3	C	
ECN 211: Macroeconomic Principles (SB)	3	C	
CHI 201: Second-Year Chinese I (G) OR SPA 201: Intermediate Spanish (G)	4-5	C	

Natural Science - Quantitative (SQ) 4

◆ Complete First-Year Composition requirement.

◆ Complete Mathematics (MA) requirement.

Term hours subtotal: 17-18

program. Credit hours may vary depending on language; elective credits may require adjustment. See advisor.

- Develop your **skills**.

Term 4 47 - 64 Credit Hours Critical course signified by ◆	Hours	Minimum Grade	Notes
◆ STP 226: Elements of Statistics (CS)	3	C	<ul style="list-style-type: none"> <li>• Foreign Language: Students choose one foreign language and complete courses consistent with language choice throughout remainder of program. Credit hours may vary depending on language; elective credits may require adjustment. See advisor.</li> <li>• A minimum 2.50 ASU cumulative GPA is required to register for LES 305 in Term 5.</li> <li>• Term 5 or Term 6 is preferred for <b>study abroad</b>. Meet with your academic advisor to begin planning for the best study abroad options for your major.</li> </ul>
ECN 212: Microeconomic Principles (SB)	3	C	
CHI 202: Second-Year Chinese II (G) OR SPA 202: Intermediate Spanish (G)	4-5	C	
Humanities, Arts and Design (HU)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	17-18		

Term 5 64 - 80 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
LES 305: Business Law and Ethics for Managers OR PHI 306: Applied Ethics (HU) OR PHI 360: Business and Professional Ethics (HU) OR PHI 406: Moral Dilemmas (L or HU)	3	C	<ul style="list-style-type: none"> <li>• Term 5 or Term 6 is preferred for <b>study abroad</b>. Meet with your academic advisor to discuss the best study abroad option for your major.</li> <li>• Review the "ThunderGuide" <b>Canvas course module</b> titled "TGM 484 Internship Information".</li> <li>• Work with your academic advisor to start planning your required <b>internship experience</b> in Term 7.</li> </ul>
★ TGM 468: States and Markets in a Global Economy (SB & G)	3	C	
TGM 312: Big Data in the Global Economy	3	C	
TGM 391: Global Business and Professional Development Skills	1	C	
Humanities, Arts and Design (HU)	3		
Elective	3		
Term hours subtotal:	16		

Term 6 80 - 96 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TGM 353: Regional Management Environment (G)	3	C	<ul style="list-style-type: none"> <li>• Work with your academic advisor to start planning your required <b>internship experience</b> in Term 7.</li> <li>• Research <b>employment opportunities</b>.</li> <li>• Complete an in person or virtual <b>practice interview</b>.</li> </ul>
TGM 300: Principles of Finance for Global Organizations	3	C	
Historical Awareness (H)	3		
Complete 2 courses:	5		
Upper Division Elective			
Elective	2		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	16		

Term 7 96 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TGM 484: Internship	3-6	C	<ul style="list-style-type: none"> <li>• An internship experience is required.</li> <li>• Gather <b>professional references</b>.</li> <li>• Apply for <b>full-time career opportunities</b>.</li> </ul>
★ TGM 489: Multinational Organizational Leadership	3	C	
TGM 487: Global Entrepreneurship	3	C	
Upper Division Elective	3		
Term hours subtotal:	12-15		

Term 8 108 - 120 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ TGM 498: Pro-Seminar (L)	3	C	• Apply for full-time <b>career opportunities</b> .
TGM 478: Cross-Cultural Communication and Negotiation	3	C	
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.










## 2023 - 2024 Major Map



### International Trade, BS

School/College: [Thunderbird School of Global Management](#)




Location: [West](#)

TBINTRABS



Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 TGM 101: Principles of Global Management (G)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>Review the "ThunderGuide" located on your <a href="#">Canvas course page</a>. See advisor for details.</li> <li>Create a first draft <a href="#">resume</a>.</li> <li>Create your <a href="#">LinkedIn profile</a>.</li> <li>Create your <a href="#">Handshake profile</a>.</li> </ul>
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
MAT 210: Brief Calculus (MA)	3	C	
TGM 191: First-Year Seminar	1		
Elective	3		
Term hours subtotal:	16		
Term 2 16 - 31 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 TGM 204: Principles of Marketing for Global Organizations	3	C	<ul style="list-style-type: none"> <li>Join a <a href="#">student club</a> or professional organization.</li> <li>Secure a <a href="#">part-time job</a> or a <a href="#">volunteer experience</a>.</li> </ul>
COM 225: Public Speaking (L)	3	C	
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
MAT 211: Mathematics for Business Analysis	3	C	
Humanities, Arts and Design (HU)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		
Term 3 31 - 47 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 TGM 200: Principles of Accounting for Global Organizations	3	C	<ul style="list-style-type: none"> <li>Develop your <a href="#">skills</a>.</li> </ul>
ECN 211: Macroeconomic Principles (SB)	3	C	
Cultural Diversity in the U.S. (C)	3		
Historical Awareness (H)	3		
Natural Science - Quantitative (SQ)	4		
 Complete First-Year Composition requirement.			
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		
		<b>Minimum</b>	

Term 4 47 - 60 Credit Hours <b>Critical course signified by</b> 	Hours	Grade	Notes
 STP 226: Elements of Statistics (CS)	3	C	<ul style="list-style-type: none"> <li>• Minimum 2.50 ASU cumulative GPA is required to register for LES 305 in Term 5.</li> <li>• Term 5 or Term 6 is preferred for <b>study abroad</b>. Meet with your academic advisor to begin planning for the best study abroad options for your major.</li> </ul>
ECN 212: Microeconomic Principles (SB)	3	C	
Humanities, Arts and Design (HU)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	13		

Term 5 60 - 76 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
LES 305: Business Law and Ethics for Managers OR PHI 306: Applied Ethics (HU) OR PHI 360: Business and Professional Ethics (HU) OR PHI 406: Moral Dilemmas (L or HU)	3	C	<ul style="list-style-type: none"> <li>• Term 5 or Term 6 is preferred for study abroad. Meet with your academic advisor to begin planning for the best study abroad options for your major.</li> <li>• Review the "ThunderGuide" <b>Canvas course module</b> titled "TGM 484 Internship Information."</li> <li>• Work with your academic advisor to start planning your required <b>internship experience</b> in Term 7.</li> </ul>
 TGM 468: States and Markets in a Global Economy (SB & G)	3	C	
ECN 306: Survey of International Economics (SB & G)	3	C	
TGM 310: Supply Chain Operations for Global Organizations	3	C	
TGM 312: Big Data in the Global Economy	3	C	
TGM 391: Global Business and Professional Development Skills	1	C	
Term hours subtotal:	16		

Term 6 76 - 91 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 TGM 353: Regional Management Environment (G)	3	C	<ul style="list-style-type: none"> <li>• Work with your academic advisor to start planning your required <b>internship experience</b> in Term 7.</li> <li>• Research <b>employment opportunities</b>.</li> <li>• Complete an in person or virtual <b>practice interview</b>.</li> </ul>
TGM 300: Principles of Finance for Global Organizations	3	C	
TGM 430: International Trade and Regional Economic Agreements	3	C	
Complete 2 courses: Elective	6		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 91 - 105 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 TGM 484: Internship	3-6	C	<ul style="list-style-type: none"> <li>• An internship experience is required.</li> <li>• Gather <b>professional references</b>.</li> <li>• Apply for <b>full-time career opportunities</b>.</li> </ul>
 TGM 489: Multinational Organizational Leadership	3	C	
TGM 460: Global Risk Assessment and Management	3	C	
Upper Division Elective	2		
Elective	3		
Term hours subtotal:	14-17		

Term 8 105 - 120 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 TGM 498: Pro-Seminar (L)	3	C	<ul style="list-style-type: none"> <li>• Apply for <b>full-time career opportunities</b>.</li> </ul>
TGM 478: Cross-Cultural Communication and Negotiation	3	C	
Upper Division Elective	3		
Complete 2 courses: Elective	6		

Term hours subtotal: 15

[Hide Course List\(s\)/Track Group\(s\)](#)

**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.









## 2023 - 2024 Major Map

### International Trade, BS

School/College: [Thunderbird School of Global Management](#)

Location: [Online ASU Local](#)

TBINTRABS

Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 TGM 101: Principles of Global Management (G)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students</li> <li>Review the "ThunderGuide" located on your <a href="#">Canvas course page</a>. See advisor for details.</li> <li>Create your <a href="#">Linkedin profile</a></li> <li>Create your <a href="#">Handshake profile</a></li> <li>Create a first draft <a href="#">resume</a></li> </ul>
ASU 101-ONL: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Term hours subtotal:	7		
Term 1 - B 7 - 13 Credit Hours	Hours	Minimum Grade	Notes
CIS 105: Computer Applications and Information Technology (CS)	3	C	<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a></li> <li>Join a <a href="#">student club</a></li> </ul>
MAT 210: Brief Calculus (MA)	3	C	
Term hours subtotal:	6		
Term 2 - A 13 - 22 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 TGM 204: Principles of Marketing for Global Organizations	3	C	<ul style="list-style-type: none"> <li>Secure <a href="#">apart-time job</a> or <a href="#">volunteer experience</a></li> </ul>
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Elective	3		
Term hours subtotal:	9		
Term 2 - B 22 - 31 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
MAT 211: Mathematics for Business Analysis	3	C	
Humanities, Arts and Design (HU)	3		
Elective	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	9		
Term 3 - A 31 - 40 Credit Hours	Hours	Minimum Grade	Notes
COM 225: Public Speaking (L)	3	C	

ECN 211: Macroeconomic Principles (SB)	3	C
Cultural Diversity in the U.S. (C)	3	
Term hours subtotal:	9	

Term 3 - B 40 - 47 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
TGM 200: Principles of Accounting for Global Organizations	3	C	• Develop your <b>skills</b>
Natural Science - Quantitative (SQ)	4		
⚠ Complete First-Year Composition requirement.			
⚠ Complete Mathematics (MA) requirement.			
Term hours subtotal:	7		

Term 4 - A 47 - 56 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
⚠ STP 226: Elements of Statistics (CS)	3	C	
TGM 468: States and Markets in a Global Economy (SB & G)	3	C	
Historical Awareness (H)	3		
Term hours subtotal:	9		

Term 4 - B 56 - 63 Credit Hours	Hours	Minimum Grade	Notes
ECN 212: Microeconomic Principles (SB)	3	C	• Term 5 or Term 6 are preferred for <b>study abroad</b> . Meet with your advisor to plan for the best study abroad options for your major.
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	7		

Term 5 - A 63 - 72 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ TGM 353: Regional Management Environment (G)	3	C	
TGM 310: Supply Chain Operations for Global Organizations	3	C	
TGM 312: Big Data in the Global Economy	3	C	
Term hours subtotal:	9		

Term 5 - B 72 - 79 Credit Hours	Hours	Minimum Grade	Notes
TGM 391: Global Business and Professional Development Skills	1	C	• A minimum 2.50 cumulative ASU GPA is required to register for LES 305 in Term 6A. • Review the "ThunderGuide" <b>Canvas course module</b> titled "TGM 484 Internship Information" • Work with your academic advisor to start planning for your required international <b>internship</b> .
TGM 430: International Trade and Regional Economic Agreements	3	C	
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	7		

Term 6 - A 79 - 88 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ LES 305: Business Law and Ethics for Managers OR PHI 306: Applied Ethics (HU) OR PHI 360: Business and Professional Ethics (HU)	3	C	
ECN 306: Survey of International Economics (SB & G)	3		
Elective	3		
Term hours subtotal:	9		

Term 6 - B 88 - 94 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
TGM 300: Principles of Finance for Global Organizations	3	C	<ul style="list-style-type: none"> <li>• Work with your academic advisor to start planning for your required international internship</li> <li>• Research employment opportunities</li> <li>• Complete an in person or virtual practice interview</li> </ul>
Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 94 - 100 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TGM 484: Internship	3-6	C	<ul style="list-style-type: none"> <li>• An international internship experience is required.</li> </ul>
TGM 460: Global Risk Assessment and Management	3	C	
Term hours subtotal:	6-9		

Term 7 - B 100 - 106 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TGM 489: Multinational Organizational Leadership	3	C	<ul style="list-style-type: none"> <li>• Gather professional references</li> <li>• Apply for full-time career opportunities</li> </ul>
Elective	3		
Term hours subtotal:	6		

Term 8 - A 106 - 115 Credit Hours	Hours	Minimum Grade	Notes
TGM 478: Cross-Cultural Communication and Negotiation	3	C	
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	9		

Term 8 - B 115 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TGM 498: Pro-Seminar (L)	3	C	
Upper Division Elective	2		
Term hours subtotal:	5		

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum

**General University Requirements Legend**

- General Studies Core Requirements:
- Literacy and Critical Inquiry (L)

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

## 2023 - 2024 Major Map

### Applied Science (Food and Nutrition Entrepreneurship), **BAS**

School/College: [College of Health Solutions](#)

Location: [Downtown Phoenix](#)

ECNTRBAS

Applicable Community College Prerequisites 0 - 60 Credit Hours	Hours	Minimum Grade	Notes
AAS Transfer Degree Block	60		<ul style="list-style-type: none"> <li>Students may meet lower division general studies requirements with the AAS degree.</li> <li>Students must complete all ASU general studies requirements in order to earn ASU BAS degree.</li> <li>Students should work with their academic advisor to run DARS graduation audit to determine needed general studies requirements.</li> </ul>
Term hours subtotal:	60		

Term 5 60 - 75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ NTR 100: Introduction to Nutrition Science OR NTR 241: Human Nutrition	3	C	<ul style="list-style-type: none"> <li>Visit the <a href="#">CHS Student Site</a> for resources, forms, appointment scheduling, internship information, etc.</li> <li>Develop your <a href="#">professional online presence</a>.</li> </ul>
Computer/Statistics/Quantitative Applications (CS) ( CIS 105 recommended)	3		
Upper Division Elective	3		
Complete 2 courses: Any needed lower division General Studies requirement OR Elective ( NTR 290 recommended)	6		
Term hours subtotal:	15		

Term 6 75 - 89 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ NTR 343: Food Service Purchasing	3	C	
CIS 300: Web Design and Development	3	C	
NTR 348: Cultural Aspects of Food (SB & C & G)	3	C	
NTR 351: Nutrition Communication (L)	3	C	
Upper Division Elective	2		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	14		

Term 7 89 - 104 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes

★ NTR 455: Retail Food Service Operations	3	C	• Gather professional references
MKT 390: Essentials of Marketing OR MKT 391: Essentials of Selling OR MKT 395: Essentials of Advertising and Marketing Communication	3	C	
NTR 344: Nutrition Management and Leadership (L)	3	C	
NTR 345: Development of Healthy Cuisines	3	C	
NTR 448: Community Nutrition (L)	3	C	
Term hours subtotal:	15		

Term 8 104 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ NTR 445: Management of Food Service Systems	4	C	• Apply for full-time career opportunities
HSC 355: Eating for Lifelong Health (SB) OR NTR 450: Nutrition in the Life Cycle (SB)	3	C	
MGT 380: Management and Strategy for Nonmajors	3	C	
NTR Upper Division Elective	3	C	
Any needed lower division General Studies requirement OR Elective	3		
Term hours subtotal:	16		

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 60 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map

### Applied Science (Food and Nutrition Entrepreneurship), **BAS**

School/College: [College of Health Solutions](#)

Location: [Online ASU Local](#)

ECNTRBAS

Applicable Community College Prerequisites 0 - 60 Credit Hours	Hours	Minimum Grade	Notes
AAS Transfer Degree Block	60		
Term hours subtotal:	60		<ul style="list-style-type: none"> <li>• Students may meet lower division general studies requirements with the AAS degree.</li> <li>• Students must complete all ASU general studies requirements (including upper-division) in order to earn ASU BAS degree.</li> <li>• Students should work with their academic advisor to run DARS graduation audit to determine needed general studies requirements.</li> </ul>

Term 5 - A 60 - 66 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ NTR 100: Introduction to Nutrition Science OR NTR 241: Human Nutrition	3	C	
Computer/Statistics/Quantitative Applications (CS) ( CIS 105 recommended)	3		<ul style="list-style-type: none"> <li>• Visit the <a href="#">CHS Student Site</a> for resources, forms, appointment scheduling, internship information, etc.</li> <li>• Develop your <a href="#">professional online presence</a>.</li> </ul>
Term hours subtotal:	6		

Term 5 - B 66 - 72 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses: Any needed lower division General Studies requirement OR <b>Elective</b> ( NTR 290 recommended)	6		
Term hours subtotal:	6		

Term 6 - A 72 - 77 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ NTR 343: Food Service Purchasing	3	C	
Upper Division Elective	2		
Term hours subtotal:	5		

Term 6 - B 77 - 83 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
CIS 300: Web Design and Development	3	C	
NTR 348: Cultural Aspects of Food (SB & C & G)	3	C	



★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 6

Term 7 - A 83 - 89 Credit Hours	Hours	Minimum Grade	Notes
NTR 351: Nutrition Communication (L)	3	C	• Gather professional references
NTR 448: Community Nutrition (L)	3	C	
Term hours subtotal:	6		

Term 7 - B 89 - 95 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ NTR 455: Retail Food Service Operations	3	C	
MKT 390: Essentials of Marketing OR MKT 391: Essentials of Selling OR MKT 395: Essentials of Advertising and Marketing Communication	3	C	
Term hours subtotal:	6		

Term 8 - A 95 - 104 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ NTR 344: Nutrition Management and Leadership (L)	3	C	
NTR 345: Development of Healthy Cuisines	3	C	
Any needed lower division General Studies requirement OR Elective	3		
Term hours subtotal:	9		

Term 8 - B 104 - 111 Credit Hours	Hours	Minimum Grade	Notes
NTR 445: Management of Food Service Systems	4	C	
NTR Upper Division Elective	3	C	
Term hours subtotal:	7		

Term 9 - A 111 - 117 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MGT 380: Management and Strategy for Nonmajors	3	C	• Apply for full-time career opportunities
HSC 355: Eating for Lifelong Health (SB) OR NTR 450: Nutrition in the Life Cycle (SB)	3	C	
Term hours subtotal:	6		

Term 9 - B 117 - 120 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Elective	3		
Term hours subtotal:	3		

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>

- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 60 maximum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

## 2023 - 2024 Major Map

### Applied Science (Health Sciences), **BAS**

School/College: [College of Health Solutions](#)

Location: [Downtown Phoenix, Polytechnic, West, ASU at Yavapai](#)

NUHSCBAS

Applicable Community College Prerequisites 0 - 60 Credit Hours	Hours	Minimum Grade	Notes
AAS Transfer Degree Block	60		
Term hours subtotal:	60		<ul style="list-style-type: none"> <li>• Students may meet lower division general studies requirements with the AAS degree.</li> <li>• Students must complete all ASU general studies requirements (including upper-division) in order to earn ASU BAS degree.</li> <li>• Students should work with their academic advisor to run DARS graduation audit to determine needed general studies requirements.</li> </ul>

Term 5 60 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HCD 330: Health Care Systems in the U.S.	3	C	
HEP 100: Introduction to Health and Wellness (SB) OR EXW 302: Fundamentals of Wellness (L)	3	C	
HSC 300: Complementary Health Care	3	C	
HSC 310: Health Communication	3	C	
Any needed lower division General Studies requirement OR Elective	3		
Term hours subtotal:	15		<ul style="list-style-type: none"> <li>• Visit the <a href="#">CHS Student Site</a> for resources, forms, appointment scheduling, internship information, etc.</li> <li>• Develop your <a href="#">professional online presence</a>.</li> </ul>

Term 6 75 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HCD 303: Global Health Care Systems (G)	3	C	
★ MED 320: Applied Medical/Health Care Ethics (HU)	3	C	
HSC 412: Health Issues in Later Life	3	C	
HSC 432: Legal Issues in Health Care	3	C	
Any needed lower division General Studies requirement OR Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ EXW 450: Social Determinants of Health and Health Behavior (L or SB) & C)	3	C	• Gather professional references.
CHS 340: Health Theory	3	C	
HCD 420: Population Health Management	3	C	
HSC 410: Supporting the Health of Older Adults	3	C	
Any needed lower division General Studies requirement OR Elective	3		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HCD 400: Interpreting the Scientific Literature	3	C	• Apply for full-time career opportunities.
MED 300: Historical and Contemporary Issues in Health (L)	3	C	
MED 417: Impact of Violence on Health	3	C	
MED 450: Leadership and Professionalism	3	C	
Any needed lower division General Studies requirement OR Elective	3		
Term hours subtotal:	15		

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 60 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

## 2023 - 2024 Major Map

### Applied Science (Health Sciences), **BAS**

School/College: [College of Health Solutions](#)

Location: [Online ASU Local](#)

NUHSCBAS

Applicable Community College Prerequisites 0 - 60 Credit Hours	Hours	Minimum Grade	Notes
AAS Transfer Degree Block	60		<ul style="list-style-type: none"> <li>• Students may meet lower division general studies requirements with the AAS degree.</li> <li>• Students must complete all ASU general studies requirements (including upper-division) in order to earn ASU BAS degree.</li> <li>• Students should work with their academic advisor to run DARS graduation audit to determine needed general studies requirements.</li> </ul>
Term hours subtotal:	60		

Term 5 - A 60 - 66 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ HCD 330: Health Care Systems in the U.S.	3	C	<ul style="list-style-type: none"> <li>• Visit the <a href="#">CHS Student Site</a> for resources, forms, appointment scheduling, internship information, etc.</li> <li>• Develop your <a href="#">professional online presence</a>.</li> </ul>
Any needed lower division General Studies requirement OR Elective	3		
Term hours subtotal:	6		

Term 5 - B 66 - 72 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ HSC 310: Health Communication	3	C	
Any needed lower division General Studies requirement OR Elective	3		
Term hours subtotal:	6		

Term 6 - A 72 - 78 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ MED 320: Applied Medical/Health Care Ethics (HU)	3	C	
HCD 303: Global Health Care Systems (G)	3	C	
Term hours subtotal:	6		

Term 6 - B 78 - 84 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
HSC 412: Health Issues in Later Life	3	C	
Any needed lower division General Studies requirement OR Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			

Term hours subtotal: 6

Term 7 - A 84 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HEP 100: Introduction to Health and Wellness (SB) OR EXW 302: Fundamentals of Wellness (L)	3	C	• Gather professional references.
HSC 300: Complementary Health Care	3	C	
Term hours subtotal:	6		

Term 7 - B 90 - 96 Credit Hours	Hours	Minimum Grade	Notes
HSC 410: Supporting the Health of Older Adults	3	C	
Any needed lower division General Studies requirement OR Elective	3		
Term hours subtotal:	6		

Term 8 - A 96 - 102 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CHS 340: Health Theory	3	C	
MED 300: Historical and Contemporary Issues in Health (L)	3	C	
Term hours subtotal:	6		

Term 8 - B 102 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ EXW 450: Social Determinants of Health and Health Behavior ((L or SB) & C)	3	C	
HCD 400: Interpreting the Scientific Literature	3	C	
Term hours subtotal:	6		

Term 9 - A 108 - 114 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MED 450: Leadership and Professionalism	3	C	• Apply for full-time career opportunities.
HCD 420: Population Health Management	3	C	
Term hours subtotal:	6		

Term 9 - B 114 - 120 Credit Hours	Hours	Minimum Grade	Notes
HSC 432: Legal Issues in Health Care	3	C	
MED 417: Impact of Violence on Health	3	C	
Term hours subtotal:	6		

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for**  
**Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 60 maximum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

## 2023 - 2024 Major Map

### Applied Science (Medical Laboratory Science), **BAS**

School/College: [College of Health Solutions](#)

Location: [Downtown Phoenix](#)

NUMLSBAS

Applicable Community College Prerequisites 0 - 90 Credit Hours	Hours	Minimum Grade	Notes
AAS Transfer Degree Block	90		
Term hours subtotal:	90		<ul style="list-style-type: none"> <li>Students may meet lower division general studies requirements with the AAS degree.</li> <li>Students must complete all ASU general studies requirements in order to earn ASU BAS degree.</li> <li>Students should work with their academic advisor to run DARS graduation audit to determine needed general studies requirements.</li> </ul>

Term 5 90 - 99 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
Upper Division Computer/Statistics/Quantitative Applications (CS)	3		
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Literacy and Critical Inquiry (L)	3		
★ Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	9		<ul style="list-style-type: none"> <li>Develop your <b>professional online presence</b></li> </ul>

Term 6 99 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
MDL 410: Laboratory Leadership	1	C	
MDL 420: Advanced Clinical Urinalysis and Body Fluids	2	C	
MDL 430: Advanced Hematology and Hemostasis	3	C	
MDL 440: Advanced Immunohematology and Immunology	3	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
★ Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	9		

Summer 6 108 - 112 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
MDL 421: Advanced Practicum in Clinical Urinalysis and Body Fluids	1	C	
MDL 431: Advanced Practicum in Hematology and Hemostasis	1	C	



MDL 441: Advanced Practicum in Immunohematology and Immunology 2 C

★ Minimum 2.50 GPA ASU Cumulative.

Term hours subtotal: 4

Term 7 112 - 118 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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MDL 450: Advanced Clinical Microbiology	3	C	• Gather professional references
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MDL 460: Advanced Clinical Chemistry	3	C
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★ Minimum 2.50 GPA ASU Cumulative.

Term hours subtotal: 6

Term 8 118 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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MDL 451: Advanced Practicum: Clinical Microbiology	1	C	• Apply for full-time career opportunities
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MDL 461: Advanced Practicum: Clinical Chemistry	1	C
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★ Minimum 2.50 GPA ASU Cumulative.

Term hours subtotal: 2

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 90 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.






## 2023 - 2024 Major Map





### Biomedical Informatics, BS





School/College: [College of Health Solutions](#)

Location: [Downtown Phoenix](#)

ESBMIBS

Term 1 0 - 14 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 BIO 181: General Biology I (SQ)	4	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. College of Health Solutions majors take CHS 101 to fulfill this requirement.</li> <li>First-year students must take CHS 100; students who enter with more than 30 hours must take CHS 300 instead.</li> <li>Students who test into MAT 251 can take MAT 170 in Term 1 as a refresher or take an elective course instead.</li> </ul>
 CHS 101: The ASU Experience for Health Solutions Students	1		
CHS 100: Optimizing Your Health and Performance (SB) OR CHS 300: An Exploration of Well-Being (SB)	3	C	
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
Elective ( MAT 170 recommended)	3		
Term hours subtotal:	14		

Term 2 14 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 BMI 110: Introduction to Python	3	C	<ul style="list-style-type: none"> <li>Visit the <a href="#">CHS Student Site</a> for resources, forms, appointment scheduling, internship information, etc.</li> <li>Research <a href="#">accelerated pathway</a> to MS Biomedical Informatics.</li> <li>Join a <a href="#">student club</a> or professional organization.</li> <li>Play <a href="#">me3@ASU</a> to explore career interests.</li> </ul>
 BMI 201: Introduction to Clinical Informatics	3	C	
BIO 182: General Biology II (SG)	4	C	
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
MAT 251: Calculus for Life Sciences (MA)	3	C	
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 30 - 46 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 BMI 210: Data Structures and Algorithms in Python	3	C	<ul style="list-style-type: none"> <li>Explore <a href="#">research opportunities</a>.</li> <li>Develop your <a href="#">skills</a>.</li> </ul>
 CHM 113: General Chemistry I (SQ)	4	C	
BMI 102: Introduction to Population Health Informatics	3	C	
MAT 243: Discrete Mathematical Structures	3	C	
Elective	3		
Complete Mathematics (MA) requirement.			
 Complete MAT 251 course(s).			

Term hours subtotal: 16

Term 4 46 - 61 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
⚠ BMI 221: Knowledge Representation for Biomedical Informatics	3	C	<ul style="list-style-type: none"> <li>• Create a first draft <b>resume</b>.</li> <li>• Explore an <b>internship</b>.</li> </ul>
⚠ BMI 310: App Development for Clinical and Population Health	3	C	
BMI 211: Modeling Biomedical Decisions	3	C	
STP 231: Statistics for Life Science (CS)	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
⚠ Complete BMI 102 AND BMI 201 course(s).			
⚠ Complete MAT 243 course(s).			
Term hours subtotal:	15		

Term 5 61 - 76 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ BIO 340: General Genetics	4	C	<ul style="list-style-type: none"> <li>• Update your <b>resume</b>.</li> <li>• Thinking about graduate school? Consider registering for a grad school <b>test prep course</b>.</li> </ul>
★ BMI 311: Modeling Biomedical Knowledge	3	C	
BMI 440: Software Engineering for Biomedical Informatics	3	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Upper Division Elective	2		
Term hours subtotal:	15		

Term 6 76 - 91 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ BMI 312: Modeling Biomedical Data	3	C	<ul style="list-style-type: none"> <li>• Use Handshake to research <b>employment opportunities</b>.</li> <li>• Complete an in person or virtual <b>practice interview</b>.</li> </ul>
BMI 330: Topics in Translational Bioinformatics	3	C	
BMI 410: Database Management in Health Care	3	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 91 - 106 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ BMI 461: Advanced Topics in Biomedical Informatics I	3	C	<ul style="list-style-type: none"> <li>• Students are recommended to take BMI 484: Internship, CHS 394: Peer Instructional Facilitator, CHS 484: Citizen Science in Health or CHS 494: Advanced Undergraduate TA for their upper division elective. Visit the <b>CHS student website</b> to learn more.</li> </ul>
★ BMI 482: Capstone I (L) OR CHS 492: Honors Directed Study	3	C	
BMI 465: Introduction to Comparative Genomics	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Elective ( BMI 484 OR CHS 394 OR CHS 484 OR CHS 494 recommended)	3		
Term hours subtotal:	15		

Term 8 106 - 120 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ BMI 404: Clinical Environments	3	C	<ul style="list-style-type: none"> <li>• Apply for <b>full-time career opportunities</b>.</li> <li>• BMI 483 and CHS 493 fulfill the college's experiential learning requirement.</li> </ul>
★ BMI 483: Capstone II (L) OR CHS 493: Honors Thesis (L)	3	C	

Literacy and Critical Inquiry (L)	3
Complete 2 courses:	
Elective	5
Term hours subtotal:	14

- Barrett Honors College students who take CHS 492 and CHS 493 will need a Literacy and Critical Inquiry (L) course in Term 8. Non-Barrett students who take BMI 482 and BMI 483 may take an elective course instead.

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.








## 2023 - 2024 Major Map

### Clinical Exercise Science, BS

School/College: [College of Health Solutions](#)

Location: [Downtown Phoenix](#)

ECEXERBS

Term 1 0 - 15 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CHS 101: The ASU Experience for Health Solutions Students	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. College of Health Solutions students take CHS 101 to fulfill this requirement.</li> <li>First-year students must enroll in CHS 100; students who enter with more than 30 credit hours may enroll in CHS 300 instead.</li> <li>Students interested in applying to Physical Therapy school or other graduate programs are recommended to take MAT 170.</li> <li>Join a <a href="#">student club</a> or professional organization.</li> </ul>
 KIN 101: Introduction to Kinesiology	3	C	
CHS 100: Optimizing Your Health and Performance (SB) OR CHS 300: An Exploration of Well-Being (SB)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117: College Algebra (MA) OR MAT 170: Precalculus (MA)	3	C	
Elective	2		
Term hours subtotal:	15		
Term 2 15 - 31 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
CHM 101: Introductory Chemistry (SQ) OR CHM 113: General Chemistry I (SQ)	4	C	<ul style="list-style-type: none"> <li>Students interested in applying to Physical Therapy school or other graduate programs are recommended to take CHM 113 in term 2 and CHM 116 as an elective in a later term.</li> <li>Visit the <a href="#">CHS Student Site</a> for resources, forms, appointment scheduling, internship information, etc.</li> <li><a href="#">Explore 4+1 options</a> in the major.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
EXW 215: Resistance Training and Recovery Techniques OR EXW 217: Cardiorespiratory and Flexibility Training	3	C	
PSY 101: Introduction to Psychology (SB)	3	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		
Term 3 31 - 47 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 BIO 201: Human Anatomy and Physiology I (SG)	4	C	<ul style="list-style-type: none"> <li>In order to be successful in upper division major coursework, a minimum 2.75 cumulative GPA is required.</li> <li>Students interested in applying to health professions graduate programs should utilize electives to fulfill prerequisite coursework.</li> </ul>
EXW 215: Resistance Training and Recovery Techniques OR EXW 217: Cardiorespiratory and Flexibility Training	3	C	
HCD 300: Biostatistics (CS) OR PSY 230: Introduction to Statistics (CS) OR STP 226: Elements of Statistics (CS) OR STP 231: Statistics for Life Science (CS)	3	C	

NTR 241: Human Nutrition	3	C
Elective	3	
❗ Complete EXW 215 AND EXW 217 courses with a grade of "C" or better.		
❗ Complete First-Year Composition requirement.		
❗ Complete Mathematics (MA) requirement.		
❗ Minimum 2.75 GPA ASU Cumulative.		
Term hours subtotal:		16

- Secure a **part-time job** or **volunteer experiences**.
- Become a student member of a professional organization.

Term 4 47 - 63 Credit Hours <b>Critical course signified by</b> ❗	Hours	Minimum Grade	Notes
❗ BIO 202: Human Anatomy and Physiology II (SG)	4	C	<ul style="list-style-type: none"> <li>• In order to be successful in upper division major coursework, a minimum 2.75 cumulative GPA is required.</li> <li>• Research <b>health professions graduate programs</b>.</li> </ul>
KIN 290: Introduction to Evidence-Based Practice (L) OR NTR 290: Introduction to Evidence-Based Research in Nutrition (L)	3	C	
KIN 352: Psychosocial Aspects of Physical Activity (SB & C)	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Elective	3		
❗ Minimum 2.75 GPA ASU Cumulative.			
Term hours subtotal:		16	

Term 5 63 - 79 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ EXW 330: Kinesiological Foundations of Movement	4	C	<ul style="list-style-type: none"> <li>• Students may select a Focus Area Elective from any combination of the focus area lists below.</li> <li>• Graduate programs typically require a minimum 3.00 GPA for admission.</li> <li>• Students interested in applying to health professions graduate programs should utilize electives to fulfill prerequisite coursework.</li> <li>• Develop your <b>professional online presence</b>.</li> </ul>
★ KIN 340: Physiology of Exercise	3	C	
EXW 344: Impact of Physical Activity on Health and Disease (L)	3	C	
Upper Division Focus Area Elective	3	C	
Elective	3		
Term hours subtotal:			

Term 6 79 - 95 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ EXW 420: Exercise Testing	4	C	<ul style="list-style-type: none"> <li>• Students may select Focus Area Electives from any combination of the focus area lists below.</li> <li>• Thinking about graduate school? Consider registering for a grad school <b>test prep course</b>.</li> <li>• Gather <b>professional references</b>.</li> </ul>
Complete 2 courses:			
Upper Division Focus Area Elective	6	C	
Upper Division Elective	3		
Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:		16	

Term 7 95 - 108 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ EXW 427: Exercise Prescription for Cardiometabolic Health	3	C	<ul style="list-style-type: none"> <li>• Students may select a Focus Area Elective from any combination of the focus area lists below.</li> <li>• Find an <b>internship</b>.</li> <li>• Graduate programs typically require a minimum 3.00 GPA for admission.</li> </ul>
★ KIN 447: ECG Interpretation	3	C	
Upper Division Focus Area Elective	3	C	
Upper Division Elective	1		
Elective	3		
Term hours subtotal:			

Term hours subtotal: 13

- Students interested in applying to health professions graduate programs should utilize electives to fulfill prerequisite coursework.

Term 8 108 - 120 Credit Hours <b>Necessary course signified by ★</b>	Hours	Minimum Grade	Notes
★ EXW 484: Internship	3	C	<ul style="list-style-type: none"> <li>• Students may select a Focus Area Elective from any combination of the focus area lists below.</li> <li>• EXW 484 fulfills the college's experiential learning requirement.</li> <li>• Apply for <b>full-time career opportunities</b>.</li> </ul>
Upper Division Focus Area Elective	3	C	
Complete 2 courses:			
Elective	6		
Term hours subtotal:	12		

- Students may select courses from any combination of the focus area lists to expand their knowledge in different areas. The lists are separated into several categories that span the field of exercise and health optimization. A total of 15 credit hours of focus area courses must be completed, all of which must be upper division.

Hide Course List(s)/Track Group(s)

Exercise for Chronic and Neurological Conditions Focus Area	Motor Control Focus Area	Muscular Fitness and Performance Focus Area
EXW 426: Exercise for Neuromuscular Conditions (L)	KIN 345: Motor Behavior	EXW 425: Exercise Prescription for Health and Wellness
EXW 494: Exercise, Diet and Weight Control	KIN 415: Theory of Corrective Exercise	KIN 460: Theory of Strength Training (L)
HEP 410: Obesity Perspectives and Prescriptions	KIN 421: Human Motor Control (L)	KIN 465: Muscle Physiology
KIN 416: Low Back Pain: Muscles and Movement	KIN 422: Motor Control in Special Populations (L)	SSP 460: Resistance Training Application and Theory
KIN 442: Fuel Metabolism	KIN 424: Neural Aspects of Movement and Rehabilitation	SSP 461: Performance Programming Components and Periodization
KIN 443: Exercise Endocrinology (L)		
KIN 444: Metabolic Adaptations to Exercise Training		
PRM 453: Inclusive Community Sport		
RTH 364: Foundations of Recreation Therapy (SB)		
RTH 384: Recreational Therapy Practicum		
Nutrition for Health and Performance Focus Area	Physical Activity Psychology Focus Area	Experiential Learning Course
HSC 355: Eating for Lifelong Health (SB)	EXW 400: Stress Management for Wellness	CHS 394: CHS Peer Instructional Facilitator
NTR 345: Development of Healthy Cuisines	KIN 348: Psychological Skills for Optimal Performance (SB)	CHS 400: Adaptive Exercise Program Practical Experience
NTR 353: The Western Diet	KIN 450: Biopsychosocial Perspectives on Physical Activity and Health	CHS 484: Applied Health Experience
NTR 457: Sports Nutrition	KIN 452: Exercise Psychology (SB)	CHS 484: Citizen Science in Health
NTR 448: Community Nutrition (L)		CHS 484: Translational Research



NTR 450: Nutrition in the Life Cycle (SB)

KIN 454: Motivational Theory in Exercise and Health

CHS 492: Honors Directed Study

CHS 493: Honors Thesis (L)

CHS 494: Advanced Undergraduate Teaching Assistant

CHS 494: Undergraduate Research

HCR 471: Interprofessional Education and Community Health

MED 494: Introduction To Clinical Healthcare

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.




## 2023 - 2024 Major Map





### Dietetics, BS




School/College: [College of Health Solutions](#)

Location: [Downtown Phoenix](#)

NHDIETCSBS

Term 1 0 - 15 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CHM 101: Introductory Chemistry (SQ)	4	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. College of Health Solutions students take CHS 101 to fulfill this requirement.</li> <li>Minimum grade of C required in all Didactic Program in Dietetics (DPD) courses.</li> <li>In order to compete for a dietetic internship to earn the RD credential after graduation, it is recommended that students maintain a minimum ASU cumulative GPA of 3.50.</li> <li>First-year students must take CHS 100; students who enter with more than 30 hours must take CHS 300 instead.</li> </ul>
 CHS 101: The ASU Experience for Health Solutions Students	1		
CHS 100: Optimizing Your Health and Performance (SB) OR CHS 300: An Exploration of Well-Being (SB)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117: College Algebra (MA)	3	C	
NTR 150: Introduction to the Professions in Nutrition and Dietetics	1	C	
Term hours subtotal:	15		

Term 2 15 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 NTR 241: Human Nutrition	3	C	<ul style="list-style-type: none"> <li>Join a <b>student club</b> or professional organization.</li> <li>Visit the <b>CHS Student Site</b> for resources, forms, appointment scheduling, internship information, etc.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
PSY 101: Introduction to Psychology (SB)	3	C	
Cultural Diversity in the U.S. (C)	3		
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 3 30 - 46 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 BIO 201: Human Anatomy and Physiology I (SG)	4	C	<ul style="list-style-type: none"> <li>In order to compete for a dietetic internship to earn the RD credential after graduation, it is recommended that students maintain a minimum ASU cumulative GPA of 3.50.</li> <li>Develop your <b>skills</b>.</li> </ul>
 NTR 142: Applied Food Principles	3	C	
HCD 300: Biostatistics (CS) OR SOC 390: Social Statistics I (CS) OR STP 226: Elements of Statistics (CS)	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		

Elective 3

◆ Complete First-Year Composition requirement.

◆ Complete Mathematics (MA) requirement.

◆ Minimum 3.00 GPA ASU Cumulative.

Term hours subtotal: 16

Term 4 46 - 62 Credit Hours Critical course signified by ◆	Hours	Minimum Grade	Notes
◆ BIO 202: Human Anatomy and Physiology II (SG)	4	C	<ul style="list-style-type: none"><li>• Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li><li>• Use Handshake to research <b>employment opportunities</b>.</li></ul>
◆ CHS 260: Health Professions Terminology	3	C	
◆ NTR 290: Introduction to Evidence-Based Research in Nutrition (L)	3	C	
Complete 2 courses: Elective	6		
◆ Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 5 62 - 78 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CHM 231: Elementary Organic Chemistry (SQ) AND CHM 235: Elementary Organic Chemistry Laboratory (SQ)	4	C	<ul style="list-style-type: none"><li>• In order to compete for a dietetic internship to earn the RD credential after graduation, it is recommended that students maintain a minimum ASU cumulative GPA of 3.50.</li><li>• Develop your <b>professional online presence</b>.</li></ul>
★ NTR 341: Medical Nutrition Therapy I	3	C	
NTR 343: Food Service Purchasing	3	C	
NTR 351: Nutrition Communication (L)	3	C	
Elective	3		
★ Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 6 78 - 93 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ BCH 361: Advanced Principles of Biochemistry	3	C	<ul style="list-style-type: none"><li>• Use Handshake to research <b>employment opportunities</b>.</li></ul>
NTR 344: Nutrition Management and Leadership (L)	3	C	
NTR 350: Nutrition Counseling	3	C	
NTR 444: Medical Nutrition Therapy II	3	C	
Upper Division Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
★ Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 7 93 - 106 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ NTR 400: Preprofessional Preparation in Dietetics	1	C	<ul style="list-style-type: none"><li>• In order to compete for a dietetic internship to earn the RD credential after graduation, it is recommended that students maintain a minimum ASU cumulative GPA of 3.50.</li><li>• Gather <b>professional references</b>.</li></ul>
★ NTR 441: Advanced Human Nutrition II	3	C	
NTR 446: Medical Nutrition Therapy III	4	C	
NTR 450: Nutrition in the Life Cycle (SB)	3	C	
Elective	2		
★ Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	13		

Term 8 106 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ NTR 440: Advanced Human Nutrition I	3	C	<ul style="list-style-type: none"> <li>• Apply for full time <b>career opportunities</b>.</li> <li>• NTR 445 and NTR 448 fulfill the college's experiential learning requirement.</li> </ul>
★ NTR 445: Management of Food Service Systems	4	C	
MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG)	4	C	
NTR 448: Community Nutrition (L)	3	C	
Term hours subtotal:	14		

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Effective January 1, 2024, the Commission on Dietetic Registration (CDR) will require a minimum of a master's degree in any field of study to be eligible to take the credentialing exam to become a registered dietitian nutritionist (RDN). In addition, CDR requires that individuals complete coursework and supervised practice in program(s) accredited by the Accreditation Council for Education in Nutrition and Dietetics (ACEND). In most states, graduates also must obtain licensure or certification to practice.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.




## 2023 - 2024 Major Map





### Food and Nutrition Entrepreneurship, BS




School/College: [College of Health Solutions](#)

Location: [Downtown Phoenix](#)

NHFNUENBS

Term 1 0 - 15 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CHM 101: Introductory Chemistry (SQ)	4	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. College of Health Solutions students take CHS 101 to fulfill this requirement.</li> <li>First-year students must take CHS 100; students who enter with more than 30 hours must take CHS 300 instead.</li> <li>Consider your personal and career interests to choose a Focus Area from the lists below. Select coursework from that Focus Area as directed in future terms.</li> <li>Students following the Pre Dietetics Focus Area should take MAT 117 for the Math (MA) requirement.</li> </ul>
 CHS 101: The ASU Experience for Health Solutions Students	1		
CHS 100: Optimizing Your Health and Performance (SB) OR CHS 300: An Exploration of Well-Being (SB)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
NTR 150: Introduction to the Professions in Nutrition and Dietetics	1	C	
MAT course (MA)	3	C	
Term hours subtotal:	15		

Term 2 15 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 HCD 300: Biostatistics (CS) OR STP 226: Elements of Statistics (CS)	3	C	<ul style="list-style-type: none"> <li>First year students should take STP 226; students who enter with more than 30 hours should take HCD 300.</li> <li>Students following the Pre Dietetics Focus Area should take PSY 101 as their elective.</li> <li>Visit the <a href="#">CHS Student Site</a> for resources, forms, appointment scheduling, internship information, etc.</li> <li>Join a <a href="#">student club</a> or professional organization.</li> </ul>
 NTR 241: Human Nutrition	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
HSC 210: Cultural Aspects of Health (C)	3	C	
Elective ( PSY 101 OR SOC 101 recommended)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		

Term 3 30 - 46 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 BIO 160: Introduction to Anatomy and Physiology (SQ) OR BIO 201: Human Anatomy and Physiology I (SG)	4	C	<ul style="list-style-type: none"> <li>Select a Focus Area Course from the appropriate list below.</li> <li>Students following the Pre Dietetics Focus Area should take BIO 201, and also take CHS 260 for the Focus Area course.</li> </ul>
 NTR 142: Applied Food Principles	3	C	
Focus Area Course	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		

Elective	3
.....	
❖ Complete Mathematics (MA) requirement.	
.....	
Complete First-Year Composition requirement.	
.....	
Term hours subtotal:	16

- Students following the Community Nutrition Focus Area should take BIO 201.
- Students following the Food Service Operations Focus Area should take BIO 160.
- Develop your **skills**.

Term 4 46 - 62 Credit Hours Critical course signified by ❖	Hours	Minimum Grade	Notes
❖ BIO 202: Human Anatomy and Physiology II (SG) OR MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG)	4	C	<ul style="list-style-type: none"> <li>• Students following the Pre Dietetics Focus Area should take BIO 202 and NTR 341.</li> <li>• Students following the Community Nutrition Focus Area should take BIO 202 and NTR 345.</li> <li>• Students following the Food Service Operations Focus Area should take MIC 205/206 and NTR 345.</li> <li>• Secure a <b>part-time job</b> or <b>volunteer</b> experience.</li> </ul>
❖ NTR 290: Introduction to Evidence-Based Research in Nutrition (L)	3	C	
❖ NTR 341: Medical Nutrition Therapy I OR NTR 345: Development of Healthy Cuisines	3	C	
Complete 2 courses: Elective	6		
Term hours subtotal:	16		

Term 5 62 - 77 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ NTR 351: Nutrition Communication (L)	3	C	<ul style="list-style-type: none"> <li>• Students following the Pre Dietetics Focus Area should take CHM 231/235 for the Focus Area Course.</li> <li>• Develop your <b>professional online presence</b>.</li> </ul>
MKT 390: Essentials of Marketing OR MKT 391: Essentials of Selling OR MKT 395: Essentials of Advertising and Marketing Communication	3	C	
NTR 348: Cultural Aspects of Food (SB & C & G)	3	C	
Focus Area Course	3	C	
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	15		

Term 6 77 - 92 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
HSC 355: Eating for Lifelong Health (SB) OR NTR 450: Nutrition in the Life Cycle (SB)	3	C	<ul style="list-style-type: none"> <li>• Select a Focus Area Course from the appropriate list below.</li> <li>• Students following the Pre Dietetics Focus Area should take NTR 450, and also take BCH 361 for the Focus Area Course.</li> <li>• Use Handshake to research <b>employment opportunities</b>.</li> </ul>
NTR 350: Nutrition Counseling	3	C	
Focus Area Course	3	C	
Complete 2 courses: Upper Division Elective	6		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 92 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ NTR 344: Nutrition Management and Leadership (L)	3	C	<ul style="list-style-type: none"> <li>• Select Focus Area Courses from the appropriate list below.</li> <li>• Students following the Pre Dietetics Focus Area should take MIC 205/206 and NTR 343 for the Focus Area Courses.</li> <li>• Gather <b>professional references</b>.</li> </ul>
NTR 402: Preprofessional Prep in Nutrition Careers	1	C	
Complete 2 courses: Upper Division Focus Area Course	6	C	
Upper Division Elective OR CHS 484: Internship	3		
Term hours subtotal:	13		

		Minimum	
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Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Grade	Notes
★ NTR 448: Community Nutrition (L)	3	C	<ul style="list-style-type: none"> <li>• NTR 448 fulfills the college's experiential learning requirement.</li> <li>• Select a Focus Area Course from the appropriate list below.</li> <li>• Students following the Pre Dietetics Focus Area should take NTR 445 for the Focus Area Course.</li> <li>• Apply for full-time career opportunities.</li> </ul>
Upper Division Focus Area Course	3	C	
Upper Division Elective	2		
Complete 2 courses:	7		
Elective			
Term hours subtotal:	15		

- Students should select and follow a Focus Area to complete a total of 18 credit hours, at least nine of which must be upper division. The selected focus area will allow students to move confidently into a career or a Graduate Program in Dietetics.
- Students following the Pre Dietetics Focus Area will be eligible to apply to a Graduate Program in Dietetics which integrates the required coursework and experiential learning to prepare students for the Registered Dietitian (RD) exam. Upon passing the RD Exam, graduates can work as Registered Dietitian Nutritionists (RDN). For more information about institutions that offer a Graduate Program in Dietetics, please visit: <https://www.eatrightpro.org/acend/accredited-programs/accredited-programs-directory> and search for \*Graduate Programs\* which are available in several states and online.
- The Pre Dietetics Focus Area requires both BIO 202 and MIC 205/206. BIO 202 should be completed before MIC 205/206. Students should follow term notes with course suggestions.

Hide Course List(s)/Track Group(s)

Community Nutrition Focus Area	Pre Dietetics Focus Area	Food Service Operations Focus Area
CHS 340: Health Theory	BCH 361: Advanced Principles of Biochemistry	AGB 215: Fundamentals of Sustainable Food Systems (L) or SFS 215: Fundamentals of Sustainable Food Systems (L) or SOS 215: Fundamentals of Sustainable Food Systems (L)
EDS 301: Sustainable Community Design and Practices (HU)	CHM 231: Elementary Organic Chemistry (SQ) AND CHM 235: Elementary Organic Chemistry Laboratory (SQ)	AGB 425: Food Supply Networks
EXW 446: Worksite Wellness	CHS 260: Health Professions Terminology	AGB 445: Food Retailing
HCD 332: Population Health Policy and Legislation	BIO 202: Human Anatomy and Physiology II (SG) or MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG)	AGB 456: Food Product Innovation and Development
HCR 231: Fundamentals of Community Health	NTR 343: Food Service Purchasing	CIS 105: Computer Applications and Information Technology (CS)
HCR 335: Program Development and Management for Community Health	NTR 445: Management of Food Service Systems	HCR 494: Food Safety and Protection
HEP 102: Foundations of Health Education and Health Promotion		MGT 380: Management and Strategy for Nonmajors
HEP 348: Methods of Health Education		NTR 343: Food Service Purchasing
HEP 380: Body Image and Wellness		NTR 353: The Western Diet
HEP 444: Epidemiology		NTR 360: Nutrition Entrepreneurship
HEP 452: Health Advocacy in Health Education		NTR 445: Management of Food Service Systems
NTR 453: Nutrition and the Media		NTR 455: Retail Food Service Operations

PBH 422: Health Disparities and Access to Health

SOS 327: Sustainable Food and Farms

PBH 435: Environmental and Occupational Health

POP 100: Introduction to Population Health

**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.





## 2023 - 2024 Major Map



### Food and Nutrition Entrepreneurship, BS



School/College: [College of Health Solutions](#)



Location: [Online ASU Local](#)

NHFNUENBS

Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CHS 101: The ASU Experience for Health Solutions Students	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. College of Health Solutions students take CHS 101 to fulfill this requirement.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
MAT course (MA) (MAT 142 recommended)	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 15 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CHM 101: Introductory Chemistry (SQ)	4	C	<ul style="list-style-type: none"> <li>First-year students must take CHS 100; students who enter with more than 30 hours must take CHS 300 instead.</li> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> <li>Consider your personal and career interests to choose a Focus Area from the lists below. Select coursework from that Focus Area as directed in future terms.</li> </ul>
CHS 100: Optimizing Your Health and Performance (SB) OR CHS 300: An Exploration of Well-Being (SB)	3	C	
NTR 150: Introduction to the Professions in Nutrition and Dietetics	1	C	
Term hours subtotal:	8		

Term 2 - A 15 - 22 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 BIO 160: Introduction to Anatomy and Physiology (SQ) OR BIO 201: Human Anatomy and Physiology I (SG)	4	C	<ul style="list-style-type: none"> <li>Students following the Pre Dietetics Focus Area and the Community Nutrition Focus Area should take BIO 201.</li> <li>Students following the Food Service Operations Focus Area should take BIO 160.</li> <li>Visit the <a href="#">CHS Student Site</a> for resources, forms, appointment scheduling, internship information, etc.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Term hours subtotal:	7		

Term 2 - B 22 - 29 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 BIO 202: Human Anatomy and Physiology II (SG) OR MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG)	4	C	<ul style="list-style-type: none"> <li>Students following the Pre Dietetics Focus Area and the Community Nutrition Focus Area should take BIO 202 and PSY 101.</li> </ul>
Elective (PSY 101 OR SOC 101 recommended)	3		

❖ Complete ENG 101 OR ENG 105 OR ENG 107 course(s).

Term hours subtotal: 7

- Students following the Food Service Operations Focus Area should take MIC 205/206.
- Join a **student club** or professional organization.

Term 3 - A 29 - 35 Credit Hours Critical course signified by ❖	Hours	Minimum Grade	Notes
❖ HCD 300: Biostatistics (CS) OR STP 226: Elements of Statistics (CS)	3	C	
❖ NTR 241: Human Nutrition	3	C	
Term hours subtotal:	6		

Term 3 - B 35 - 41 Credit Hours Critical course signified by ❖	Hours	Minimum Grade	Notes
❖ NTR 142: Applied Food Principles	3	C	• Develop your <b>skills</b> .
Humanities, Arts and Design (HU)	3		
❖ Complete First-Year Composition requirement.			
❖ Complete Mathematics (MA) requirement.			
Term hours subtotal:	6		

Term 4 - A 41 - 50 Credit Hours	Hours	Minimum Grade	Notes
HSC 210: Cultural Aspects of Health (C)	3	C	<ul style="list-style-type: none"> <li>• Select Focus Area Course from the appropriate list below.</li> <li>• Students following the Pre Dietetics Focus Area should take CHS 260 as their focus area course.</li> <li>• Students following the Pre-Dietetics Focus Area should also begin planning for in person CHM 235 laboratory attendance in the summer. Speak to your academic advisor for more information.</li> </ul>
NTR 290: Introduction to Evidence-Based Research in Nutrition (L)	3	C	
Focus Area Course	3	C	
Term hours subtotal:	9		

Term 4 - B 50 - 56 Credit Hours Critical course signified by ❖	Hours	Minimum Grade	Notes
❖ NTR 341: Medical Nutrition Therapy I OR NTR 345: Development of Healthy Cuisines	3	C	<ul style="list-style-type: none"> <li>• Students following the Pre Dietetics Focus Area should take NTR 341.</li> <li>• Students following the Community Nutrition Focus Area and the Food Service Operations Focus Area should take NTR 345.</li> <li>• Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> </ul>
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	6		

Term 5 - A 56 - 62 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ NTR 351: Nutrition Communication (L)	3	C	<ul style="list-style-type: none"> <li>• Select Focus Area Course from the appropriate list below.</li> <li>• Students following the Pre Dietetics Focus Area should take CHM 231/235 for the Focus Area course. Students will complete all experiments for the CHM 235 Elementary Organic Chemistry Lab in person at an ASU campus during a</li> </ul>
Focus Area Course	3	C	
Term hours subtotal:	6		

one-week session in summer. Lab reports will be completed in subsequent weeks during the same summer term. Connect with your academic advisor for more information.

Term 5 - B 62 - 68 Credit Hours	Hours	Minimum Grade	Notes
MKT 390: Essentials of Marketing OR MKT 391: Essentials of Selling OR MKT 395: Essentials of Advertising and Marketing Communication	3	C	<ul style="list-style-type: none"> <li>Develop your <b>professional online presence</b>.</li> </ul>
NTR 348: Cultural Aspects of Food (SB & C & G)	3	C	
Term hours subtotal:	6		

Term 6 - A 68 - 74 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Upper Division Focus Area Course	3	C	<ul style="list-style-type: none"> <li>Select a focus area course from the appropriate list below.</li> <li>Students following the Pre Dietetics Focus Area should take BCH 361 for the Focus Area course.</li> </ul>
NTR 350: Nutrition Counseling	3	C	
Term hours subtotal:	6		

Term 6 - B 74 - 80 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ HSC 355: Eating for Lifelong Health (SB) OR NTR 450: Nutrition in the Life Cycle (SB)	3	C	<ul style="list-style-type: none"> <li>Students following the Pre Dietetics Focus Area should take NTR 450.</li> <li>Use Handshake to research <b>employment opportunities</b>.</li> </ul>
Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 80 - 86 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ NTR 344: Nutrition Management and Leadership (L)	3	C	
Elective	3		
Term hours subtotal:	6		

Term 7 - B 86 - 92 Credit Hours	Hours	Minimum Grade	Notes
Focus Area Course	3	C	<ul style="list-style-type: none"> <li>Select a focus area course from the appropriate list below.</li> <li>Students following the Pre Dietetics Focus Area should take MIC 205/206 for the Focus Area course.</li> <li>Gather <b>professional references</b>.</li> </ul>
Upper Division Elective	3		
Term hours subtotal:	6		

Term 8 - A 92 - 98 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ NTR 448: Community Nutrition (L)	3	C	<ul style="list-style-type: none"> <li>NTR 448 fulfills the college's experiential learning requirement.</li> </ul>
Elective	3		
Term hours subtotal:	6		

Term 8 - B 98 - 104 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Focus Area Course	3	C	

Upper Division Elective	3
Term hours subtotal:	6

- Select a focus area course from the appropriate list below.
- Students following the Pre Dietetics Focus Area should take NTR 343 for the Focus Area course.

Term 9 - A 104 - 110 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ NTR 402: Preprofessional Prep in Nutrition Careers	1	C	
Upper Division Elective	2		
Elective	3		
Term hours subtotal:	6		

Term 9 - B 110 - 116 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Focus Area Course	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		

- Select a focus area course from the appropriate list below.
- Students following the Pre Dietetics Focus Area should take NTR 445 for the Focus Area course.

Term 10 - A 116 - 120 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Elective	4		
Term hours subtotal:	4		

- Apply for **full-time career opportunities**.

- Students should select and follow a Focus Area to complete a total of 18 credit hours, at least nine of which must be upper division. The selected focus area will allow students to move confidently into a career or a Graduate Program in Dietetics.
- Students following the Pre Dietetics Focus Area will be eligible to apply to a Graduate Program in Dietetics which integrates the required coursework and experiential learning to prepare students for the Registered Dietitian (RD) exam. Upon passing the RD Exam, graduates can work as Registered Dietitian Nutritionists (RDN). For more information about institutions that offer a Graduate Program in Dietetics, please visit: <https://www.eatrightpro.org/acend/accredited-programs/accredited-programs-directory> and search for \*Graduate Programs\* which are available in several states and online.
- The Pre Dietetics Focus Area requires both BIO 202 and MIC 205/206. BIO 202 should be completed before MIC 205/206. Students should follow term notes with course suggestions.
- For students following the Pre Dietetics Focus Area, the CHM 235 Elementary Organic Chemistry Laboratory is only offered in-person at a university campus location. This laboratory course will be offered during summer which may impact your financial aid. **Learn** more about summer financial aid and additional ways to cover summer costs. Students also have the option to complete the laboratory at a local institution. Visit the **Transfer Credit Guide** to find equivalent courses near you and consult with your academic advisor.

Hide Course List(s)/Track Group(s)

Community Nutrition Focus Area	Pre Dietetics Focus Area	Food Service Operations Focus Area
CHS 340: Health Theory	BCH 361: Advanced Principles of Biochemistry	AGB 215: Fundamentals of Sustainable Food Systems (L) or SFS 215: Fundamentals of
EXW 446: Worksite Wellness		

HCD 332: Population Health Policy and Legislation	CHM 231: Elementary Organic Chemistry (SQ) AND CHM 235: Elementary Organic Chemistry Laboratory (SQ)	Sustainable Food Systems (L) or SOS 215: Fundamentals of Sustainable Food Systems (L)
HCR 231: Fundamentals of Community Health	CHS 260: Health Professions Terminology	AGB 425: Food Supply Networks
HCR 335: Program Development and Management for Community Health	BIO 202: Human Anatomy and Physiology II (SG) or MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG)	AGB 445: Food Retailing
HEP 102: Foundations of Health Education and Health Promotion	NTR 343: Food Service Purchasing	AGB 456: Food Product Innovation and Development
HEP 348: Methods of Health Education	NTR 445: Management of Food Service Systems	CIS 105: Computer Applications and Information Technology (CS)
HEP 380: Body Image and Wellness		HCR 494: Food Safety and Protection
HEP 444: Epidemiology		MGT 380: Management and Strategy for Nonmajors
HEP 452: Health Advocacy in Health Education		NTR 343: Food Service Purchasing
NTR 453: Nutrition and the Media		NTR 353: The Western Diet
PBH 422: Health Disparities and Access to Health		NTR 360: Nutrition Entrepreneurship
PBH 435: Environmental and Occupational Health		NTR 445: Management of Food Service Systems
POP 100: Introduction to Population Health		NTR 455: Retail Food Service Operations
		SOS 327: Sustainable Food and Farms

**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.










## 2023 - 2024 Major Map

### Health Care Administration and Policy, BS

School/College: [College of Health Solutions](#)

Location: [Downtown Phoenix](#)

NHHCDBS

Term 1 0 - 14 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CHS 101: The ASU Experience for Health Solutions Students	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. College of Health Solutions students take CHS 101 to fulfill this requirement.</li> <li>Select your <b>career interest communities</b> and play <b>me3@ASU</b>.</li> <li>First-year students must complete CHS 100; students who enter with more than 30 hours should complete CHS 300.</li> </ul>
CHS 100: Optimizing Your Health and Performance (SB) OR CHS 300: An Exploration of Well-Being (SB)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
MAT 117: College Algebra (MA)	3	C	
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	14		
Term 2 14 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 POP 100: Introduction to Population Health	3	C	<ul style="list-style-type: none"> <li>Visit the <b>CHS Student Site</b> for resources, forms, appointment scheduling, internship information, etc.</li> <li>Join a <b>student club</b> or professional organization.</li> <li>Create a first draft <b>resume</b>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
PHI 105: Intro to Ethics (HU)	3	C	
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Elective ( CIS 105 recommended)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		
Term 3 30 - 45 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 HSC 210: Cultural Aspects of Health (C)	3	C	<ul style="list-style-type: none"> <li>Develop your <b>skills</b>.</li> </ul>
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Complete 3 courses: Elective ( ACC 231 OR HSE 101 OR LAW 210 OR OGL 200 recommended)	9		
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	15		
Term 4 45 - 60 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes

❗ HCD 201: Economics for Health Majors	3	C
❗ HCD 330: Health Care Systems in the U.S.	3	C
SOC 101: Introductory Sociology (SB)	3	C
Complete 2 courses: Elective (SOC 270 recommended)	6	
Term hours subtotal:	15	

- Explore an **internship**.

Term 5 60 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HCD 300: Biostatistics (CS)	3	C	<ul style="list-style-type: none"> <li>• Update your <b>resume</b>.</li> </ul>
HCD 302: Health Care Management	3	C	
HSC 310: Health Communication	3	C	
MED 320: Applied Medical/Health Care Ethics (HU)	3	C	
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
HCD 303: Global Health Care Systems (G)	3	C	<ul style="list-style-type: none"> <li>• Select a Health Administration and Policy Course from the list below.</li> <li>• All CHS students must complete a minimum of three credits of experiential learning. Select a course from the list below to take in Term 7 and visit the <b>CHS student website</b> for more information on opportunities, including research and internships, specific to your major.</li> <li>• Students must have a minimum 2.00 ASU cumulative GPA to enroll in <b>HCD 484: Internship</b>.</li> </ul>
HCD 304: Health Care Finance	3	C	
HCD 332: Population Health Policy and Legislation	3	C	
HSC 432: Legal Issues in Health Care	3	C	
Health Administration and Policy Course	3	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HCD 402: Health Economics	3	C	<ul style="list-style-type: none"> <li>• Select an experiential learning course from the list below and visit the <b>CHS student website</b> for more information on opportunities specific to your major.</li> <li>• Use Handshake to research <b>employment opportunities</b>.</li> </ul>
HCD 403: Process Engineering	3	C	
HCD 420: Population Health Management	3	C	
MED 450: Leadership and Professionalism	3	C	
Experiential Learning Course	3	C	
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HCD 404: Advanced Concepts in the Science of Health Care Delivery	3	C	<ul style="list-style-type: none"> <li>• Select a Health Administration and Policy Course from the list below.</li> <li>• Complete an in person or virtual <b>practice interview</b>.</li> <li>• Apply for <b>full-time career opportunities</b>.</li> </ul>
MED 300: Historical and Contemporary Issues in Health (L)	3	C	
PBH 422: Health Disparities and Access to Health	3	C	
Health Administration and Policy Course	3	C	
Elective	3		
Term hours subtotal:	15		



- CHS students are required to complete a minimum of three credits of experiential learning coursework. A list of recommended courses is below. The [CHS student website](#) also has up to date information on opportunities to fulfill this requirement, including research and internships, that are relevant to each major. Students should contact their academic advisor with any questions.

Hide Course List(s)/Track Group(s)

Health Administration and Policy Course	Experiential Learning Course
ASB 376: Global Health Policy	The following courses are the most relevant for your major, but other options may be possible. See your advisor.
HCD 400: Interpreting the Scientific Literature	
HCI 421: Health Care Policy: The Innovator's View	CHS 280: Experiential Community Health and Research
HSC 300: Complementary Health Care	CHS 394: CHS Peer Instructional Facilitator
MED 394: Healthcare and Humanities	CHS 484: Applied Health Experience
MED 417: Impact of Violence on Health	CHS 484: Citizen Science in Health
MGT 380: Management and Strategy for Nonmajors	CHS 484: Translational Research
MGT 420: Human Resource Management	CHS 493: Honors Thesis (L)
OGI 300: Theory and Practice of Leadership	CHS 494: Advanced Undergraduate Teaching Assistant
PBH 410: Public Mental Health	CHS 494: Undergraduate Research
PMG 320: Foundations of Project Management	HCD 484: Internship
SCM 494: Healthcare Supply Chain Management	HCR 471: Interprofessional Education and Community Health
	MED 325: Elements of Hospice and Palliative Care
	MED 375: Alzheimer's and Other Dementias (SB)
	MED 475: Palliative Care: Managing Complex Serious Illness
	MED 494: Introduction To Clinical Healthcare

**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.









## 2023 - 2024 Major Map

### Health Care Administration and Policy, BS

School/College: [College of Health Solutions](#)

Location: [Online ASU Local](#)

NHHCDBS

Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CHS 101: The ASU Experience for Health Solutions Students	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. College of Health Solutions students take CHS 101 to fulfill this requirement.</li> <li>Select your <b>career interest communities</b> and play <b>me3@ASU</b>.</li> <li>First-year students must complete CHS 100; students who enter with more than 30 hours should complete CHS 300.</li> </ul>
CHS 100: Optimizing Your Health and Performance (SB) OR CHS 300: An Exploration of Well-Being (SB)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
Term hours subtotal:	7		
Term 1 - B 7 - 14 Credit Hours	Hours	Minimum Grade	Notes
MAT 117: College Algebra (MA)	3	C	<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> </ul>
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	7		
Term 2 - A 14 - 20 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 POP 100: Introduction to Population Health	3	C	<ul style="list-style-type: none"> <li>Visit the <b>CHS Student Site</b> for resources, forms, appointment scheduling, internship information, etc.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: English for Foreign Students	3	C	
Term hours subtotal:	6		
Term 2 - B 20 - 27 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
PHI 105: Intro to Ethics (HU)	3	C	
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	7		
Term 3 - A 27 - 33 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 HSC 210: Cultural Aspects of Health (C)	3	C	

Elective ( CIS 105 recommended)	3
Term hours subtotal:	6

- Join a **student club** or professional organization.

Term 3 - B 33 - 42 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
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Complete 3 courses:	9
Elective ( ACC 231 OR HSE 101 OR OGL 200 recommended)	
⚠ Complete Mathematics (MA) requirement.	
Term hours subtotal:	9

Term 4 - A 42 - 48 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
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⚠ HCD 201: Economics for Health Majors	3	C
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3	
Term hours subtotal:	6	

- Create a first draft **resume**.

Term 4 - B 48 - 54 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
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⚠ HCD 330: Health Care Systems in the U.S.	3	C
SOC 101: Introductory Sociology (SB)	3	C
Term hours subtotal:	6	

Term 5 - A 54 - 60 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
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★ HCD 300: Biostatistics (CS)	3	C
Elective ( LAW 210 recommended)	3	
Term hours subtotal:	6	

- Develop your **skills**.

Term 5 - B 60 - 66 Credit Hours	Hours	Minimum Grade	Notes
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HCD 302: Health Care Management	3	C
Elective	3	
Term hours subtotal:	6	

Term 6 - A 66 - 72 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
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★ HCD 304: Health Care Finance	3	C
MED 320: Applied Medical/Health Care Ethics (HU)	3	C
Term hours subtotal:	6	

- Explore an **internship**.

Term 6 - B 72 - 78 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
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HCD 303: Global Health Care Systems (G)	3	C
Literacy and Critical Inquiry (L)	3	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
Term hours subtotal:	6	

Term 7 - A 78 - 84 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
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★ HCD 332: Population Health Policy and Legislation	3	C
HSC 310: Health Communication	3	C
Term hours subtotal:	6	

- Update your **resume**.

Term 7 - B 84 - 90 Credit Hours	Hours	Minimum Grade	Notes
HCD 420: Population Health Management	3	C	
MED 300: Historical and Contemporary Issues in Health (L)	3	C	
Term hours subtotal:	6		

Term 8 - A 90 - 96 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ HCD 402: Health Economics	3	C	<ul style="list-style-type: none"> <li>• Use Handshake to research <b>employment opportunities</b>.</li> <li>• Complete an in person or virtual <b>practice interview</b>.</li> </ul>
HSC 432: Legal Issues in Health Care	3	C	
Term hours subtotal:	6		

Term 8 - B 96 - 102 Credit Hours	Hours	Minimum Grade	Notes
MED 450: Leadership and Professionalism	3	C	
Elective	3		
Term hours subtotal:	6		

Term 9 - A 102 - 108 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ HCD 403: Process Engineering	3	C	<ul style="list-style-type: none"> <li>• Select a Health Administration and Policy Course from the list below.</li> <li>• All CHS students must complete a minimum of three credits of experiential learning. Select a course from the list below to take in Term 10A and visit the <b>CHS student website</b> for more information on opportunities, including research and internships, specific to your major.</li> </ul>
Health Administration and Policy Course	3	C	
Term hours subtotal:	6		

Term 9 - B 108 - 114 Credit Hours	Hours	Minimum Grade	Notes
HCD 404: Advanced Concepts in the Science of Health Care Delivery	3	C	
PBH 422: Health Disparities and Access to Health	3	C	
Term hours subtotal:	6		

Term 10 - A 114 - 120 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Experiential Learning Course	3	C	<ul style="list-style-type: none"> <li>• Select an experiential learning course from the list below and visit the <b>CHS student website</b> for more information on opportunities specific to your major.</li> <li>• Select a Health Administration and Policy Course from the list below.</li> <li>• Apply for <b>full-time career opportunities</b>.</li> </ul>
Health Administration and Policy Course	3	C	
Term hours subtotal:	6		

Hide Course List(s)/Track Group(s)

Health Administration and Policy Course	Experiential Learning Course
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HCD 400: Interpreting the Scientific Literature

HCI 421: Health Care Policy: The Innovator's View	The following courses are the most relevant for your major, but other options may be possible. See your advisor.
HSC 300: Complementary Health Care	CHS 280: Experiential Community Health and Research
MED 417: Impact of Violence on Health	CHS 394: CHS Peer Instructional Facilitator
MGT 380: Management and Strategy for Nonmajors	CHS 484: Applied Health Experience
MGT 420: Human Resource Management	CHS 484: Citizen Science in Health
OGL 300: Theory and Practice of Leadership	CHS 484: Translational Research
PBH 410: Public Mental Health	CHS 494: Advanced Undergraduate Teaching Assistant
PMG 320: Foundations of Project Management	CHS 494: Undergraduate Research
	HCD 484: Internship

**Notes:**

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- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
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**Total hrs at ASU:** 30 minimum  
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**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map




### Health Education and Health Promotion, BS



School/College: [College of Health Solutions](#)

Location: [Downtown Phoenix](#)

NHHEHPBS

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CHS 101: The ASU Experience for Health Solutions Students	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. College of Health Solutions students take CHS 101 to fulfill this requirement.</li> <li>First-year students must take CHS 100; students who enter with more than 30 hours must take CHS 300 instead.</li> <li>Students who plan to apply to a graduate program after graduation may wish to take a higher level math than is required for this degree. If the student decides to do so, but tests into MAT 117 in term 1, an elective later in the program may be used to take a higher level math.</li> </ul>
CHS 100: Optimizing Your Health and Performance (SB) OR CHS 300: An Exploration of Well-Being (SB)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
HEP 102: Foundations of Health Education and Health Promotion	3	C	
MAT course (MA)	3	C	
Elective	3		
Term hours subtotal:	16		

Term 2 16 - 31 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 HEHP Major Elective	3	C	<ul style="list-style-type: none"> <li>Students who enter the major with fewer than 45 hours must take HEP 100; those who enter with at least 45 hours may take EXW 302.</li> <li>Visit the <a href="#">CHS Student Site</a> for resources, appointment scheduling, internship information, etc</li> <li>Join a <a href="#">student club</a> or professional organization.</li> <li>Create a first draft <a href="#">resume</a>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
HEP 100: Introduction to Health and Wellness (SB) OR EXW 302: Fundamentals of Wellness (L)	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Elective	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		

Term 3 31 - 47 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 BIO 160: Introduction to Anatomy and Physiology (SQ)	4	C	<ul style="list-style-type: none"> <li>Develop your <a href="#">skills</a>.</li> <li>Students who are planning to apply to graduate school for medicine, physical therapy, occupational therapy, dentistry, optometry or physician assistant or to a CHS clinical graduate program should take BIO 201 in Term 3 instead</li> </ul>
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Social-Behavioral Sciences (SB)	3		
Complete 2 courses:	6		
Elective			

❖ Complete HEP 102 course with a grade of "C" or better.

❖ Complete Mathematics (MA) requirement.

Complete First-Year Composition requirement.

Term hours subtotal: 16

of BIO 160, and BIO 202 in Term 4 instead of an elective.

Term 4 47 - 61 Credit Hours <b>Critical course signified by</b> ❖	Hours	Minimum Grade	Notes
❖ CHS 340: Health Theory	3	C	<ul style="list-style-type: none"> <li>Students who are planning to apply to graduate school for medicine, physical therapy, occupational therapy, dentistry, optometry or physician assistant or to a CHS clinical graduate program should take CHM 113. They should also take BIO 201 in Term 3 instead of BIO 160, and BIO 202 in Term 4 instead of an elective.</li> </ul>
CHM 107: Chemistry and Society (SQ) AND CHM 108: Chemistry and Society Laboratory (SQ) OR CHM 101: Introductory Chemistry (SQ) OR CHM 113: General Chemistry I (SQ) OR BIO 181: General Biology I (SQ)	4	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Elective	4		
Term hours subtotal:	14		

Term 5 61 - 76 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ HCD 300: Biostatistics (CS) OR SOC 390: Social Statistics I (CS) OR STP 226: Elements of Statistics (CS)	3	C	<ul style="list-style-type: none"> <li>Select an HEHP major elective from the list below.</li> <li>HEP 386 fulfills the college's experiential learning requirement.</li> <li>Develop your <b>professional online presence</b>.</li> </ul>
★ HEP 348: Methods of Health Education	3	C	
★ HEP 386: Assessing Strengths and Needs for Health Education and Promotion	3	C	
NTR 100: Introduction to Nutrition Science OR NTR 241: Human Nutrition	3	C	
HEHP Major Elective	3	C	
Term hours subtotal:	15		

Term 6 76 - 91 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ HEP 454: Health Promotion Program Planning and Implementation (L)	3	C	<ul style="list-style-type: none"> <li>Complete an in person or virtual <b>practice interview</b>.</li> <li>Visit the <b>CHS student website</b> to learn more about internship opportunities.</li> </ul>
HEP 444: Epidemiology	3	C	
HEP 452: Health Advocacy in Health Education	3	C	
HEP 466: Health Promotion Program Management and Administration	3	C	
Upper Division Elective OR CHS 484: Internship OR HEP 484: Internship	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 91 - 106 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Upper Division HEHP Major Elective	3	C	<ul style="list-style-type: none"> <li>Choose a track in either Clinical Health Education Specialist or Community Health Education Specialist and select a course from the appropriate track list below.</li> <li>Select an upper division HEHP major elective from the list below.</li> <li>Courses used to count toward a track cannot be used as an HEHP major elective.</li> </ul>
EXW 450: Social Determinants of Health and Health Behavior (L or SB) & C)	3	C	
Track Course	3	C	
Complete 2 courses: Elective	6		
Term hours subtotal:	15		



- Apply for full-time career opportunities.

Term 8 106 - 120 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ HEP 476: Community Health	3	C	<ul style="list-style-type: none"> <li>• Students should follow the same track list they chose from in Term 7.</li> <li>• Courses used to count toward a track cannot be used as an HEHP major elective.</li> </ul>
HEP 490: CHES Exam Preparation	1	C	
<i>Complete 2 courses:</i>			
Upper Division Track Course	6	C	
Upper Division Elective	2		
Elective	2		
Term hours subtotal:	14		

- Courses used to count toward a track cannot be used as an HEHP major elective.

Hide Course List(s)/Track Group(s)

HEHP Major Electives	Clinical Health Education Specialist Track	Community Health Education Specialist Track
CHS 484: Internship	HEP 371: Conflict Management and Mediation and Violence Prevention or HEP 443: Emotional Health and Interpersonal Relationships	HEP 303: Human Sexuality for Health Education
EXW 335: Physical Activity and Physiological Concepts	HEP 394: Diabetes Prevention & Management	HEP 361: Digital Health Communication and Education
EXW 344: Impact of Physical Activity on Health and Disease (L)	HEP 251: Preventing HIV and Substance Misuse or HEP 394: Health Advocacy for Special Populations	HEP 394: Health and Climate Change
EXW 400: Stress Management for Wellness		
HEP 241: Health Education Methods for Injury Prevention and Preparedness		
HEP 251: Preventing HIV and Substance Misuse		
HEP 303: Human Sexuality for Health Education		
HEP 350: Substance Use and Addictive Behaviors		
HEP 361: Digital Health Communication and Education		
HEP 371: Conflict Management and Mediation and Violence Prevention		
HEP 380: Body Image and Wellness		
HEP 394: Diabetes Prevention & Management		
HEP 394: Health Advocacy for Special Populations		
HEP 394: Health and Climate Change		
HEP 410: Obesity Perspectives and Prescriptions		

HEP 443: Emotional Health and Interpersonal Relationships

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HEP 448: Foundations of School Health Education

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HEP 456: Health Promotion Program Evaluation

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MED 325: Elements of Hospice and Palliative Care

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MED 375: Alzheimer's and Other Dementias (SB)

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MED 475: Palliative Care: Managing Complex Serious Illness

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**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map

### Health Education and Health Promotion, BS

School/College: [College of Health Solutions](#)




Location: [Online ASU Local](#)


NHHEHPBS


Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CHS 101: The ASU Experience for Health Solutions Students	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. College of Health Solutions students take CHS 101 to fulfill this requirement.</li> </ul>
HEP 102: Foundations of Health Education and Health Promotion	3	C	
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Term hours subtotal:	7		

Term 1 - B 7 - 13 Credit Hours	Hours	Minimum Grade	Notes
CHS 100: Optimizing Your Health and Performance (SB) OR CHS 300: An Exploration of Well-Being (SB)	3	C	<ul style="list-style-type: none"> <li>First-year students must take CHS 100; students who enter with more than 30 hours must take CHS 300 instead.</li> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> <li>Create a first draft <b>resume</b>.</li> </ul>
MAT course (MA) ( MAT 142 recommended)	3	C	
Term hours subtotal:	6		




Term 2 - A 13 - 19 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>Students who enter the major with fewer than 45 hours must take HEP 100; those who enter with at least 45 hours may take EXW 302.</li> <li>Visit the <a href="#">CHS Student Site</a> for resources, appointment scheduling, internship information, etc.</li> </ul>
EXW 302: Fundamentals of Wellness (L) OR HEP 100: Introduction to Health and Wellness (SB)	3	C	
Term hours subtotal:	6		

Term 2 - B 19 - 25 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 HEHP Major Elective	3	C	<ul style="list-style-type: none"> <li>Select an HEHP major elective from the list below.</li> <li>Join a <b>student club</b> or professional organization.</li> </ul>
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	6		

Term 3 - A 25 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
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 BIO 160: Introduction to Anatomy and Physiology (SQ)	4	C
Elective	3	
Term hours subtotal:	7	



- Students who are planning to apply to graduate school for medicine, physical therapy, occupational therapy, dentistry, optometry or physician assistant or to a CHS clinical graduate program should take BIO 201 in Term 3A instead of BIO 160, and BIO 202 in Term 3B.

Term 3 - B 32 - 38 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Elective	3		
 Complete HEP 102 course with a grade of "C" or better.			
 Complete Mathematics (MA) requirement.			
Complete First-Year Composition requirement.			
Term hours subtotal:	6		



- Develop your **skills**.
- Students who are planning to apply to graduate school for medicine, physical therapy, occupational therapy, dentistry, optometry or physician assistant or to a CHS clinical graduate program should take BIO 201 in Term 3A, instead of BIO 160, and BIO 202 in Term 3B as an elective.



Term 4 - A 38 - 45 Credit Hours	Hours	Minimum Grade	Notes
CHM 107: Chemistry and Society (SQ) AND CHM 108: Chemistry and Society Laboratory (SQ) OR CHM 101: Introductory Chemistry (SQ) OR CHM 113: General Chemistry I (SQ) OR BIO 181: General Biology I (SQ)	4	C	
Elective	3		
Term hours subtotal:	7		

- Students who are planning to apply to graduate school for medicine, physical therapy, occupational therapy, dentistry, optometry or physician assistant or to a CHS clinical graduate program should take CHM 113.



Term 4 - B 45 - 51 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CHS 340: Health Theory	3	C	
NTR 100: Introduction to Nutrition Science OR NTR 241: Human Nutrition	3	C	
Term hours subtotal:	6		

- Secure a **part-time job** or **volunteer experience**.

Term 5 - A 51 - 57 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 HCD 300: Biostatistics (CS) OR SOC 390: Social Statistics I (CS) OR STP 226: Elements of Statistics (CS)	3	C	
Elective	3		
Term hours subtotal:	6		

Term 5 - B 57 - 63 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 HEP 386: Assessing Strengths and Needs for Health Education and Promotion	3	C	
Elective	3		
Term hours subtotal:	6		

- HEP 386 fulfills the college's experiential learning requirement.
- Develop your **professional online presence**.

Term 6 - A 63 - 69 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 HEP 348: Methods of Health Education	3	C	
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	6		

Term 6 - B 69 - 75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
HEHP Major Elective	3	C	<ul style="list-style-type: none"> <li>• Select an HEHP major elective from the list below.</li> </ul>
Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 75 - 81 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ HEP 454: Health Promotion Program Planning and Implementation (L)	3	C	
HEP 444: Epidemiology	3	C	
Term hours subtotal:	6		

Term 7 - B 81 - 87 Credit Hours	Hours	Minimum Grade	Notes
HEP 452: Health Advocacy in Health Education	3	C	
Elective	3		
Term hours subtotal:	6		

Term 8 - A 87 - 93 Credit Hours	Hours	Minimum Grade	Notes
EXW 450: Social Determinants of Health and Health Behavior ((L or SB) & C)	3	C	
HEP 466: Health Promotion Program Management and Administration	3	C	
Term hours subtotal:	6		

Term 8 - B 93 - 100 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ HEP 476: Community Health	3	C	<ul style="list-style-type: none"> <li>• Complete an in person or virtual <b>practice interview</b>.</li> </ul>
HEP 490: CHES Exam Preparation	1	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	7		

Term 9 - A 100 - 106 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Upper Division HEHP Major Elective	3	C	<ul style="list-style-type: none"> <li>• Apply for <b>full-time career opportunities</b>.</li> <li>• Select an upper division HEHP major elective from the list below.</li> <li>• Choose a track in either Clinical Health Education Specialist or Community Health Education Specialist, and select a course from the appropriate track list below.</li> <li>• Courses used to count toward a track cannot be used as an HEHP major elective.</li> </ul>
Track Course	3	C	
Term hours subtotal:	6		

Term 9 - B 106 - 114 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Track Course	3	C	<ul style="list-style-type: none"> <li>• Students should select a course from the same track list they chose in Term 9A.</li> </ul>
Upper Division Elective	2		
Elective	3		

Term hours subtotal: 8

- Courses used to count toward a track cannot be used as an HEHP major elective.

Term 10 - A 114 - 120 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Upper Division Track Course	3	C	<ul style="list-style-type: none"> <li>• Students should continue to follow the same track list.</li> <li>• Courses used to count toward a track cannot be used as an HEHP major elective.</li> </ul>
Upper Division Elective	3		
Term hours subtotal:	6		

- Courses used to count toward a track cannot be used as an HEHP major elective.

Hide Course List(s)/Track Group(s)

Clinical Health Education Specialist Track	Community Health Education Specialist Track	HEHP Major Electives
HEP 251: Preventing HIV and Substance Misuse or HEP 394: Health Advocacy for Special Populations	HEP 303: Human Sexuality for Health Education	EXW 335: Physical Activity and Physiological Concepts
HEP 371: Conflict Management and Mediation and Violence Prevention or HEP 443: Emotional Health and Interpersonal Relationships	HEP 361: Digital Health Communication and Education	EXW 344: Impact of Physical Activity on Health and Disease (L)
HEP 394: Diabetes Prevention & Management	HEP 394: Health and Climate Change	EXW 400: Stress Management for Wellness
		HEP 241: Health Education Methods for Injury Prevention and Preparedness
		HEP 251: Preventing HIV and Substance Misuse
		HEP 303: Human Sexuality for Health Education
		HEP 350: Substance Use and Addictive Behaviors
		HEP 361: Digital Health Communication and Education
		HEP 371: Conflict Management and Mediation and Violence Prevention
		HEP 380: Body Image and Wellness
		HEP 394: Diabetes Prevention & Management
		HEP 394: Health Advocacy for Special Populations
		HEP 394: Health and Climate Change
		HEP 443: Emotional Health and Interpersonal Relationships
		HEP 448: Foundations of School Health Education
		HEP 456: Health Promotion Program Evaluation

**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.









## 2023 - 2024 Major Map

### Health Sciences, BS

School/College: [College of Health Solutions](#)



Location: [Downtown Phoenix, Polytechnic, West](#)



NHHSCBS




Term 1 0 - 16 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 CHS 101: The ASU Experience for Health Solutions Students	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. College of Health Solutions students take CHS 101 to fulfill this requirement.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
MAT course (MA)	3	C	
Humanities, Arts and Design (HU)	3		
Complete 2 courses:			
Elective ( SWU 250 recommended)	6		
Term hours subtotal:	16		
Term 2 16 - 32 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 HSC 210: Cultural Aspects of Health (C)	3	C	<ul style="list-style-type: none"> <li>First-year students must complete CHS 100; students who enter the major with more than 30 hours may complete CHS 300 instead.</li> <li>Students applying to the Mayo-Clinic Echocardiography program should take PHY 101 to fulfill the Natural Science (SQ) requirement and CHS 260 for the elective in this term.</li> <li>Join a <b>student club</b> or professional organization.</li> <li>Visit the <b>CHS Student Site</b> for resources, forms, appointment scheduling, internship information, etc.</li> </ul>
CHS 100: Optimizing Your Health and Performance (SB) OR CHS 300: An Exploration of Well-Being (SB)	3	C	
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Natural Science - Quantitative (SQ)	4		
Elective	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		
Term 3 32 - 48 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 PSY 101: Introduction to Psychology (SB) OR SOC 101: Introductory Sociology (SB)	3	C	<ul style="list-style-type: none"> <li>Students applying to the Mayo-Clinic Echocardiography program should take BIO 201 to fulfill the Natural Science (SQ or SG) requirement and COM 225 as an elective in this term.</li> <li>Develop your <b>skills</b>.</li> </ul>
HCD 330: Health Care Systems in the U.S.	3	C	
Natural Science - Quantitative (SQ) ( BIO 160 recommended) OR			
Natural Science - General (SG) ( BIO 201 recommended)	4		
Complete 2 courses:			
Elective	6		
 Complete Mathematics (MA) requirement.			





Term hours subtotal: 16

Term 4 48 - 63 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
HEP 102: Foundations of Health Education and Health Promotion OR NTR 100: Introduction to Nutrition Science OR POP 100: Introduction to Population Health	3	C	<ul style="list-style-type: none"> <li>• Students applying to the Mayo-Clinic Echocardiography program should take BIO 202 as one of their electives in this term.</li> <li>• Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> </ul>
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Literacy and Critical Inquiry (L)	3		
Complete 2 courses: Elective	6		
 Complete HCD 330 course(s) with a grade of "C" or better.			
Term hours subtotal:		15	

Term 5 63 - 78 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 HCD 300: Biostatistics (CS)	3	C	<ul style="list-style-type: none"> <li>• Develop your professional <b>online presence</b>.</li> </ul>
 HCD 303: Global Health Care Systems (G)	3	C	
MED 300: Historical and Contemporary Issues in Health (L)	3	C	
MED 320: Applied Medical/Health Care Ethics (HU)	3	C	
Elective	3		
Term hours subtotal:		15	

Term 6 78 - 93 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 HSC 310: Health Communication	3	C	<ul style="list-style-type: none"> <li>• Students must select at least three courses from a single focus area list below, and then select from any combination of the focus area lists to complete a total of 15 credit hours.</li> <li>• All CHS students must complete a minimum of three credits of experiential learning. Select a course from the list below to take in term 7 and visit the <b>CHS student website</b> for more information on opportunities, including research and internships, specific to your major.</li> <li>• Students who plan to take MED 484 as their experiential learning course in term 7 must have a minimum cumulative 3.00 GPA at the end of term 6.</li> </ul>
Complete 2 courses: Focus Area Course	6	C	
Complete 2 courses: Upper Division Elective	6		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:		15	

Term 7 93 - 108 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 Complete 2 courses: Upper Division Focus Area Course	6	C	<ul style="list-style-type: none"> <li>• Students must select at least three courses from a single focus area list below, and then select from any combination of the focus area lists to complete a total of 15 credit hours.</li> <li>• Select an experiential learning course from the list below and visit the <b>CHS student website</b> for more information on opportunities specific to your major.</li> <li>• Students who choose to enroll in MED 484 as their experiential learning course must have a minimum cumulative 3.00 GPA.</li> </ul>
MED 450: Leadership and Professionalism	3	C	
Experiential Learning Course	3	C	
Upper Division Elective	3		
Term hours subtotal:		15	

- Use Handshake to research **employment opportunities**.
- Gather **professional references**.

Term 8 108 - 120 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Upper Division Focus Area Course	3	C	<ul style="list-style-type: none"> <li>• Students must select at least three courses from a single focus area list below, and then select from any combination of the focus area lists to complete a total of 15 credit hours.</li> <li>• Apply for <b>full-time career opportunities</b>.</li> </ul>
..... Complete 2 courses:			
Upper Division Elective	6		
..... Elective	3		
..... Term hours subtotal:	12		

- Focus Areas provide students an opportunity to focus their studies in a particular area of interest or expand their knowledge in various areas. Students must select at least three courses from a single focus area list, and can then select from any combination of the focus area lists to complete a total of 15 credit hours, nine of which must be upper division.
- Students interested in applying to the Mayo School of Health Sciences Echocardiography program must complete all prerequisite courses prior to matriculation to the 21 month professional program at Mayo. Students must be accepted into the program, which has limited slots for admission. For admission criteria and application process, go [here](#). If a student is accepted for the program, completion requires the student to attend ASU to meet our remaining requirements in the summer prior to the beginning of the program. Students must work closely with their ASU academic advisor to make certain all prerequisites have been met. Upon successful completion of the Echocardiography curriculum at Mayo, the student must have the credits transferred back to ASU for acceptance as a block. At that time, the student may apply for graduation from ASU with the BS in Health Sciences.
- Students interested in the Health and Media focus area are encouraged to take at least two MCO courses offered by the Walter Cronkite School of Journalism and Mass Communication.
- Students interested in taking SPA courses to fulfill focus area requirements should plan ahead to complete prerequisites or the appropriate placement exam. Contact <https://cisa.asu.edu/advising> for more information on placement.
- CHS students are required to complete a minimum of three credits of experiential learning coursework. A list of recommended courses is below. The **CHS student website** also has up to date information on opportunities to fulfill this requirement, including research and internships, that are relevant to each major. Students should contact their academic advisor with any questions.
- Students who use a Focus Area course to fulfill the experiential learning requirement will need to complete an additional three credit upper division elective.

Hide Course List(s)/Track Group(s)

Community-based Health Outcomes Focus Area	Health Legislation and Regulation Focus Area	Health and Media Focus Area
HCD 420: Population Health Management	HCD 201: Economics for Health Majors	HEP 361: Digital Health Communication and Education
HEP 241: Health Education Methods for Injury Prevention and Preparedness	HCD 302: Health Care Management	HEP 452: Health Advocacy in Health Education
HEP 394: Health and Climate Change	HCD 304: Health Care Finance	MCO 307: The Digital Audience
HEP 466: Health Promotion Program Management and Administration	HCD 332: Population Health Policy and Legislation	MCO 425: Digital Media Literacy I
MED 417: Impact of Violence on Health	HCD 400: Interpreting the Scientific Literature	MCO 426: Digital Media Literacy II
	HCD 402: Health Economics	MCO 427: Misinformation and Society

PBH 422: Health Disparities and Access to Health	HSC 432: Legal Issues in Health Care	MCO 494: Podcasting
SPA 318: Advanced Spanish for Health Care Professionals	PAF 340: Contemporary Policy Challenges	NTR 453: Nutrition and the Media
SPA 405: Latino Cultural Perspectives for the Professions ((L or HU) & C & G)		
SPA 406: Introduction to Spanish/English Medical Interpretation		
<b>Integrated Care Focus Area</b>	<b>Language, Speech and Communication Focus Area</b>	<b>Mayo-Clinic Echocardiography Prerequisites</b>
CHS 340: Health Theory	SHS 205: Exploring Communication Disorders in Children and Adults AND SHS 250: Introduction to Phonetics	BIO 201: Human Anatomy and Physiology I (SG)
HEP 251: Preventing HIV and Substance Misuse	SHS 310: Anatomical and Physiological Bases of Speech	BIO 202: Human Anatomy and Physiology II (SG)
HEP 350: Substance Use and Addictive Behaviors	SHS 311: Hearing Science	CHS 260: Health Professions Terminology
HEP 380: Body Image and Wellness	SHS 367: Language Science (SB)	COM 225: Public Speaking (L)
HSC 300: Complementary Health Care	SHS 375: Speech Science	PHY 101: Introduction to Physics (SQ)
HSC 355: Eating for Lifelong Health (SB)	SHS 401: Principles of Audiology	
HSC 410: Supporting the Health of Older Adults	SHS 465: Speech and Language Acquisition (SB)	
HSC 412: Health Issues in Later Life	SHS 496: Aural Rehabilitation	
HSC 440: Health Coaching Concepts and Skills		
MED 445: Prevention and Management of Chronic Disease		
NTR 480: Integrative and Functional Nutrition		
<b>Experiential Learning Course</b>		
The following courses are the most relevant for your major, but other options may be possible. See your advisor.		
CHS 280: Experiential Community Health and Research		
CHS 394: CHS Peer Instructional Facilitator		
CHS 484: Applied Health Experience		
CHS 484: Citizen Science in Health		
CHS 484: Translational Research		
CHS 493: Honors Thesis (L)		
CHS 494: Advanced Undergraduate Teaching Assistant		
CHS 494: Undergraduate Research		
HCR 471: Interprofessional Education and Community Health		

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HEP 386: Assessing Strengths and Needs for Health Education and Promotion

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HSC 484: Internship

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MED 325: Elements of Hospice and Palliative Care

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MED 375: Alzheimer's and Other Dementias (SB)

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MED 475: Palliative Care: Managing Complex Serious Illness

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MED 484: Internship

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MED 494: Introduction To Clinical Healthcare

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**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.





## 2023 - 2024 Major Map

### Health Sciences, BS




School/College: [College of Health Solutions](#)

Location: [Online ASU Local](#)



NHHSCBS

Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CHS 101: The ASU Experience for Health Solutions Students	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. College of Health Solutions students take CHS 101 to fulfill this requirement.</li> <li>Build your professional connections -- join the ASU Mentor Network.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Elective	3		
Term hours subtotal:	7		
Term 1 - B 7 - 13 Credit Hours	Hours	Minimum Grade	Notes
HSC 210: Cultural Aspects of Health (C)	3	C	<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> </ul>
MAT course (MA) (MAT 142 recommended)	3	C	
Term hours subtotal:	6		
Term 2 - A 13 - 19 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR			<ul style="list-style-type: none"> <li>Visit the <a href="#">CHS Student Site</a> for resources, appointment scheduling, internship information, etc.</li> </ul>
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	6		
Term 2 - B 19 - 25 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
CHS 100: Optimizing Your Health and Performance (SB) OR CHS 300: An Exploration of Well-Being (SB)	3	C	<ul style="list-style-type: none"> <li>Join a <a href="#">student club</a> or professional organization.</li> <li>Students who enter as first-year students must complete CHS 100; students who enter with more than 30 hours may complete CHS 300 instead.</li> </ul>
Elective	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	6		
Term 3 - A 25 - 32 Credit Hours	Hours	Minimum Grade	Notes
HEP 102: Foundations of Health Education and Health Promotion OR			
NTR 100: Introduction to Nutrition Science OR POP 100: Introduction to Population Health	3	C	
Natural Science - Quantitative (SQ)	4		



Term hours subtotal: 7

Term 3 - B 32 - 38 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 PSY 101: Introduction to Psychology (SB) OR SOC 101: Introductory Sociology (SB)	3	C	
HCD 330: Health Care Systems in the U.S.	3		
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	6		

Term 4 - A 38 - 45 Credit Hours	Hours	Minimum Grade	Notes
Humanities, Arts and Design (HU)	3		
Natural Science - Quantitative (SQ) ( BIO 160 recommended) OR Natural Science - General (SG) ( BIO 201 recommended)	4		
Term hours subtotal:	7		

Term 4 - B 45 - 51 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
Literacy and Critical Inquiry (L)	3		
Elective	3		
 Complete HCD 330 course(s) with a grade of "C" or better.			<ul style="list-style-type: none"> <li>Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> </ul>
Term hours subtotal:	6		

Term 5 - A 51 - 57 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses: Elective	6		
Term hours subtotal:	6		

Term 5 - B 57 - 63 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 HCD 300: Biostatistics (CS)	3	C	
Elective	3		
Term hours subtotal:	6		

Term 6 - A 63 - 69 Credit Hours	Hours	Minimum Grade	Notes
HCD 303: Global Health Care Systems (G)	3	C	
Elective	3		
Term hours subtotal:	6		<ul style="list-style-type: none"> <li>Develop your professional <b>online presence</b>.</li> </ul>

Term 6 - B 69 - 75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 MED 320: Applied Medical/Health Care Ethics (HU)	3	C	
Upper Division Elective	3		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 75 - 81 Credit Hours	Hours	Minimum Grade	Notes
MED 300: Historical and Contemporary Issues in Health (L)	3	C	
Elective	3		

Term hours subtotal: 6

- Use Handshake to research **employment opportunities**.

Term 7 - B 81 - 87 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ HSC 310: Health Communication	3	C	
Elective	3		
Term hours subtotal:	6		

Term 8 - A 87 - 93 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Focus Area Course	3	C	<ul style="list-style-type: none"> <li>• Students must select at least three courses from a single focus area list below, and then select from an any combination of the focus area lists to complete a total of 15 credit hours.</li> </ul>
Upper Division Elective	3		
Term hours subtotal:	6		

Term 8 - B 93 - 99 Credit Hours	Hours	Minimum Grade	Notes
Focus Area Course	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		

Term 9 - A 99 - 105 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Upper Division Focus Area Course	3	C	<ul style="list-style-type: none"> <li>• Students must select at least three courses from a single focus area list below, and then select from an any combination of the focus area lists to complete a total of 15 credit hours.</li> <li>• All CHS students must complete a minimum of three credits of experiential learning. Select a course from the list below to take in Term 10A and visit the <b>CHS student website</b> for more information on opportunities, including research and internships, specific to your major.</li> </ul>
MED 450: Leadership and Professionalism	3	C	
Term hours subtotal:	6		

Term 9 - B 105 - 111 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Focus Area Course	3	C	<ul style="list-style-type: none"> <li>• Gather <b>professional references</b>.</li> </ul>
Upper Division Elective	3		
Term hours subtotal:	6		

Term 10 - A 111 - 117 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Experiential Learning Course	3	C	<ul style="list-style-type: none"> <li>• Select an experiential learning course from the list below and visit the <b>CHS student website</b> for more information on opportunities specific to your major.</li> </ul>
Upper Division Elective	3		
Term hours subtotal:	6		

Term 10 - B 117 - 120 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Focus Area Course	3	C	<ul style="list-style-type: none"> <li>• Students must select at least three courses from a single focus area list below, and then select</li> </ul>
Term hours subtotal:	3		

from an any combination of the focus area lists to complete a total of 15 credit hours.

- Focus Areas provide students an opportunity to focus their studies in a particular area of interest or expand their knowledge in various areas. Students must select at least three courses from a single focus area list, and can then select from any combination of the focus area lists to complete a total of 15 credit hours, nine of which must be upper division.
- Students interested in the Health and Media focus area are encouraged to take at least two MCO courses offered by the Walter Cronkite School of Journalism and Mass Communication.
- CHS students are required to complete a minimum of three credits of experiential learning coursework. A list of recommended courses is below. The [CHS student website](#) also has up to date information on opportunities to fulfill this requirement, including research and internships, that are relevant to each major. Students should contact their academic advisor with any questions.
- Students who use a Focus Area course to fulfill the experiential learning requirement will need to complete an additional three credit upper division elective.

Hide Course List(s)/Track Group(s)

Community-based Health Outcomes Focus Area	Health Legislation and Regulation Focus Area	Health and Media Focus Area
HCD 420: Population Health Management	HCD 201: Economics for Health Majors	HEP 361: Digital Health Communication and Education
HEP 241: Health Education Methods for Injury Prevention and Preparedness	HCD 302: Health Care Management	HEP 452: Health Advocacy in Health Education
HEP 466: Health Promotion Program Management and Administration	HCD 304: Health Care Finance	MCO 307: The Digital Audience
MED 417: Impact of Violence on Health	HCD 332: Population Health Policy and Legislation	MCO 425: Digital Media Literacy I
PBH 422: Health Disparities and Access to Health	HCD 400: Interpreting the Scientific Literature	MCO 426: Digital Media Literacy II
	HCD 402: Health Economics	MCO 427: Misinformation and Society
	HSC 432: Legal Issues in Health Care	MCO 494: Podcasting
	PAF 340: Contemporary Policy Challenges	NTR 453: Nutrition and the Media
Integrated Care Focus Area	Language, Speech and Communication Focus Area	Experiential Learning Course
CHS 340: Health Theory	SHS 205: Exploring Communication Disorders in Children and Adults AND SHS 250: Introduction to Phonetics	The following courses are the most relevant for your major, but other options may be possible. See your advisor.
HEP 251: Preventing HIV and Substance Misuse	SHS 310: Anatomical and Physiological Bases of Speech	CHS 280: Experiential Community Health and Research
HEP 350: Substance Use and Addictive Behaviors	SHS 311: Hearing Science	CHS 394: CHS Peer Instructional Facilitator
HEP 380: Body Image and Wellness	SHS 367: Language Science (SB)	CHS 484: Applied Health Experience
HSC 300: Complementary Health Care	SHS 375: Speech Science	CHS 484: Citizen Science in Health
HSC 355: Eating for Lifelong Health (SB)	SHS 401: Principles of Audiology	CHS 484: Translational Research
HSC 410: Supporting the Health of Older Adults	SHS 465: Speech and Language Acquisition (SB)	CHS 494: Advanced Undergraduate Teaching Assistant
HSC 412: Health Issues in Later Life	SHS 496: Aural Rehabilitation	CHS 494: Undergraduate Research



HSC 440: Health Coaching Concepts and Skills

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MED 445: Prevention and Management of Chronic Disease

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HEP 386: Assessing Strengths and Needs for Health Education and Promotion

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HSC 484: Internship

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**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment score** determines placement in first mathematics course.

**Total Hours:** 120

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**Total hrs at ASU:** 30 minimum

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**Academic Recognition:** 56 minimum

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**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.













## 2023 - 2024 Major Map

### Health Sciences (Healthy Lifestyles and Fitness Science), BS

School/College: [College of Health Solutions](#)

Location: [Downtown Phoenix, Polytechnic, West](#)

NUHSCHLCBS

Term 1 0 - 14 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 CHM 101: Introductory Chemistry (SQ) OR CHM 113: General Chemistry I (SQ)	4	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all freshman students. College of Health Solutions students take CHS 101 to fulfill this requirement.</li> </ul>
 CHS 101: The ASU Experience for Health Solutions Students	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT course (MA)	3	C	
Elective	3		
Term hours subtotal:	14		
Term 2 14 - 30 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 BIO 160: Introduction to Anatomy and Physiology (SQ) OR BIO 201: Human Anatomy and Physiology I (SG)	4	C	<ul style="list-style-type: none"> <li>Join a <a href="#">student club</a> or professional organization such as the <a href="#">Healthy Lifestyles Organization at ASU</a>.</li> <li>First-year students must complete CHS 100; students who enter the major with more than 30 hours may complete CHS 300 instead.</li> <li>Visit the <a href="#">CHS Student Site</a> for resources, forms, appointment scheduling, internship information, etc.</li> </ul>
 EXW 101: Foundations of Health and Fitness Science	3	C	
CHS 100: Optimizing Your Health and Performance (SB) OR CHS 300: An Exploration of Well-Being (SB)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Elective	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		
Term 3 30 - 45 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 EXW 215: Resistance Training and Recovery Techniques OR EXW 217: Cardiorespiratory and Flexibility Training	3	C	<ul style="list-style-type: none"> <li>Develop your <a href="#">skills</a>.</li> </ul>
 HCD 300: Biostatistics (CS) OR STP 231: Statistics for Life Science (CS) OR SOC 390: Social Statistics I (CS)	3	C	
 NTR 241: Human Nutrition	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Elective	3		
 Complete Mathematics (MA) requirement.			

Complete First-Year Composition requirement.

Term hours subtotal: 15

Term 4 45 - 60 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
⚠ EXW 215: Resistance Training and Recovery Techniques OR EXW 217: Cardiorespiratory and Flexibility Training	3	C	<ul style="list-style-type: none"> <li>• Explore a certificate such as <b>Health and Wellness Coach, Health Education Specialist</b> or <b>Personal Fitness Training</b>.</li> <li>• Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> </ul>
⚠ PSY 101: Introduction to Psychology (SB)	3	C	
MED 320: Applied Medical/Health Care Ethics (HU)	3	C	
NTR 290: Introduction to Evidence-Based Research in Nutrition (L)	3	C	
Elective	3		

Term hours subtotal: 15

Term 5 60 - 75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ CHS 340: Health Theory	3	C	<ul style="list-style-type: none"> <li>• Students may select Focus Area Electives from any combination of the focus area lists below to complete a total of 12 credit hours, six of which must be upper division.</li> <li>• Students who complete this program may be eligible to sit for <b>national certification exams</b>. Contact your advisor for more information.</li> <li>• Develop your <b>professional online presence</b>.</li> </ul>
★ EXW 335: Physical Activity and Physiological Concepts	3	C	
HEP 410: Obesity Perspectives and Prescriptions	3	C	
Focus Area Elective	3	C	
Global Awareness (G)	3		

Term hours subtotal: 15

Term 6 75 - 90 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ HSC 300: Complementary Health Care	3	C	<ul style="list-style-type: none"> <li>• Students may select Focus Area Electives from any combination of the focus area lists below to complete a total of 12 credit hours, six of which must be upper division.</li> <li>• Explore health related graduate programs such as <b>Addiction and Substance-Use Related Disorders, Nutritional Science</b> or <b>Science of Health Care Delivery</b>.</li> </ul>
EXW 344: Impact of Physical Activity on Health and Disease (L)	3	C	
HSC 355: Eating for Lifelong Health (SB)	3	C	
HSC 440: Health Coaching Concepts and Skills	3	C	
Focus Area Elective	3	C	

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 15

Term 7 90 - 105 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ EXW 400: Stress Management for Wellness	3	C	<ul style="list-style-type: none"> <li>• Students may select Focus Area Electives from any combination of the focus area lists below to complete a total of 12 credit hours, six of which must be upper division.</li> <li>• All CHS students must complete a minimum of three credits of experiential learning. Select a course from the list below to take in Term 8, and visit the <b>CHS student website</b> for more information on opportunities, including research and internships, specific to your major.</li> <li>• Gather <b>professional references</b>.</li> <li>• Use Handshake to research <b>employment opportunities</b>.</li> </ul>
EXW 425: Exercise Prescription for Health and Wellness	3	C	
EXW 450: Social Determinants of Health and Health Behavior (L or SB) & C)	3	C	
HEP 350: Substance Use and Addictive Behaviors	3	C	
Upper Division Focus Area Elective	3	C	

Term hours subtotal: 15

Term 8 105 - 120 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
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★ EXW 446: Worksite Wellness OR HEP 452: Health Advocacy in Health Education OR NTR 360: Nutrition Entrepreneurship OR SSP 320: Coaching Leadership, Performance Team and Facility Management	3	C
Upper Division Focus Area Elective	3	C
Experiential Learning Course	3	C
Complete 2 courses: Elective	6	
Term hours subtotal:	15	

- Select an experiential learning course from the list below and visit the **CHS student website** for more information on opportunities specific to your major.
- Students may select Focus Area Electives from any combination of the focus area lists below to complete a total of 12 credit hours, six of which must be upper division.
- Students who use NTR 360 or a focus area elective to fulfill the experiential learning requirement will need to complete an additional three credit upper division elective.
- Apply for **career opportunities**.

- Students may select courses from any combination of the focus area lists to expand their knowledge in different areas. The lists are separated into several categories that span the field of healthy lifestyles and health sciences. A total of 12 credit hours of focus area courses must be completed, six of which must be upper division.
- CHS students are required to complete a minimum of three credits of experiential learning coursework. A list of recommended courses is below. The **CHS student website** also has up to date information on opportunities to fulfill this requirement, including research and internships, that are relevant to each major. Students should contact their academic advisor with any questions.
- Students must complete EXW 446, HEP 452, NTR 360, or SSP 320 in order to fulfill a major requirement. If more than one course from this list is taken, the excess course(s) may be used toward a Focus Area.

Hide Course List(s)/Track Group(s)

Health Care Compliance and Regulations Focus Area	Health Education and Promotion Focus Area	Health Leadership and Management Focus Area
ASB 462: Medical Anthropology: Culture and Health (SB & C)	EXW 325: Fitness for Life	EXW 446: Worksite Wellness
HCD 303: Global Health Care Systems (G)	HCR 471: Interprofessional Education and Community Health	HCD 201: Economics for Health Majors
HCD 330: Health Care Systems in the U.S.	HEP 303: Human Sexuality for Health Education	HCD 302: Health Care Management
HCD 332: Population Health Policy and Legislation	HEP 371: Conflict Management and Mediation and Violence Prevention	HCD 420: Population Health Management
HCD 404: Advanced Concepts in the Science of Health Care Delivery	HEP 380: Body Image and Wellness	HCR 435: Leaders in Community Health
HCR 259: Compliance and the Health Care Industry	HEP 452: Health Advocacy in Health Education	HCR 473: Interprofessional Education and Comprehensive Systems Health
HCR 263: Introduction to Medical Billing and Compliance	HEP 454: Health Promotion Program Planning and Implementation (L)	HEP 361: Digital Health Communication and Education
HCR 360: Data Security and Privacy in Health Care Compliance	HEP 456: Health Promotion Program Evaluation	HSC 310: Health Communication
HSC 432: Legal Issues in Health Care	HEP 466: Health Promotion Program Management and Administration	MED 394: Healthcare and Humanities
	HEP 476: Community Health	MED 450: Leadership and Professionalism
		PAF 311: Leadership and Change (SB)
		SOS 385: Business and Sustainability I

PBH 422: Health Disparities and Access to Health	HSC 210: Cultural Aspects of Health (C)	
	HSC 412: Health Issues in Later Life	
SOC 427: Sociology of Health and Illness (SB)		
<b>Health Psychology Focus Area</b>	<b>Healthy Nutrition Focus Area</b>	<b>Integrated and Integrative Health Focus Area</b>
HEP 443: Emotional Health and Interpersonal Relationships	NTR 142: Applied Food Principles	HCR 240: Human Pathophysiology
PBH 410: Public Mental Health	NTR 345: Development of Healthy Cuisines	HCR 241: Foundations of Integrative Health
PSY 290: Research Methods (L or SG)	NTR 348: Cultural Aspects of Food (SB & C & G)	HCR 245: Sleep, Sleep Disorders and Behavior (SB)
PSY 304: Effective Thinking (L)	NTR 351: Nutrition Communication (L)	HCR 341: Biological, Manipulative, and Body-Based Therapies
PSY 315: Personality Theory and Research (SB)	NTR 353: The Western Diet	HCR 342: Mind-Body and Energy Therapies and Modalities
PSY 341: Developmental Psychology (SB)	NTR 390: Current Nutrition Research	HCR 472: Interprofessional Education and Complex Health
PSY 350: Social Psychology (SB)	NTR 448: Community Nutrition (L)	HSC 410: Supporting the Health of Older Adults
PSY 366: Psychological Disorders (SB)	NTR 453: Nutrition and the Media	MED 300: Historical and Contemporary Issues in Health (L)
PSY 462: Health Psychology	NTR 490: Undergraduate Research Methods in Nutrition	MED 445: Prevention and Management of Chronic Disease
		MED 475: Palliative Care: Managing Complex Serious Illness
<b>Experiential Learning Course</b>		
The following courses are the most relevant for your major, but other options may be possible. See your advisor.		
CHS 280: Experiential Community Health and Research		
CHS 394: CHS Peer Instructional Facilitator		
CHS 400: Adaptive Exercise Program Practical Experience		
CHS 484: Applied Health Experience		
CHS 484: Citizen Science in Health		
CHS 484: Translational Research		
CHS 493: Honors Thesis (L)		
CHS 494: Advanced Undergraduate Teaching Assistant		
CHS 494: Undergraduate Research		
HCR 471: Interprofessional Education and Community Health		

HSC 441: Applied Health Coaching  
Techniques

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HSC 484: Internship

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MED 325: Elements of Hospice and Palliative  
Care

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MED 375: Alzheimer's and Other Dementias  
(SB)

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MED 475: Palliative Care: Managing Complex  
Serious Illness

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NTR 360: Nutrition Entrepreneurship

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- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

## 2023 - 2024 Major Map

### Health Sciences (Healthy Lifestyles and Fitness Science), BS











School/College: [College of Health Solutions](#)

Location: [Online ASU Local](#)

NUHSCHLCBS

#### **FT** Fast Track Options: 3 Year

A student must speak with an advisor in order to be added to a fast track plan.

Term 1 - A 0 - 7 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 CHS 101: The ASU Experience for Health Solutions Students	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. College of Health Solutions students take CHS 101 to fulfill this requirement.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
MAT course (MA) (MAT 142 recommended)	3	C	
Term hours subtotal:	7		
Term 1 - B 7 - 11 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 CHM 101: Introductory Chemistry (SQ) OR CHM 113: General Chemistry I (SQ)	4	C	<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> </ul>
Term hours subtotal:	4		
Term 2 - A 11 - 18 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 BIO 160: Introduction to Anatomy and Physiology (SQ) OR BIO 201: Human Anatomy and Physiology I (SG)	4	C	<ul style="list-style-type: none"> <li>Join a <a href="#">student club</a> or professional organization such as the <a href="#">Healthy Lifestyles Organization at ASU</a>.</li> <li>Visit the <a href="#">CHS Student Site</a> for resources, forms, appointment scheduling, internship information, etc.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Term hours subtotal:	7		
Term 2 - B 18 - 24 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 EXW 101: Foundations of Health and Fitness Science	3	C	<ul style="list-style-type: none"> <li>First-year students must complete CHS 100; students who enter the major with more than 30 hours may complete CHS 300 instead.</li> </ul>
CHS 100: Optimizing Your Health and Performance (SB) OR CHS 300: An Exploration of Well-Being (SB)	3	C	
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	6		
Term 3 - A 24 - 30 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes

❗ EXW 215: Resistance Training and Recovery Techniques OR EXW 217: Cardiorespiratory and Flexibility Training	3	C
❗ NTR 241: Human Nutrition	3	C
Term hours subtotal:	6	

Term 3 - B 30 - 36 Credit Hours Critical course signified by ❗	Hours	Minimum Grade	Notes
❗ HCD 300: Biostatistics (CS) OR STP 231: Statistics for Life Science (CS) OR SOC 390: Social Statistics I (CS)	3	C	• Develop your skills.
Global Awareness (G)	3		
❗ Complete Mathematics (MA) requirement. Complete First-Year Composition requirement.			
Term hours subtotal:	6		

Term 4 - A 36 - 42 Credit Hours Critical course signified by ❗	Hours	Minimum Grade	Notes
❗ EXW 215: Resistance Training and Recovery Techniques OR EXW 217: Cardiorespiratory and Flexibility Training	3	C	• Explore a certificate such as Health and Wellness Coach, Health Education Specialist or Personal Fitness Training.
❗ PSY 101: Introduction to Psychology (SB)	3	C	
Term hours subtotal:	6		

Term 4 - B 42 - 48 Credit Hours	Hours	Minimum Grade	Notes
NTR 290: Introduction to Evidence-Based Research in Nutrition (L)	3	C	• Secure a part-time job or volunteer experience.
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	6		

Term 5 - A 48 - 54 Credit Hours	Hours	Minimum Grade	Notes
EXW 335: Physical Activity and Physiological Concepts	3	C	• Students who complete this program may be eligible to sit for national certification exams. Contact your advisor for more information.
MED 320: Applied Medical/Health Care Ethics (HU)	3	C	
Term hours subtotal:	6		

Term 5 - B 54 - 60 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CHS 340: Health Theory	3	C	• Develop your professional online presence.
HSC 300: Complementary Health Care	3	C	
Term hours subtotal:	6		

Term 6 - A 60 - 66 Credit Hours	Hours	Minimum Grade	Notes
HEP 410: Obesity Perspectives and Prescriptions	3	C	• Students may select Focus Area Electives from any combination of the focus area lists below to complete a total of 12 credit hours, six of which must be upper division.
Focus Area Elective	3	C	
Term hours subtotal:	6		

Term 6 - B 66 - 72 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
EXW 344: Impact of Physical Activity on Health and Disease (L)	3	C	
HSC 440: Health Coaching Concepts and Skills	3	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			



Term hours subtotal: 6

Term 7 - A 72 - 78 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ HSC 355: Eating for Lifelong Health (SB)	3	C	<ul style="list-style-type: none"> <li>Explore health related graduate programs such as <b>Addiction and Substance-Use Related Disorders, Nutritional Science or Science of Health Care Delivery.</b></li> </ul>
HEP 350: Substance Use and Addictive Behaviors	3	C	
Term hours subtotal:	6		

Term 7 - B 78 - 84 Credit Hours	Hours	Minimum Grade	Notes
EXW 400: Stress Management for Wellness	3	C	<ul style="list-style-type: none"> <li>Students may select Focus Area Electives from any combination of the focus area lists below to complete a total of 12 credit hours, six of which must be upper division.</li> <li>Use Handshake to research <b>employment opportunities.</b></li> </ul>
Focus Area Elective	3	C	
Term hours subtotal:	6		

Term 8 - A 84 - 90 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Upper Division Focus Area Elective	3	C	<ul style="list-style-type: none"> <li>Students may select Focus Area Electives from any combination of the focus area lists below to complete a total of 12 credit hours, six of which must be upper division.</li> </ul>
Elective	3		
Term hours subtotal:	6		

Term 8 - B 90 - 96 Credit Hours	Hours	Minimum Grade	Notes
EXW 450: Social Determinants of Health and Health Behavior ((L or SB) & C)	3	C	<ul style="list-style-type: none"> <li>All CHS students must complete a minimum of three credits of experiential learning. Select a course from the list below to take in Term 9-B and visit the <b>CHS student website</b> for more information on opportunities, including research and internships, specific to your major.</li> <li>Gather <b>professional references.</b></li> </ul>
Upper Division Focus Area Elective	3	C	
Term hours subtotal:	6		

Term 9 - A 96 - 102 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ EXW 425: Exercise Prescription for Health and Wellness	3	C	<ul style="list-style-type: none"> <li>Students may select Focus Area Electives from any combination of the focus area lists below to complete a total of 12 credit hours, six of which must be upper division.</li> </ul>
Elective	3		
Term hours subtotal:	6		

Term 9 - B 102 - 108 Credit Hours	Hours	Minimum Grade	Notes
Experiential Learning Course	3	C	<ul style="list-style-type: none"> <li>Select an experiential learning course from the list below and visit the <b>CHS student website</b> for more information on opportunities specific to your major.</li> <li>Students who use NTR 360 or a focus area elective to fulfill the experiential learning requirement will need to complete an additional three credit upper division elective.</li> </ul>
Elective	3		
Term hours subtotal:	6		

Term 10 - A 108 - 114 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ EXW 446: Worksite Wellness OR HEP 452: Health Advocacy in Health Education OR NTR 360: Nutrition Entrepreneurship	3	C	• Apply for full-time career opportunities
Elective	3		
Term hours subtotal:	6		

Term 10 - B 114 - 120 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses:			
Elective	6		
Term hours subtotal:	6		

- Students may select courses from any combination of the focus area lists to expand their knowledge in different areas. The lists are separated into several categories that span the field of healthy lifestyles and health sciences. A total of 12 credit hours of focus area courses must be completed, six of which must be upper division.
- CHS students are required to complete a minimum of three credits of experiential learning coursework. A list of recommended courses is below. The [CHS student website](#) also has up to date information on opportunities to fulfill this requirement, including research and internships, that are relevant to each major. Students should contact their academic advisor with any questions.
- Students must complete EXW 446, HEP 452 or NTR 360 in order to fulfill a major requirement. If more than one course from this list is taken, the excess course(s) may be used toward a Focus Area.

Hide Course List(s)/Track Group(s)

Health Care Compliance and Regulations Focus Area	Health Education and Promotion Focus Area	Health Leadership and Management Focus Area
ASB 462: Medical Anthropology: Culture and Health (SB & C)	EXW 325: Fitness for Life	EXW 446: Worksite Wellness
HCD 303: Global Health Care Systems (G)	HEP 303: Human Sexuality for Health Education	HCD 201: Economics for Health Majors
HCD 330: Health Care Systems in the U.S.	HEP 371: Conflict Management and Mediation and Violence Prevention	HCD 302: Health Care Management
HCD 332: Population Health Policy and Legislation	HEP 380: Body Image and Wellness	HCD 420: Population Health Management
HCD 404: Advanced Concepts in the Science of Health Care Delivery	HEP 452: Health Advocacy in Health Education	HCR 435: Leaders in Community Health
HCR 259: Compliance and the Health Care Industry	HEP 454: Health Promotion Program Planning and Implementation (L)	HEP 361: Digital Health Communication and Education
HCR 263: Introduction to Medical Billing and Compliance	HEP 456: Health Promotion Program Evaluation	HSC 310: Health Communication
HCR 360: Data Security and Privacy in Health Care Compliance	HEP 466: Health Promotion Program Management and Administration	MED 450: Leadership and Professionalism
HSC 432: Legal Issues in Health Care	HEP 476: Community Health	PAF 311: Leadership and Change (SB)
PBH 422: Health Disparities and Access to Health	HSC 210: Cultural Aspects of Health (C)	SOS 385: Business and Sustainability I
SOC 427: Sociology of Health and Illness (SB)	HSC 412: Health Issues in Later Life	

Health Psychology Focus Area	Healthy Nutrition Focus Area	Integrated and Integrative Health Focus Area
HEP 443: Emotional Health and Interpersonal Relationships	NTR 142: Applied Food Principles	HCR 240: Human Pathophysiology
PBH 410: Public Mental Health	NTR 345: Development of Healthy Cuisines	HCR 241: Foundations of Integrative Health
PSY 290: Research Methods (L or SG)	NTR 348: Cultural Aspects of Food (SB & C & G)	HCR 341: Biological, Manipulative, and Body-Based Therapies
PSY 304: Effective Thinking (L)	NTR 351: Nutrition Communication (L)	HCR 342: Mind-Body and Energy Therapies and Modalities
PSY 315: Personality Theory and Research (SB)	NTR 353: The Western Diet	HSC 410: Supporting the Health of Older Adults
PSY 341: Developmental Psychology (SB)	NTR 448: Community Nutrition (L)	MED 300: Historical and Contemporary Issues in Health (L)
PSY 350: Social Psychology (SB)	NTR 453: Nutrition and the Media	MED 445: Prevention and Management of Chronic Disease
PSY 366: Psychological Disorders (SB)		
PSY 462: Health Psychology		
<b>Experiential Learning Course</b>		
The following courses are the most relevant for your major, but other options may be possible. See your advisor.		
CHS 280: Experiential Community Health and Research		
CHS 484: Applied Health Experience		
CHS 484: Citizen Science in Health		
CHS 484: Translational Research		
CHS 494: Advanced Undergraduate Teaching Assistant		
CHS 494: Undergraduate Research		
HSC 441: Applied Health Coaching Techniques		
HSC 484: Internship		
NTR 360: Nutrition Entrepreneurship		

**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)

**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for**  
**Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum

- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.








## 2023 - 2024 Major Map

### International Public Health, **BIPH**

School/College: [College of Health Solutions](#)

Location: [Online ASU Local](#)

NHIPHBIPH

Term 1 - A 0 - 8 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CHS 101: The ASU Experience for Health Solutions Students	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. CHS 101 fulfills this requirement for College of Health Solutions students.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR			
 ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
BIO 100: The Living World (SQ)	4	C	
Term hours subtotal:	8		
Term 1 - B 8 - 14 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR			<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> </ul>
 ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
MAT 117: College Algebra (MA) OR MAT 142: College Mathematics (MA)	3	C	
Term hours subtotal:	6		
Term 2 - A 14 - 21 Credit Hours	Hours	Minimum Grade	Notes
ASB 100: Introduction to Global Health (SB & G)	3	C	<ul style="list-style-type: none"> <li>Visit the <a href="#">CHS Student Site</a> for resources, forms, appointment scheduling, internship information, etc.</li> <li>Join a <a href="#">student club</a> or professional organization.</li> </ul>
BIO 160: Introduction to Anatomy and Physiology (SQ)	4	C	
Term hours subtotal:	7		
Term 2 - B 21 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 HSC 210: Cultural Aspects of Health (C)	3	C	<ul style="list-style-type: none"> <li>First-year students must complete CHS 100; students who enter the major with more than 30 hours may complete CHS 300 instead.</li> <li>Develop your <a href="#">skills</a>.</li> </ul>
CHS 100: Optimizing Your Health and Performance (SB) OR CHS 300: An Exploration of Well-Being (SB)	3	C	
POP 100: Introduction to Population Health	3	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	9		
Term 3 - A 30 - 39 Credit Hours	Hours	Minimum Grade	Notes

CHS 201: International Indigenous Health OR ASB 462: Medical Anthropology: Culture and Health (SB & C)	3	C
Humanities, Arts and Design (HU)	3	
Elective	3	
Term hours subtotal:	9	

- CHS 201 is offered by University of New South Wales.
- Students must complete a one time **PLuS Alliance course waiver** to enroll in courses offered by University of New South Wales.

Term 3 - B 39 - 45 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
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HCD 201: Economics for Health Majors	3	C
Elective	3	
⚠ Complete Mathematics (MA) requirement.		
Complete First-Year Composition requirement.		
Term hours subtotal:	6	

Term 4 - A 45 - 54 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
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⚠ CHS 401: Ethics in Public Health OR MED 320: Applied Medical/Health Care Ethics (HU)	3	C
HCD 332: Population Health Policy and Legislation	3	C
Elective	3	
Term hours subtotal:	9	

- CHS 401 is offered by University of New South Wales.

Term 4 - B 54 - 60 Credit Hours	Hours	Minimum Grade	Notes
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HCD 303: Global Health Care Systems (G)	3	C
PBH 410: Public Mental Health	3	C
Term hours subtotal:	6	

Term 5 - A 60 - 66 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
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★ CHS 307: Health Leadership OR MED 450: Leadership and Professionalism	3	C
HCD 300: Biostatistics (CS)	3	C
Term hours subtotal:	6	

- CHS 307 is offered by University of New South Wales.

Term 5 - B 66 - 75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
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★ CHS 301: Epidemiology for International Public Health OR HEP 444: Epidemiology	3	C
PBH 435: Environmental and Occupational Health	3	C
Elective	3	
Term hours subtotal:	9	

- CHS 301 is offered by University of New South Wales.
- Develop your **professional online presence**.

Term 6 - A 75 - 84 Credit Hours	Hours	Minimum Grade	Notes
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ASB 301: Global History of Health (SB & G & H)	3	C
HCD 400: Interpreting the Scientific Literature	3	C
Elective	3	
Term hours subtotal:	9	

- Secure a **part-time job** or **volunteer experience**.

Term 6 - B 84 - 93 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
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★ MED 300: Historical and Contemporary Issues in Health (L)	3	C
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Humanities, Arts and Design (HU)	3
Elective	3
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).	
Term hours subtotal:	9

Summer 6 93 - 96 Credit Hours	Hours	Minimum Grade	Notes
CHS 309: Evaluating Chronic Disease Programs OR MED 445: Prevention and Management of Chronic Disease	3	C	• CHS 309 is offered by University of New South Wales.
Term hours subtotal:	3		

Term 7 - A 96 - 102 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PBH 482: Capstone I	1	C	
Complete 2 courses:	5		
Elective			
Term hours subtotal:	6		

Term 7 - B 102 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PBH 483: Capstone II	3	C	• PBH 483 fulfills the college's experiential learning requirement. • Use Handshake to research <b>employment opportunities</b> .
HCD 302: Health Care Management	3	C	
Term hours subtotal:	6		

Term 8 - A 108 - 114 Credit Hours	Hours	Minimum Grade	Notes
Literacy and Critical Inquiry (L)	3		• Gather <b>professional references</b> .
Elective	3		
Term hours subtotal:	6		

Term 8 - B 114 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HEP 466: Health Promotion Program Management and Administration	3	C	• Apply for <b>full-time career opportunities</b> .
Elective	3		
Term hours subtotal:	6		

- Courses are offered by both Arizona State University and the University of New South Wales (UNSW) in Sydney, Australia. Students should work closely with their academic advisor regarding class selection and enrollment -- particularly those offered through UNSW.

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>

- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.






## 2023 - 2024 Major Map






### Kinesiology, BS






School/College: [College of Health Solutions](#)

Location: [Downtown Phoenix, ASU at Lake Havasu](#)

NUKINBS

Term 1 0 - 14 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CHS 101: The ASU Experience for Health Solutions Students	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. College of Health Solutions students take CHS 101 to fulfill this requirement.</li> <li>If students did not test into MAT 170, they should take MAT 117 as an elective in Term 1.</li> <li>First-year students must complete CHS 100; students who enter the major with more than 30 hours may complete CHS 300 instead.</li> <li>Join a <b>student club</b> or professional organization.</li> </ul>
 KIN 101: Introduction to Kinesiology	3	B-	
BIO 181: General Biology I (SQ)	4	C	
CHS 100: Optimizing Your Health and Performance (SB) OR CHS 300: An Exploration of Well-Being (SB)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	14		

Term 2 14 - 31 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CHM 113: General Chemistry I (SQ)	4	C	<ul style="list-style-type: none"> <li>Visit the <b>CHS Student Site</b> for resources, appointment scheduling, internship information, etc.</li> </ul>
 MAT 170: Precalculus (MA)	3	C	
 PSY 101: Introduction to Psychology (SB)	3	C	
BIO 182: General Biology II (SG)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	17		

Term 3 31 - 45 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 BIO 201: Human Anatomy and Physiology I (SG)	4	C	<ul style="list-style-type: none"> <li>In order to be successful in upper division Kinesiology coursework, a minimum 3.0 cumulative ASU GPA is required</li> <li>Secure a <b>part-time job</b> or <b>volunteer experiences</b>.</li> </ul>
 CHM 116: General Chemistry II (SQ)	4	C	
 PSY 230: Introduction to Statistics (CS) OR STP 226: Elements of Statistics (CS)	3	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
 Complete First-Year Composition requirement.			

⚠ Minimum 3.00 GPA ASU Cumulative.

Complete Mathematics (MA) requirement.

Term hours subtotal: 14

Term 4 45 - 59 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
⚠ BIO 202: Human Anatomy and Physiology II (SG)	4	C	<ul style="list-style-type: none"> <li>• Students are recommended to take CHS 294: Topic: Foundations of Health Equity as their elective in term 4.</li> <li>• Explore an <b>internship</b>.</li> <li>• Review <b>scholarship renewal criteria</b> to ensure adequate enrollment.</li> </ul>
⚠ KIN 290: Introduction to Evidence-Based Practice (L)	3	C	
⚠ PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ)	4	C	
Elective ( CHS 294 recommended)	3		
⚠ Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	14		

Term 5 59 - 75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ KIN 345: Motor Behavior	3	C	<ul style="list-style-type: none"> <li>• Develop your professional <b>online presence</b>.</li> <li>• Thinking about graduate school? Consider registering for a grad school <b>test prep course</b>.</li> <li>• All CHS students must complete a minimum of three credits of experiential learning. Select a course from the list below to take in Term 6 and visit the <b>CHS student website</b> for more information.</li> <li>• In order to be eligible to apply for most graduate schools, it is recommended that students maintain a minimum 3.0 cumulative ASU GPA.</li> </ul>
★ KIN 352: Psychosocial Aspects of Physical Activity (SB & C)	3	C	
PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ) OR MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG) OR CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I	4	C	
Complete 2 courses: Elective	6		
Term hours subtotal:	16		

Term 6 75 - 90 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ KIN 335: Biomechanics	3	C	<ul style="list-style-type: none"> <li>• Select an experiential learning course from the list below and visit the <b>CHS student website</b> for more information on opportunities specific to your major.</li> <li>• Select an Upper Division Major Elective from the list below.</li> <li>• Students who use an Upper Division Major Elective to fulfill the experiential learning requirement will need to complete an additional three credit upper division elective.</li> <li>• Gather <b>professional references</b>.</li> </ul>
★ KIN 340: Physiology of Exercise	3	C	
Upper Division Major Elective	3	C	
Experiential Learning Course	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ KIN 334: Functional Anatomy and Kinesiology	3	C	<ul style="list-style-type: none"> <li>• Select three Upper Division Major Electives from the list below. One of which must also have the Literacy and Critical Inquiry (L) designation.</li> </ul>
PSY 366: Psychological Disorders (SB)	3	C	
Upper Division Major Elective AND Upper Division Literacy and Critical Inquiry (L)	3		

Complete 2 courses: Upper Division Major Elective	6	C	• In order to be eligible to apply for most graduate schools, it is recommended that students maintain a minimum 3.0 cumulative ASU GPA.
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ Complete 3 courses: Upper Division Major Elective	9	C	• Select three Upper Division Major Electives from the list below.
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	15		

- Students can apply the CHS 394 CHS Peer Instructional Facilitator and CHS 494 Advanced Undergraduate Teaching Assistant courses toward the Major Elective requirement once each for a maximum of six credits total. Additional completions beyond six credits will apply as upper division electives.
- Students can apply internship, honors study/thesis, and individualized instruction courses toward the Major Elective requirement for a maximum of six credits total. Additional completions beyond six credits will apply as upper division electives.
- CHS students are required to complete a minimum of three credits of experiential learning coursework. A list of recommended courses is below. The [CHS student website](#) also has up to date information on opportunities to fulfill this requirement, including research and internships, that are relevant to each major. Students should contact their academic advisor with any questions.
- Students who use an upper division Major Elective to fulfill the experiential learning requirement will need to complete an additional three credit upper division elective.

Hide Course List(s)/Track Group(s)

Major Electives	Experiential Learning Course
CHS 394: CHS Peer Instructional Facilitator	The following courses are the most relevant for your major, but other options may be possible. See your advisor.
CHS 400: Adaptive Exercise Program Practical Experience	
CHS 492: Honors Directed Study	CHS 280: Experiential Community Health and Research
CHS 493: Honors Thesis (L)	CHS 394: CHS Peer Instructional Facilitator
CHS 494: Advanced Undergraduate Teaching Assistant	CHS 400: Adaptive Exercise Program Practical Experience
CHS 494: Undergraduate Research	CHS 484: Applied Health Experience
CHS 499: Individualized Instruction	CHS 484: Citizen Science in Health
EXW 426: Exercise for Neuromuscular Conditions (L)	CHS 484: Translational Research
HCR 471: Interprofessional Education and Community Health	CHS 493: Honors Thesis (L)
HCR 472: Interprofessional Education and Complex Health	CHS 494: Advanced Undergraduate Teaching Assistant
HCR 473: Interprofessional Education and Comprehensive Systems Health	CHS 494: Undergraduate Research
	HCR 471: Interprofessional Education and Community Health

KIN 348: Psychological Skills for Optimal Performance (SB)

KIN 484: Internship

KIN 412: Biomechanics of the Skeletal System

MED 494: Introduction To Clinical Healthcare

KIN 413: Qualitative Analysis in Sport Biomechanics

KIN 414: Electromyographic Kinesiology (L)

KIN 415: Theory of Corrective Exercise

KIN 416: Low Back Pain: Muscles and Movement

KIN 418: Experimental Neuromechanics (L)

KIN 422: Motor Control in Special Populations (L)

KIN 424: Neural Aspects of Movement and Rehabilitation

KIN 440: Exercise Biochemistry

KIN 441: Physiology of Women in Sport (L)

KIN 442: Fuel Metabolism

KIN 443: Exercise Endocrinology (L)

KIN 444: Metabolic Adaptations to Exercise Training

KIN 447: ECG Interpretation

KIN 450: Biopsychosocial Perspectives on Physical Activity and Health

KIN 452: Exercise Psychology (SB)

KIN 454: Motivational Theory in Exercise and Health

KIN 460: Theory of Strength Training (L)

KIN 465: Muscle Physiology

KIN 466: Cardiovascular Exercise Physiology

KIN 484: Internship

RTH 364: Foundations of Recreation Therapy (SB)

RTH 384: Recreational Therapy Practicum

SSP 316: Exercise and Sport Physiology Laboratory

SSP 494: Sports Medicine

**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's

first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>

- Mathematics Placement Assessment score determines placement in first mathematics course.
- Students interested in applying to Physical Therapy graduate programs should major in Kinesiology.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.




## 2023 - 2024 Major Map





### Medical Studies, BS




School/College: [College of Health Solutions](#)

Location: [Downtown Phoenix, Polytechnic, West](#)

NHMEDBS

Term 1 0 - 14 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 BIO 181: General Biology I (SQ)	4	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. College of Health Solutions students take CHS 101 to fulfill this requirement.</li> <li>Students who enter the major as first-year students must complete CHS 100; students who enter the major with more than 30 hours should complete CHS 300.</li> <li>Explore <a href="#">pre-health resources</a>.</li> <li>Visit the <a href="#">CHS Student Site</a> for resources, appointment scheduling, internship information, etc.</li> </ul>
 CHS 101: The ASU Experience for Health Solutions Students	1		
CHS 100: Optimizing Your Health and Performance (SB) OR CHS 300: An Exploration of Well-Being (SB)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 170: Precalculus (MA)	3	C	
Term hours subtotal:	14		

Term 2 14 - 31 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 BIO 182: General Biology II (SQ)	4	C	<ul style="list-style-type: none"> <li>Research <a href="#">career pathways</a> and decide on a Professional Track from the lists below prior to registering for the next term.</li> <li>Meet with a <a href="#">pre-health advisor</a> to discuss coursework as well as extracurricular activities.</li> <li>Join a <a href="#">student club</a> or professional organization.</li> </ul>
 CHM 113: General Chemistry I (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
HSC 210: Cultural Aspects of Health (C)	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s). Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	17		

Term 3 31 - 45 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CHM 116: General Chemistry II (SQ)	4	C	<ul style="list-style-type: none"> <li>The course chosen from the list in this term (CDE 232, COM 100, ECN 211, SOC 101) should be selected from the Professional Track list in the Degree Audit (DARS). If the track list in DARS does not specify one of the courses, SOC 101 is recommended.</li> </ul>
 Professional Track Course	4	C	
CDE 232: Human Development (SB) OR COM 100: Introduction to Human Communication (SB) OR ECN 211: Macroeconomic Principles (SB) OR SOC 101: Introductory Sociology (SB)	3	C	
PSY 101: Introduction to Psychology (SB)	3	C	

❖ Complete Mathematics (MA) requirement.

❖ Minimum 3.00 GPA ASU Cumulative.

Term hours subtotal: 14

- Research professional schools and their admission requirements, including required courses.
- Follow the Professional Track list below for your desired career and meet with a [pre-health advisor](#) to discuss coursework.
- Start volunteering for health organizations and shadowing health professionals to learn more about opportunities in the field.
- In order to be successful in upper division Medical Studies coursework, a minimum 3.0 cumulative ASU GPA is required.

Term 4 45 - 59 Credit Hours <b>Critical course signified by</b> ❖	Hours	Minimum Grade	Notes
❖ CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I	4	C	<ul style="list-style-type: none"><li>• Review <a href="#">scholarship renewal criteria</a> to ensure adequate enrollment.</li><li>• Follow the Professional Track list below for your desired career and meet with a <a href="#">pre-health advisor</a> to discuss coursework.</li><li>• Begin thinking about preparation for professional school entrance exams.</li><li>• In order to be successful in upper division Medical Studies coursework, a minimum 3.0 cumulative ASU GPA is required.</li><li>• Learn about the <a href="#">Pre-Health Internship Program</a>.</li><li>• Continue volunteering and shadowing in health organizations.</li></ul>
❖ Professional Track Course	4	C	
MED 320: Applied Medical/Health Care Ethics (HU)	3	C	
Literacy and Critical Inquiry (L)	3		
❖ Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	14		

Term 5 59 - 74 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ CHM 234: General Organic Chemistry II AND CHM 238: General Organic Chemistry Laboratory II	4	C	<ul style="list-style-type: none"><li>• Consider using upper division Medical Studies Breadth Elective to fulfill upper division pre-requisites for desired graduate programs. Meet with a <a href="#">pre-health advisor</a> to discuss coursework.</li><li>• Study for the professional school entrance exam and register to take it in the spring or summer of your junior year.</li><li>• Update your <a href="#">resume</a>.</li><li>• Admissions to health professions graduate schools is very competitive. Students should research recommended cumulative and science GPA minimums for their desired programs.</li><li>• Students must have a minimum ASU cumulative GPA of 3.00 or higher to apply for the MED 484 internship.</li></ul>
★ HCD 300: Biostatistics (CS)	3	C	
BIO 201: Human Anatomy and Physiology I (SG)	4	C	
Upper Division Medical Studies Breadth Elective	3	C	
Elective	1		
Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 6 74 - 90 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Professional Track Course	3	C	<ul style="list-style-type: none"><li>• Follow the Professional Track list below for your desired career and meet with a <a href="#">pre-health advisor</a> to discuss coursework.</li><li>• Consider using upper division elective to take additional upper division coursework</li></ul>
BIO 202: Human Anatomy and Physiology II (SG)	4	C	
CHS 484: Translational Research OR CHS 493: Honors Thesis (L) OR CHS 494: Undergraduate Research OR HSC 484: Internship OR			

MED 484: Internship OR MED 494: Introduction To Clinical Healthcare	3	C
HSC 310: Health Communication	3	C
Upper Division Elective	3	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
Minimum 3.00 GPA ASU Cumulative.		
Term hours subtotal:	16	

from Professional Track list if needed or to fulfill upper division science pre-requisites for desired graduate programs.

- Any of the courses from the list in this term (CHS 484, CHS 493, CHS 494, HSC 484, MED 484, or MED 494) will fulfill the college's experiential learning requirement. Visit the [CHS student website](#) to learn more.
- Take the professional school entrance exam.
- Meet with a [pre-health advisor](#) to review your professional school application.
- Apply early!

Term 7 90 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HCD 303: Global Health Care Systems (G)	3	C	<ul style="list-style-type: none"> <li>• If needed, the elective should be used to complete a Professional Track course.</li> <li>• Consider using upper division Medical Studies Breadth Electives to fulfill upper division science pre-requisites for desired graduate programs (biochemistry with lab is highly recommended). Meet with a <a href="#">pre-health advisor</a> to discuss coursework.</li> <li>• Admissions to health professions graduate schools is very competitive. Students should research recommended cumulative and science GPA minimums for their desired programs.</li> <li>• Complete an in person or virtual <a href="#">practice interview</a>.</li> <li>• Continue gaining hands on experience.</li> </ul>
MED 300: Historical and Contemporary Issues in Health (L)	3	C	
Complete 2 courses:			
Upper Division Medical Studies Breadth Elective	6	C	
Elective	3		
Minimum 3.00 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HCD 330: Health Care Systems in the U.S.	3	C	<ul style="list-style-type: none"> <li>• Consider using upper division electives to take additional upper division coursework from Professional Track list if needed or fulfill upper division science pre-requisites for desired graduate programs. Meet with a <a href="#">pre-health advisor</a> to discuss courses.</li> </ul>
MED 450: Leadership and Professionalism	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Complete 2 courses:			
Upper Division Elective	6		
Term hours subtotal:	15		

- A course in biochemistry with lab is strongly recommended for competitive application to most professional schools.
- Students interested in applying to Physical Therapy graduate programs should major in Kinesiology.
- Students in the MD track who plan to apply to the University of Arizona Medical School in Tucson must complete upper-division coursework in Cell Biology, Histology, Microbiology, Pathology, or Immunobiology as well as an upper-division course in Molecular Biology. This means that at least one of the upper-division electives should come from the Medical Studies Breadth Electives list.
- Due to the high volume of overlap in curriculum, students enrolled in this degree are not permitted to declare a concurrent degree combination with the Biological Sciences BS, including the following



concentrations: Biomedical Sciences; Genetics, Cell and Developmental Biology; and Neurobiology, Physiology and Behavior. Students should speak with their academic advisor for any further questions.

Hide Course List(s)/Track Group(s)

<b>Dentistry Professional Track</b>	<b>Integrative Health (ND/NMD/DC) Professional Track</b>	<b>Medicine (MD/DO) Professional Track</b>
MIC 205: Microbiology (SG)	BIO 340: General Genetics or LSC 347: Fundamentals of Genetics AND LSC 348: Fundamentals of Genetics Laboratory	BIO 340: General Genetics or LSC 347: Fundamentals of Genetics AND LSC 348: Fundamentals of Genetics Laboratory
PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ)	HSC 300: Complementary Health Care	MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG)
PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ)	MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG)	PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ)
	PSY 341: Developmental Psychology (SB)	PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ)
<b>Occupational Therapy Professional Track</b>	<b>Optometry Professional Track</b>	<b>Pharmacy Professional Track</b>
CHS 260: Health Professions Terminology	MAT 251: Calculus for Life Sciences (MA)	COM 225: Public Speaking (L)
PSY 341: Developmental Psychology (SB)	MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG)	MAT 251: Calculus for Life Sciences (MA)
PSY 366: Psychological Disorders (SB)	PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ)	MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG)
SOC 400: Perspectives on Aging (SB) or SOC 410: Race, Medicine, and the Body (L) or SOC 418: Aging and the Life Course (SB & H) or SOC 424: Women and Health (SB) or SOC 426: Social Inequalities (SB) or SOC 427: Sociology of Health and Illness (SB)	PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ)	PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ)
<b>Physician Assistant (PA) Professional Track</b>	<b>Medical Studies Breadth Electives</b>	
BIO 340: General Genetics or LSC 347: Fundamentals of Genetics AND LSC 348: Fundamentals of Genetics Laboratory	Other options may be possible. See your advisor.	
CHS 260: Health Professions Terminology	BCH 361: Advanced Principles of Biochemistry AND BCH 367: Elementary Biochemistry Laboratory	
MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG)	BCH 371: Modern Concepts in Biochemistry AND BCH 372: Modern Concepts in Biochemistry Laboratory	
	BIO 353: Cell Biology	
	BIO 355: Introduction to Computational Molecular Biology (CS)	
	BIO 360: Animal Physiology	
	BIO 420: Immunology: Molecular and Cellular Foundations	
	BIO 475: Advanced Human Anatomy	
	CHS 340: Health Theory	
	HCD 302: Health Care Management	
	HCD 304: Health Care Finance	

HCD 332: Population Health Policy and  
Legislation

HCD 420: Population Health Management

HSC 410: Supporting the Health of Older  
Adults

HSC 412: Health Issues in Later Life

LSC 4\*\* Elective

MED 325: Elements of Hospice and Palliative  
Care

MED 375: Alzheimer's and Other Dementias  
(SB)

MED 394: Healthcare and Humanities

MED 417: Impact of Violence on Health

MED 445: Prevention and Management of  
Chronic Disease

MED 475: Palliative Care: Managing  
Complex Serious Illness

MED 484: Internship

NTR 480: Integrative and Functional Nutrition

PBH 410: Public Mental Health

PBH 422: Health Disparities and Access to  
Health

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)

- Global Awareness (G)
- Historical Awareness (H)

#### First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.











## 2023 - 2024 Major Map

### Nutritional Science, BS

School/College: [College of Health Solutions](#)

Location: [Downtown Phoenix](#)

NHNUSCIBS

Term 1 0 - 14 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CHM 101: Introductory Chemistry (SQ) OR CHM 113: General Chemistry I (SQ)	4	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. College of Health Solutions students take CHS 101 to fulfill this requirement.</li> <li>Students who enter the major as first-year students must complete CHS 100; students who enter the major with more than 30 hours should complete CHS 300.</li> <li>Students interested in graduate school are recommended to take MAT 170 and CHM 113.</li> <li>Students who take CHM 113 will also need to take CHM 116 as an elective to progress in the major.</li> </ul>
 CHS 101: The ASU Experience for Health Solutions Students	1		
CHS 100: Optimizing Your Health and Performance (SB) OR CHS 300: An Exploration of Well-Being (SB)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117: College Algebra (MA) OR MAT 170: Precalculus (MA)	3	C	
Term hours subtotal:	14		
Term 2 14 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 NTR 241: Human Nutrition	3	C	<ul style="list-style-type: none"> <li>Visit the <a href="#">CHS Student Site</a> for resources, appointment scheduling, internship information, etc.</li> <li>Join a <a href="#">student club</a> or professional organization.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
PSY 101: Introduction to Psychology (SB)	3	C	
Cultural Diversity in the U.S. (C)	3		
Elective	4		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		
Term 3 30 - 46 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 BIO 201: Human Anatomy and Physiology I (SG)	4	C	<ul style="list-style-type: none"> <li>Develop your <a href="#">skills</a>.</li> </ul>
 HCD 300: Biostatistics (CS) OR STP 226: Elements of Statistics (CS) OR STP 231: Statistics for Life Science (CS)	3	C	
 NTR 142: Applied Food Principles	3	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		

Elective 3

◆ Complete Mathematics (MA) requirement.

Term hours subtotal: 16

Term 4 46 - 60 Credit Hours Critical course signified by ◆	Hours	Minimum Grade	Notes
◆ BIO 202: Human Anatomy and Physiology II (SG)	4	C	<ul style="list-style-type: none"> <li>Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> <li>Use Handshake to research <b>employment opportunities</b>.</li> </ul>
◆ CHS 260: Health Professions Terminology	3	C	
◆ NTR 290: Introduction to Evidence-Based Research in Nutrition (L)	3	C	
Elective	4		
Term hours subtotal:	14		

Term 5 60 - 76 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CHM 231: Elementary Organic Chemistry (SQ) AND CHM 235: Elementary Organic Chemistry Laboratory (SQ)	4	C	<ul style="list-style-type: none"> <li>Students must select one of the two tracks listed below to complete the degree.</li> <li>Students following the Integrative Nutrition track should take NTR 480 in this term.</li> <li>Students following the Nutrition Research track should take NTR 390 in this term.</li> <li>Reach out to <b>advising</b> for more information on upcoming capstone.</li> </ul>
★ Upper Division Track Course	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	16		

Term 6 76 - 91 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ BCH 361: Advanced Principles of Biochemistry	3	C	<ul style="list-style-type: none"> <li>Thinking about graduate school? Consider registering for a grad school <b>test prep course</b>.</li> <li>Students following the Integrative Nutrition track should take HSC 300 in this term.</li> <li>Students following the Nutrition Research track should take NTR 490 in this term.</li> </ul>
★ NTR 341: Medical Nutrition Therapy I	3	C	
Upper Division Track Course	3	C	
Complete 2 courses: Upper Division Elective	6		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 91 - 107 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ NTR 440: Advanced Human Nutrition I	3	C	<ul style="list-style-type: none"> <li>Students following the Integrative Nutrition track should take NTR 350 in this term.</li> <li>Students following the Nutrition Research track should take CHS 494: Capstone in this term.</li> <li>Develop your <b>professional online presence</b>.</li> </ul>
★ Upper Division Track Course	3	C	
MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG)	4	C	
NTR 450: Nutrition in the Life Cycle (SB)	3	C	
Upper Division Elective	3		
Term hours subtotal:	16		

Term 8 107 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ NTR 441: Advanced Human Nutrition II	3	C	<ul style="list-style-type: none"> <li>All students should take CHS 494: Capstone as their track course in this term.</li> <li>CHS 494: Capstone fulfills the college's experiential learning requirement.</li> </ul>
★ Upper Division Track Course	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		

Complete 2 courses:

4

Elective

Term hours subtotal: 13

- Students must select and follow one of the two tracks to complete the degree.
- The Nutrition Research track requires students to complete six credits of CHS 494 Capstone.

Hide Course List(s)/Track Group(s)

Integrative Nutrition	Nutrition Research
CHS 494: Capstone	CHS 494: Capstone
HSC 300: Complementary Health Care	CHS 494: Capstone
NTR 350: Nutrition Counseling	NTR 390: Current Nutrition Research
NTR 480: Integrative and Functional Nutrition	NTR 490: Undergraduate Research Methods in Nutrition

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.




## 2023 - 2024 Major Map




### Population Health, BS



School/College: [College of Health Solutions](#)

Location: [Downtown Phoenix, West](#)

NHPOPHLBS

Term 1 0 - 14 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 BIO 181: General Biology I (SQ)	4	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. College of Health Solutions students take CHS 101 to fulfill this requirement.</li> <li>Students interested in pursuing graduate school should take a higher level math in Term 1 (or later as an elective for those placing into MAT 117 in Term 1).</li> <li>Join a <b>student club</b> or professional organization.</li> </ul>
 CHS 101: The ASU Experience for Health Solutions Students	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117: College Algebra (MA)	3	C	
SOC 101: Introductory Sociology (SB)	3	C	
Term hours subtotal:	14		

Term 2 14 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 BIO 182: General Biology II (SG)	4	C	<ul style="list-style-type: none"> <li>First-year students must complete CHS 100; students who enter with more than 45 hours may complete CHS 300.</li> <li>Visit the <b>CHS Student Site</b> for resources, forms, appointment scheduling, internship information, etc.</li> </ul>
CHS 100: Optimizing Your Health and Performance (SB) OR CHS 300: An Exploration of Well-Being (SB)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
POP 100: Introduction to Population Health	3	C	
Elective (SOS 110 OR SOS 111 recommended)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 30 - 45 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
CHS 280: Experiential Community Health and Research	3		<ul style="list-style-type: none"> <li>Students can complete any topic offered under CHS 280.</li> <li>Secure a <b>part-time job</b> or <b>volunteer opportunities</b> to gain experience.</li> <li>Become a student member of a <b>professional organization</b>.</li> </ul>
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Complete 2 courses: Elective (NTR 100 recommended)	6		
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	15		

Term 4 45 - 60 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
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HCD 201: Economics for Health Majors OR ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB)	3	C
BMI 102: Introduction to Population Health Informatics	3	C
Literacy and Critical Inquiry (L)	3	
Complete 2 courses: Elective ( ENG 203 OR HEP 102 OR MED 394 recommended)	6	
Term hours subtotal:	15	

- Explore an **internship**.
- MED 394 Topic: Healthcare and Humanities is recommended for the elective.

Term 5 60 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CHS 340: Health Theory	3	C	<ul style="list-style-type: none"> <li>• Gather <b>professional references</b>.</li> </ul>
HCD 300: Biostatistics (CS)	3	C	
HSC 310: Health Communication	3	C	
MED 320: Applied Medical/Health Care Ethics (HU)	3	C	
POP 333: Systems Thinking in Population Health	3	C	
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ EXW 450: Social Determinants of Health and Health Behavior (L or SB) & C)	3	C	<ul style="list-style-type: none"> <li>• Develop your <b>professional online presence</b>.</li> <li>• Review the list below and visit the <b>CHS student website</b> to explore experiential learning opportunities to take in Terms 7 and 8 that are specific to your major.</li> </ul>
★ HCD 332: Population Health Policy and Legislation	3	C	
★ HEP 444: Epidemiology	3	C	
HCD 402: Health Economics	3	C	
PBH 422: Health Disparities and Access to Health	3	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Complete 3 courses: Track Focus Area Course	9	C	<ul style="list-style-type: none"> <li>• Students must select and follow a single track below to complete a total of 18 credit hours, at least six of which must be upper division.</li> <li>• Select an experiential learning course from the list below and visit the <b>CHS student website</b> for more information on opportunities specific to your major.</li> </ul>
MED 445: Prevention and Management of Chronic Disease	3	C	
Upper Division Experiential Learning Course	3	C	
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Experiential Learning Course	3	C	<ul style="list-style-type: none"> <li>• Students must select and follow a single track below to complete a total of 18 credit hours, at least six of which must be upper division.</li> <li>• Select an experiential learning course from the list below and visit the <b>CHS student website</b> for more information on opportunities specific to your major.</li> </ul>
Complete 2 courses: Upper Division Track Focus Area Course	6	C	
Track Focus Area Course	3	C	
Elective ( ASB 100 recommended)	3		
Term hours subtotal:	15		



- Population Health students must select and follow a single track to complete a total of 18 credit hours, at least six of which must be upper division. The selected track will allow students to move confidently into a career or into a population health graduate program.
- The population health program is designed to prepare students for future career and educational opportunities through hands on experiential learning. Students are required to complete nine credits of experiential learning coursework for the program, six of which must be upper division. Three credits of experiential learning are achieved through CHS 280, which offers several topics that students can choose from including Introduction to Citizen Science and Health, Translational Team, and Health Applications and Experience. Students select the remaining six credits of upper division experiential learning from a list of major specific course options below. The [CHS student website](#) also has up to date information on opportunities to fulfill this requirement, including research and internships, that are relevant to each major. Students should contact their academic advisor with any questions.

Hide Course List(s)/Track Group(s)

<b>Environmental Systems Track</b>	<b>Food Systems Track</b>	<b>Health Care Compliance and Regulations Track</b>
HEP 394: Health and Climate Change	AGB 414: Food and Agribusiness Policy Issues (L)	HCR 259: Compliance and the Health Care Industry
HST 345: Environmental History (L)	ASB 300: Food and Culture ((L or SB) & C)	HCR 263: Introduction to Medical Billing and Compliance
PAF 340: Contemporary Policy Challenges	HCR 494: Food Safety and Protection	HCR 360: Data Security and Privacy in Health Care Compliance
PBH 435: Environmental and Occupational Health	MCO 494: Food and Media	HCR 362: Monitoring and Auditing for Health Care Compliance
PHI 310: Environmental Ethics (HU)	NTR 348: Cultural Aspects of Food (SB & C & G)	HCR 460: Investigations and Disclosures in Health Care Compliance
PUP 301: Introduction to Urban Planning (L)	PAF 340: Contemporary Policy Challenges	HSC 432: Legal Issues in Health Care
SGS 330: Globalization and the Environment: Problems and Solutions	SOS 110: Sustainable World (SB) or SOS 111: Sustainable Cities ((HU or SB) & G)	
SOS 494: Social-ecological Systems & Adaptation	SOS 327: Sustainable Food and Farms	
<b>Health Education Specialist Track</b>	<b>Health Informatics Track</b>	<b>Health Systems Design and Improvement Track</b>
HEP 241: Health Education Methods for Injury Prevention and Preparedness or HEP 251: Preventing HIV and Substance Misuse or HEP 303: Human Sexuality for Health Education or HEP 350: Substance Use and Addictive Behaviors or HEP 361: Digital Health Communication and Education or HEP 371: Conflict Management and Mediation and Violence Prevention or HEP 380: Body Image and Wellness or HEP 443: Emotional Health and Interpersonal Relationships or HEP 476: Community Health	ASM 201: Epidemics and Outbreaks	HCD 304: Health Care Finance
HEP 348: Methods of Health Education	BMI 311: Modeling Biomedical Knowledge	HCD 330: Health Care Systems in the U.S.
HEP 452: Health Advocacy in Health Education	BMI 312: Modeling Biomedical Data	HCD 403: Process Engineering
HEP 454: Health Promotion Program Planning and Implementation (L)	BMI 410: Database Management in Health Care	HCD 420: Population Health Management
HEP 456: Health Promotion Program Evaluation	GIS 205: Geographic Information Science I (CS)	HEP 454: Health Promotion Program Planning and Implementation (L)
	GIS 211: Geographic Information Science II (CS)	HSC 432: Legal Issues in Health Care
		SOC 427: Sociology of Health and Illness (SB)

HEP 466: Health Promotion Program  
Management and Administration

Mental Health Systems Track	Experiential Learning Course
EXW 400: Stress Management for Wellness	The following courses are the most relevant for your major, but other options may be possible. See your advisor.
HCD 420: Population Health Management	
HEP 350: Substance Use and Addictive Behaviors	CHS 394: CHS Peer Instructional Facilitator
HEP 443: Emotional Health and Interpersonal Relationships	CHS 484: Applied Health Experience
MED 417: Impact of Violence on Health	CHS 484: Citizen Science in Health
PAF 340: Contemporary Policy Challenges	CHS 484: Translational Research
PBH 410: Public Mental Health	CHS 493: Honors Thesis (L)
	CHS 494: Advanced Undergraduate Teaching Assistant
	CHS 494: Undergraduate Research
	HCR 471: Interprofessional Education and Community Health
	MED 325: Elements of Hospice and Palliative Care
	MED 375: Alzheimer's and Other Dementias (SB)
	MED 475: Palliative Care: Managing Complex Serious Illness
	POP 444: Population Health Field Experience

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

#### First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.











## 2023 - 2024 Major Map



### Public Health, BS



School/College: [College of Health Solutions](#)




Location: [Downtown Phoenix](#)



NHPBHBS

Term 1 0 - 14 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 BIO 181: General Biology I (SQ)	4	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. College of Health Solutions students take CHS 101 to fulfill this requirement.</li> <li>Students interested in pursuing a masters in public health program are encouraged to take MAT 117.</li> </ul>
 CHS 101: The ASU Experience for Health Solutions Students	1		
 POP 100: Introduction to Population Health	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117: College Algebra (MA) OR MAT 142: College Mathematics (MA)	3	C	
Term hours subtotal:	14		
Term 2 14 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 BIO 182: General Biology II (SG)	4	C	<ul style="list-style-type: none"> <li>First-year students must take CHS 100; students who enter with more than 30 hours must take CHS 300 instead.</li> <li>Visit the <a href="#">CHS Student Site</a> for resources, forms, appointment scheduling, internship information, etc.</li> <li>Join a <a href="#">student club</a> or professional organization.</li> </ul>
CHS 100: Optimizing Your Health and Performance (SB) OR CHS 300: An Exploration of Well-Being (SB)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Elective	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		
Term 3 30 - 45 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 HEP 102: Foundations of Health Education and Health Promotion	3	C	<ul style="list-style-type: none"> <li>Start volunteering for health organizations and shadowing health professionals to learn more about opportunities in the field.</li> <li>Create a first draft <a href="#">resume</a>.</li> <li>Develop your <a href="#">skills</a>.</li> </ul>
CHM 101: Introductory Chemistry (SQ)	4	C	
HCD 201: Economics for Health Majors	3	C	
Complete 2 courses: Elective	5		
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	15		
		Minimum	

Term 4 45 - 60 Credit Hours Critical course signified by 	Hours	Grade	Notes
 HCD 300: Biostatistics (CS)	3	C	<ul style="list-style-type: none"> <li>• Visit the <a href="#">CHS student website</a> to explore research and internship opportunities.</li> <li>• Secure a <a href="#">part-time job</a> or <a href="#">volunteer experience</a>.</li> <li>• Continue volunteering and shadowing in health organizations.</li> </ul>
BMI 102: Introduction to Population Health Informatics	3	C	
PSY 101: Introduction to Psychology (SB) OR SOC 101: Introductory Sociology (SB)	3	C	
Literacy and Critical Inquiry (L)	3		
Elective	3		
Term hours subtotal:	15		

Term 5 60 - 75 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
 CHS 340: Health Theory	3	C	<ul style="list-style-type: none"> <li>• Thinking about graduate school? Consider registering for a grad school <a href="#">test prep course</a>.</li> </ul>
 HCD 400: Interpreting the Scientific Literature	3	C	
MED 320: Applied Medical/Health Care Ethics (HU)	3	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Elective	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
 HEP 444: Epidemiology	3	C	<ul style="list-style-type: none"> <li>• Select Upper Division Major Electives from the list below.</li> <li>• HEP 394: Health and Climate Change is the recommended elective.</li> <li>• Continue gaining hands on experience.</li> </ul>
EXW 450: Social Determinants of Health and Health Behavior (L or SB) & C)	3	C	
Complete 2 courses: Upper Division Major Elective	6	C	
Elective ( HEP 394 recommended)	3		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
 HCD 402: Health Economics	3	C	<ul style="list-style-type: none"> <li>• Select Upper Division Major Elective from the list below.</li> <li>• Research <a href="#">employment opportunities</a>.</li> <li>• Complete an in person or virtual <a href="#">practice interview</a>.</li> </ul>
HSC 310: Health Communication	3	C	
Upper Division Major Elective	3	C	
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
 POP 444: Population Health Field Experience	3	C	<ul style="list-style-type: none"> <li>• Study for the health education specialist <a href="#">exam</a>.</li> <li>• Apply for <a href="#">full-time career opportunities</a>.</li> <li>• POP 444 fulfills the college's experiential learning requirement.</li> </ul>
PBH 410: Public Mental Health	3	C	
PBH 435: Environmental and Occupational Health	3	C	
Upper Division Major Elective	3	C	
Elective	3		
Term hours subtotal:	15		

- Students can apply a maximum of 3-credits of CHS 494 Undergraduate Research toward the upper division major elective requirement.

Hide Course List(s)/Track Group(s)

Upper Division Major Electives
AGB 414: Food and Agribusiness Policy Issues (L)
CHS 494: Undergraduate Research
HCD 302: Health Care Management
HCD 330: Health Care Systems in the U.S.
HCD 332: Population Health Policy and Legislation
HCD 420: Population Health Management
HEP 454: Health Promotion Program Planning and Implementation (L)
HEP 456: Health Promotion Program Evaluation
MED 417: Impact of Violence on Health
MED 445: Prevention and Management of Chronic Disease
PAF 340: Contemporary Policy Challenges
PUP 301: Introduction to Urban Planning (L)

**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment score** determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)

- Global Awareness (G)
- Historical Awareness (H)

#### First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

## 2023 - 2024 Major Map











### Speech and Hearing Science, BS

School/College: College of Health Solutions

Location: Tempe

LASHSBS

The BS/MS accelerated option for this program is not currently available to ASU Online students.

Term 1 0 - 16 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 CHS 101: The ASU Experience for Health Solutions Students	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. College of Health Solutions students take CHS 101 to fulfill this requirement.</li> <li>First-year students must complete CHS 100; students who enter with more than 30 hours should complete CHS 300.</li> </ul>
CHS 100: Optimizing Your Health and Performance (SB) OR CHS 300: An Exploration of Well-Being (SB)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Historical Awareness (H)	3		
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Elective	3		
Term hours subtotal:	16		
Term 2 16 - 31 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 MAT 117: College Algebra (MA) OR MAT 170: Precalculus (MA)	3	C	<ul style="list-style-type: none"> <li>Students who intend to take PSY 230 for the statistics requirement must complete MAT 170.</li> <li>Visit the <a href="#">CHS Student Site</a> for resources, forms, appointment scheduling, internship information and more.</li> <li>Join a <a href="#">student club</a> or professional organization.</li> </ul>
 PSY 101: Introduction to Psychology (SB)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Complete 2 courses: Elective	6		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Maintain 2.80 GPA in Critical Tracking Courses.			
Term hours subtotal:	15		
Term 3 31 - 47 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 BIO 160: Introduction to Anatomy and Physiology (SQ) OR BIO 201: Human Anatomy and Physiology I (SG)	4	C	<ul style="list-style-type: none"> <li>A minimum GPA of 3.50 is typically required for admission to graduate programs.</li> </ul>
 PSY 230: Introduction to Statistics (CS) OR SOC 390: Social Statistics I (CS) OR STP 226: Elements of Statistics (CS)	3	C	
 SHS 205: Exploring Communication Disorders in Children and Adults	3	C	



Complete 2 courses:  
 Elective 6

◆ Maintain 2.80 GPA in Critical Tracking Courses.

Complete First-Year Composition requirement.

Complete Mathematics (MA) requirement.

Term hours subtotal: 16

Term 4 47 - 63 Credit Hours Critical course signified by ◆	Hours	Minimum Grade	Notes
◆ PHY 101: Introduction to Physics (SQ)	4	C	<ul style="list-style-type: none"> <li>• Create a first draft <b>resume</b>.</li> </ul>
◆ SHS 250: Introduction to Phonetics	3	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Literacy and Critical Inquiry (L)	3		
Elective	3		
◆ Maintain 2.80 GPA in Critical Tracking Courses.			
Term hours subtotal:		16	

Term 5 63 - 78 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ SHS 310: Anatomical and Physiological Bases of Speech	3	C	<ul style="list-style-type: none"> <li>• A minimum GPA of 3.50 is typically required for admission to graduate programs.</li> <li>• Use Handshake to research <b>employment opportunities</b>.</li> </ul>
★ SHS 311: Hearing Science	3	C	
ENG 301: Writing for the Professions (L)	3	C	
SHS 367: Language Science (SB)	3	C	
Elective	3		
Term hours subtotal:		15	

Term 6 78 - 93 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ SHS 375: Speech Science	3	C	<ul style="list-style-type: none"> <li>• Visit the <b>ASHA website</b> for more information on graduate application procedures and career opportunities.</li> <li>• Complete an in person or virtual <b>practice interview</b>.</li> </ul>
★ SHS 401: Principles of Audiology	3	C	
SHS 465: Speech and Language Acquisition (SB)	3	C	
Complete 2 courses: Elective	6		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:		15	

Term 7 93 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes	
★ SHS 470: Developmental Speech and Language Disorders	3	C	<ul style="list-style-type: none"> <li>• Gather <b>professional references</b>.</li> <li>• All CHS students must complete a minimum of three credits of experiential learning. Select a course from the list below to take in Term 8 and visit the <b>CHS student website</b> for more information on opportunities, including research and internships, specific to your major.</li> <li>• A minimum GPA of 3.50 is typically required for admission to graduate programs.</li> </ul>	
SHS 496: Aural Rehabilitation	3	C		
Complete 3 courses: Upper Division Elective	9			
Term hours subtotal:		15		

Minimum

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Grade	Notes
★ SHS 485: Acquired Speech and Language Disorders	3	C	<ul style="list-style-type: none"> <li>Select an experiential learning course from the list below and visit the <a href="#">CHS student website</a> for more information on opportunities specific to your major.</li> </ul>
SHS 402: Clinical Methods and Treatment of Communication Disorders	3	C	
Experiential Learning Course	3	C	
Upper Division Elective	3		
Term hours subtotal:	12		

- CHS students are required to complete a minimum of three credits of experiential learning coursework. A list of recommended courses is below. The [CHS student website](#) also has up to date information on opportunities to fulfill this requirement, including research and internships, that are relevant to each major. Students should contact their academic advisor with any questions.

#### Hide Course List(s)/Track Group(s)

##### Experiential Learning Course

The following courses are the most relevant for your major, but other options may be possible. See your advisor.

CHS 280: Experiential Community Health and Research

CHS 394: CHS Peer Instructional Facilitator

CHS 484: Applied Health Experience

CHS 484: Citizen Science in Health

CHS 484: Translational Research

CHS 493: Honors Thesis (L)

CHS 494: Advanced Undergraduate Teaching Assistant

CHS 494: Undergraduate Research

SHS 484: Pre-Audiology Experience

SHS 484: SLPA Certificate

SHS 498: Advanced Research Experience in Speech/Hearing Sci (L)

#### Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
  - Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for**  
**Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

## 2023 - 2024 Major Map








### Speech and Hearing Science, BS

School/College: [College of Health Solutions](#)

Location: [Online ASU Local](#)

LASHSBS

The BS/MS accelerated option for this program is not currently available to ASU Online students.

Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CHS 101: The ASU Experience for Health Solutions Students	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. College of Health Solutions students take CHS 101 to fulfill this requirement.</li> <li>First-year students must complete CHS 100; students who enter with more than 30 hours should complete CHS 300.</li> </ul>
CHS 100: Optimizing Your Health and Performance (SB) OR CHS 300: An Exploration of Well-Being (SB)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		
Term 1 - B 7 - 13 Credit Hours	Hours	Minimum Grade	Notes
Historical Awareness (H)	3		<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> </ul>
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Term hours subtotal:	6		
Term 2 - A 13 - 19 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 PSY 101: Introduction to Psychology (SB)	3	C	<ul style="list-style-type: none"> <li>Visit the <a href="#">CHS Student Site</a> for resources, forms, appointment scheduling, internship information and more.</li> <li>Join a <a href="#">student club</a> or professional organization.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Maintain 2.80 GPA in Critical Tracking Courses.			
Term hours subtotal:	6		
Term 2 - B 19 - 25 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 117: College Algebra (MA) OR MAT 170: Precalculus (MA)	3	C	<ul style="list-style-type: none"> <li>Students who intend to take PSY 230 for the statistics requirement must complete MAT 170.</li> </ul>
Elective	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Maintain 2.80 GPA in Critical Tracking Courses.			
Term hours subtotal:	6		
		<b>Minimum</b>	

Term 3 - A 25 - 31 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Grade	Notes
⚠ PSY 230: Introduction to Statistics (CS) OR SOC 390: Social Statistics I (CS) OR STP 226: Elements of Statistics (CS)	3	C	<ul style="list-style-type: none"> <li>A minimum GPA of 3.50 is typically required for admission to graduate programs.</li> </ul>
⚠ SHS 205: Exploring Communication Disorders in Children and Adults	3	C	
⚠ Complete First-Year Composition requirement.			
Maintain 2.80 GPA in Critical Tracking Courses.			
Term hours subtotal:	6		

Term 3 - B 31 - 38 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
⚠ BIO 160: Introduction to Anatomy and Physiology (SQ) OR BIO 201: Human Anatomy and Physiology I (SG)	4	C	
Elective	3		
Complete Mathematics (MA) requirement.			
Maintain 2.80 GPA in Critical Tracking Courses.			
Term hours subtotal:	7		

Term 4 - A 38 - 45 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
⚠ PHY 101: Introduction to Physics (SQ)	4	C	<ul style="list-style-type: none"> <li>SHS 250 is usually offered in Session C.</li> <li>Create a first draft <b>resume</b>.</li> </ul>
⚠ SHS 250: Introduction to Phonetics	3	C	
Maintain 2.80 GPA in Critical Tracking Courses.			
Term hours subtotal:	7		

Term 4 - B 45 - 51 Credit Hours	Hours	Minimum Grade	Notes
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Elective	3		
Maintain 2.80 GPA in Critical Tracking Courses.			
Term hours subtotal:	6		

Term 5 - A 51 - 57 Credit Hours	Hours	Minimum Grade	Notes
Literacy and Critical Inquiry (L)	3		<ul style="list-style-type: none"> <li>A minimum GPA of 3.50 is typically required for admission to graduate programs.</li> </ul>
Elective	3		
Term hours subtotal:	6		

Term 5 - B 57 - 63 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ SHS 310: Anatomical and Physiological Bases of Speech	3	C	<ul style="list-style-type: none"> <li>Use Handshake to research <b>employment opportunities</b></li> </ul>
SHS 367: Language Science (SB)	3	C	
Term hours subtotal:	6		

Term 6 - A 63 - 69 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ SHS 311: Hearing Science	3	C	<ul style="list-style-type: none"> <li>Visit the <b>ASHA website</b> for more information on graduate application procedures and career opportunities.</li> </ul>
Elective	3		
Term hours subtotal:	6		

Term 6 - B 69 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
ENG 301: Writing for the Professions (L)	3	C	<ul style="list-style-type: none"> <li>• Complete an in person or virtual practice interview.</li> </ul>
Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 75 - 81 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ SHS 375: Speech Science	3	C	<ul style="list-style-type: none"> <li>• A minimum GPA of 3.50 is typically required for admission to graduate programs.</li> </ul>
Elective	3		
Term hours subtotal:	6		

Term 7 - B 81 - 87 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ SHS 401: Principles of Audiology	3	C	
Elective	3		
Term hours subtotal:	6		

Term 8 - A 87 - 93 Credit Hours	Hours	Minimum Grade	Notes
SHS 465: Speech and Language Acquisition (SB)	3	C	
Elective	3		
Term hours subtotal:	6		

Term 8 - B 93 - 99 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ SHS 470: Developmental Speech and Language Disorders	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		

Term 9 - A 99 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ SHS 485: Acquired Speech and Language Disorders	3	C	<ul style="list-style-type: none"> <li>• All CHS students must complete a minimum of three credits of experiential learning. Select a course from the list below to take in Term 10-A and visit the <a href="#">CHS student website</a> for more information on opportunities, including research and internships, specific to your major.</li> <li>• Gather professional references.</li> </ul>
Upper Division Elective	3		
Term hours subtotal:	6		

Term 9 - B 105 - 111 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ SHS 402: Clinical Methods and Treatment of Communication Disorders	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		

Term 10 - A 111 - 117 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Experiential Learning Course	3	C	

SHS 496: Aural Rehabilitation	3	C
Term hours subtotal:	6	

- Select an experiential learning course from the list below and visit the [CHS student website](#) for more information on opportunities specific to your major.
- Many Experiential Learning course options are offered in Session C.

Term 10 - B 117 - 120 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Elective	3		
Term hours subtotal:	3		

- CHS students are required to complete a minimum of three credits of experiential learning coursework. A list of recommended courses is below. The [CHS student website](#) also has up to date information on opportunities to fulfill this requirement, including research and internships, that are relevant to each major. Students should contact their academic advisor with any questions.

Hide Course List(s)/Track Group(s)

Experiential Learning Course
The following courses are the most relevant for your major, but other options may be possible. See your advisor.
CHS 280: Experiential Community Health and Research
CHS 394: CHS Peer Instructional Facilitator
CHS 484: Applied Health Experience
CHS 484: Citizen Science in Health
CHS 484: Translational Research
CHS 494: Advanced Undergraduate Teaching Assistant
CHS 494: Undergraduate Research

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum

**General University Requirements Legend**

- General Studies Core Requirements:
- Literacy and Critical Inquiry (L)
  - Mathematical Studies (MA)

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.






## 2023 - 2024 Major Map




### Sports Science and Performance Programming, BS



School/College: [College of Health Solutions](#)

Location: [Downtown Phoenix, West](#)

NHSPTSPPBS

Term 1 0 - 14 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CHS 101: The ASU Experience for Health Solutions Students	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. College of Health Solutions majors take CHS 101 to fulfill this requirement.</li> <li>Students interested in pursuing graduate school should take a higher level math in term 1 (or later as an elective for those placing into MAT 117 in term 1).</li> <li>Join the <a href="#">Athletics Affinity Network</a>.</li> <li>Join a <a href="#">student club</a> or professional organization such as the <a href="#">National Strength and Conditioning Association</a>.</li> </ul>
 KIN 101: Introduction to Kinesiology	3	C	
CHM 101: Introductory Chemistry (SQ) OR CHM 113: General Chemistry I (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117: College Algebra (MA) OR MAT 170: Precalculus (MA)	3	C	
Term hours subtotal:	14		

Term 2 14 - 29 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 SSP 142: Sports Performance Practical Training	3	C	<ul style="list-style-type: none"> <li>First-year students must take CHS 100; students who enter with more than 30 hours must take CHS 300 instead.</li> <li>Review scholarship renewal criteria to ensure adequate enrollment.</li> <li>Visit the <a href="#">CHS Student Site</a> for resources, forms, appointment scheduling, internship information, etc.</li> </ul>
CHS 100: Optimizing Your Health and Performance (SB) OR CHS 300: An Exploration of Well-Being (SB)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
PSY 101: Introduction to Psychology (SB)	3	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		

Term 3 29 - 45 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 BIO 201: Human Anatomy and Physiology I (SG)	4	C	<ul style="list-style-type: none"> <li>Secure a <a href="#">part-time job</a> or <a href="#">volunteer experience</a>.</li> <li>Become a student member of a professional organization.</li> <li>Review experiential learning opportunities or explore an <a href="#">internship</a> to prepare for SSP 275 in Term 4.</li> </ul>
HCD 300: Biostatistics (CS) OR PSY 230: Introduction to Statistics (CS) OR STP 226: Elements of Statistics (CS) OR STP 231: Statistics for Life Science (CS)	3	C	
NTR 241: Human Nutrition	3	C	
SSP 242: Resistance Training Foundations for Performance	3	C	
Cultural Diversity in the U.S. (C)	3		

🚩 Complete Mathematics (MA) requirement.

🚩 Minimum 2.50 GPA ASU Cumulative.

Term hours subtotal: 16

Term 4 45 - 61 Credit Hours <b>Critical course signified by</b> 🚩	Hours	Minimum Grade	Notes
🚩 BIO 202: Human Anatomy and Physiology II (SG)	4	C	<ul style="list-style-type: none"><li>• Explore an <b>internship</b>.</li><li>• Obtaining volunteer hours at a sports performance facility is highly recommended</li><li>• Attend a local clinic or conference.</li></ul>
SSP 275: Experiential Seminar for Sports Science	3	C	
Literacy and Critical Inquiry (L)	3		
Complete 2 courses:			
Elective	6		
🚩 Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 5 61 - 75 Credit Hours <b>Necessary course signified by</b> ⭐	Hours	Minimum Grade	Notes
⭐ SSP 325: Applied Anatomy and Biomechanics of Sport and Movement	4	C	<ul style="list-style-type: none"><li>• Develop your <b>professional online presence</b>.</li><li>• Thinking about graduate school? Consider registering for a grad school <b>test prep course</b>.</li><li>• Explore the <b>MS in Strength and Conditioning</b>.</li></ul>
SSP 315: Exercise and Sport Physiology AND SSP 316: Exercise and Sport Physiology Laboratory	4	C	
SSP 320: Coaching Leadership, Performance Team and Facility Management	3	C	
Upper Division Elective	3		
⭐ Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	14		

Term 6 75 - 90 Credit Hours <b>Necessary course signified by</b> ⭐	Hours	Minimum Grade	Notes
⭐ SSP 434: Plyometrics, Sports Movement and Conditioning	3	C	<ul style="list-style-type: none"><li>• Gather <b>professional references</b>.</li><li>• Students are required to attend a pre-internship workshop prior to enrolling in SSP 484.</li><li>• Review scholarship renewal criteria to ensure adequate enrollment.</li></ul>
⭐ SSP 460: Resistance Training Application and Theory	3	C	
KIN 348: Psychological Skills for Optimal Performance (SB)	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Elective	3		
⭐ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
⭐ Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours <b>Necessary course signified by</b> ⭐	Hours	Minimum Grade	Notes
⭐ SSP 461: Performance Programming Components and Periodization	3	C	<ul style="list-style-type: none"><li>• Select major elective courses from the list below.</li><li>• Students that plan to sit for the <b>Certified Strength and Conditioning Specialist (CSCS)</b> exam may want to take NTR 457 as a major elective.</li><li>• Students are required to attend a pre-internship workshop prior to enrolling in SSP 484.</li></ul>
SSP 423: Performance Testing and Technology	3	C	
Upper Division Major Electives	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Upper Division Elective	3		
⭐ Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	15		

		Minimum	
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Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Grade	Notes
★ SSP 484: Internship	3	C	<ul style="list-style-type: none"> <li>• Select major elective courses from the list below.</li> <li>• Register for the Certified Strength and Conditioning Specialist (CSCS) exam.</li> <li>• SSP 484 fulfills the college's experiential learning requirement.</li> </ul>
Upper Division Major Electives	3	C	
Upper Division Elective	1		
Complete 3 courses:			
Elective	8		
Term hours subtotal:	15		

- Students can apply up to six credits of SSP 484: Internship toward Sports Science & Performance Programming major requirements. Completions beyond six credits will apply toward general electives.

#### Hide Course List(s)/Track Group(s)

Major Electives
CHS 394: CHS Peer Instructional Facilitator
CHS 494: Advanced Undergraduate Teaching Assistant
CHS 494: Undergraduate Research
CHS 499: Individualized Instruction
EXW 344: Impact of Physical Activity on Health and Disease (L)
KIN 345: Motor Behavior
KIN 415: Theory of Corrective Exercise
KIN 424: Neural Aspects of Movement and Rehabilitation
KIN 441: Physiology of Women in Sport (L)
KIN 465: Muscle Physiology
NTR 457: Sports Nutrition
NTR 494: Applied Practice in Nutrition
SSP 484: Internship
SSP 494: Sports Medicine

#### Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for**  
**Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

## Barrett, The Honors College Overview and Requirements

Barrett, The Honors College curriculum is designed to develop students' habits of mind that enable them to be lifelong learners, creative problem solvers, and participatory citizens in a democratic society. Barrett emphasizes:

- small classes and seminars
- multidisciplinary team-taught courses and other engaged modes of learning
- development of critical reading, discussion, and writing skills

Barrett honors faculty fellows who specialize in honors pedagogy are responsible for offering the core honors curriculum through honors signature seminars and special topics courses. Barrett also collaborates with all colleges at ASU to offer honors seminars and sections, honors enrichment contracts, and undergraduate research, thesis, and creative project opportunities.

### Admission to Barrett

Students first apply to ASU and then submit a separate [application](#) to Barrett.

[Lower division entry](#): Students who begin with Barrett in their first year of college are required to take the [HON 171 and HON 272: The Human Event](#) course sequence, turn in either a successfully defended thesis or creative project, and complete 36 honors credit hours (18 of these credits must be upper-division coursework) with a cumulative GPA of 3.25 upon graduation.

Students in their first semester at ASU who are looking to join the honors college in their second semester may submit a [Barrett lower division application](#) if they will have three and a half academic years remaining to address the Barrett lower division requirements.

[Upper division entry](#): Students who begin with Barrett midway through their college careers are required to take [HON 370: History of Ideas](#), turn in either a successfully defended thesis or creative project, and complete 21 upper-division honors credit hours with a cumulative GPA of 3.25 upon graduation.

[Transfer students](#): Students who have graduated or will graduate from an Arizona Community College honors program and who are joining Barrett as upper-division students complete 18 credit hours of an honors curriculum to graduate from Barrett, rather than 21 hours. The course [HON 370: History of Ideas](#) and the thesis experience remain required components of the program.

[ASU Online students](#): Online students who have earned a minimum of 24 credits post high school graduation, including completing the [ASU first-year composition requirement](#), and have a minimum of 60 credits remaining until intended ASU graduation, are invited to apply to join as a Barrett Online student. Barrett Online students are required to take [HON 370: History of Ideas](#) as a live synchronous course offered via Zoom, turn in either a successfully defended thesis or creative project, and complete 21 upper-division honors credit hours with a cumulative GPA of 3.25 upon graduation.

## Honors Signature Courses

All Barrett students are required to complete required signature courses and seminars taught by honors faculty fellows.

Students entering the college at the lower division are required to complete a two-semester sequence of [HON 171 and HON 272: The Human Event](#). This is an interdisciplinary seminar focusing on key social and intellectual currents in the development of humanity. Students examine human thought and imagination from various disciplines, including philosophy, history, literature, religion, science, social science, and art. Coursework emphasizes critical thinking, discussion, and argumentative writing.

Transfer students entering at the upper division complete a one-semester seminar, reserved for them, titled [HON 370: History of Ideas](#). The texts are generally selected based on a theme of the instructors' choosing. Coursework emphasizes critical thinking, discussion, and argumentative writing.

## Honors Thesis or Creative Project

The Barrett honors thesis or creative project is the culmination of a student's entire honors experience and undergraduate education. The thesis provides students with the opportunity to work closely with faculty and advance knowledge in the discipline in a meaningful way. A thesis or creative project demonstrates experience with design, execution, analysis, and presentation in the chosen field of study.

Students typically enroll in departmental courses numbered 492 and 493 for thesis work under the supervision of the ASU faculty thesis director. Passing credit in 493 will result in fulfillment of the student's upper division Literacy and Critical Inquiry (L) General Studies requirement.

Students may select their own thesis topic and supervising faculty member inside or outside their academic majors. Additionally, students may participate in honors thesis pathways programs. Thesis pathways are unique thesis opportunities in which students can be paired with faculty on interesting and engaging topics. The pathway options provide students a structured experience in completing their thesis while researching a topic that interests them.

Required thesis or creative project elements include a thesis committee, approved thesis prospectus, thesis defense form, formal thesis defense event, and the final thesis work (approved by the thesis committee) which must be submitted to the Barrett Thesis Digital Repository.

## Honors Credit Hours and Academic Opportunities

Students are responsible for earning honors credit hours outside of the HON signature courses and the thesis or creative project. They may do so by obtaining a grade of "C" or "Y" through participation in:

- honors sections
- honors enrichment contracts
- honors Special Topics courses
- internship, teaching assistant, and research credit
- honors study abroad programs
- T.W. Lewis honors coursework
- graduate-level (500+) coursework

## Honors Progress and Support

A dedicated [honors advisor](#) is assigned to each incoming Barrett student. Barrett honors advising is mandatory for students. The honors advisor provides tools for navigating honors requirements, such as the Degree Audit Reporting System, or DARS, and connects students to campus-wide resources, extraordinary opportunities, and programs that create a unique honors experience. Additionally, Barrett students have an assigned major advisor in the college or department of their academic major and a faculty honors advisor.

Faculty honors advisors are disciplinary faculty members who serve as liaisons between their academic units and Barrett, The Honors College. Faculty honors advisors assist students with academic opportunities, information on graduate school, advice on the related field and profession, and assistance with the honors thesis or creative project. Barrett students are encouraged to work with these advisors throughout their undergraduate experience.

Questions should be directed to [Barrettadvising@asu.edu](mailto:Barrettadvising@asu.edu).

## Lower Division Curriculum

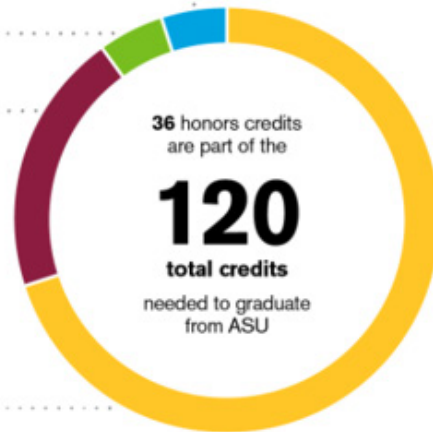
**6 credits**  
The Human Event

**6 credits**  
Thesis/Creative Project

**24 credits**

- Honors Sections
- Enrichment Contracts
- Special Topics Courses
- Internships/Research
- Barrett Study Abroad
- T.W. Lewis Center
- Graduate courses (500+ level)

**Remaining credits**  
Degree requirements



Advisors recommend earning 9 honors credits per year

## Upper Division Curriculum

**3 credits**  
History of Ideas

**6 credits**  
Thesis/Creative Project

**12 credits**

- Honors Sections
- Enrichment Contracts
- Special Topics Courses
- Internships/Research
- Barrett Study Abroad
- T.W. Lewis Center
- Graduate courses (500+ level)

**Remaining credits**  
Degree requirements



Advisors recommend earning 9 honors credits per year



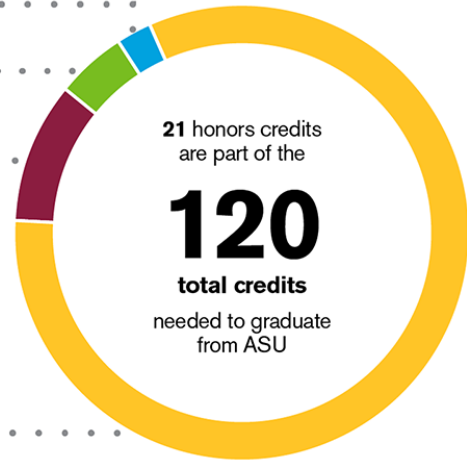
# Barrett Online Curriculum

**3 credits**  
The History of Ideas

**6 credits**  
Thesis/Creative Project

- 12 credits**
- Honors Sections
  - Enrichment Contracts
  - Special Topics Courses
  - Internships/Research
  - Barrett Study Abroad
  - T.W. Lewis Center
  - Graduate courses (500+ level)

**Remaining credits**  
Degree requirements



Advisors recommend earning 9 credit hours per year











## 2023 - 2024 Major Map

### Applied Biological Sciences (Applied Biological Sciences), BS

School/College: College of Integrative Sciences and Arts

Location: Polytechnic

TSABSABS

Term 1 0 - 14 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 BIO 181: General Biology I (SQ)	4	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students</li> <li>Select your <b>Career Interest Communities</b> and play <b>me3@ASU</b>.</li> </ul>
ASU 101-CLS: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
MAT 251: Calculus for Life Sciences (MA)	3	C	
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Term hours subtotal:	14		
Term 2 14 - 29 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 BIO 182: General Biology II (SG)	4	C	<ul style="list-style-type: none"> <li>Join a <b>student club</b> or professional organization.</li> </ul>
 CHM 113: General Chemistry I (SQ)	4	C	
ABS 100: Discovering the Professions	1	C	
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		
Term 3 29 - 43 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 CHM 116: General Chemistry II (SQ)	4	C	<ul style="list-style-type: none"> <li>Students considering graduate school or health professions should complete the PHY 111/113 and PHY 112/114 sequence. All other students will complete PHY 101 and elective hours.</li> <li>Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> </ul>
PHY 101: Introduction to Physics (SQ) OR PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ)	4	C	
Applied Biological Sciences Track	3	C	
Humanities, Arts and Design (HU)	3		
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	14		
Term 4 43 - 59.5 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes

❖ CHM 231: Elementary Organic Chemistry (SQ) AND CHM 235: Elementary Organic Chemistry Laboratory (SQ) OR CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I	4	C
ABS 200: Building Your Professional Self	.5	C
Literacy and Critical Inquiry (L)	3	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3	
Complete 2 courses: Elective	6	
Term hours subtotal:	16.5	

- Students considering graduate school or health professions should complete the following: CHM 233 and CHM 237, and CHM 234 and CHM 238 (instead of CHM 231 and CHM 235).
- Students considering graduate school or health professions should complete PHY 112 and 114 in term 4 as part of their electives.

Term 5 59.5 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ABS 370: Ecology	3	C	
ABS 300: Career Competencies and Skills	.5	C	
Applied Biological Sciences Track	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Literacy and Critical Inquiry (L)	3		
Elective	3		
Term hours subtotal:	15.5		

- Students considering graduate school or health professions should complete CHM 234 and CHM 238 as part of their electives in this term.
- Connect with faculty to seek opportunities for **research**.
- Use Handshake to research **employment opportunities**.

Term 6 75 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ABS 311: Molecular and Cellular Biology OR ABS 314: Applied Plant Physiology OR BIO 360: Animal Physiology	3	C	
Upper Division Applied Biological Sciences Track	3	C	
Upper Division Elective	3		
Complete 2 courses: Elective	6		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 104 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ABS 350: Applied Statistics (CS) OR STP 420: Introductory Applied Statistics (CS)	3	C	
★ ABS 490: Applied Biological Sciences Seminar	1	C	
★ BIO 340: General Genetics	4	C	
★ Upper Division Applied Biological Sciences Track	3	C	
Elective	3		
Term hours subtotal:	14		

- Gather **professional references**.
- Apply for **full-time career opportunities**.

Term 8 104 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Complete 2 courses: Upper Division Applied Biological Sciences Track	6	C	
Complete 3 courses: Upper Division Elective	10		
Term hours subtotal:	16		

- Students select one of two Applied Biological Sciences Tracks and complete 18 hours from within that track.

Hide Course List(s)/Track Group(s)

Applied Biological Sciences Health Track	Applied Biological Sciences General Biology Track
ABS 302: Ethical and Policy Issues in Biology	ABS Elective
ABS 312: Structure and Function	BIO Elective
ABS 318: Unseen Life on Earth	BCH Elective
ABS 355: Ecology and Adaptations of Vertebrates	MIC Elective
ABS 394: Food and Human Health	
ABS 394: Medicine and Culture	
ABS 417: Comparative Immunology	
ABS 484: Internship	
ABS 494: Anatomy Practicum	
ABS 494: Emerging Infections & Epidemics	
ABS 494: Natural Products & Drug Discovery	
BCH 361: Advanced Principles of Biochemistry AND BCH 367: Elementary Biochemistry Laboratory	
BIO 201: Human Anatomy and Physiology I (SG)	
BIO 202: Human Anatomy and Physiology II (SG)	
BIO 351: Developmental Biology	
MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG)	
SPA 118: Basic Spanish for Health Care Professionals	

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Students must complete a minimum of 12 credit hours of science courses offered by the College of Integrative Sciences and Arts. Select from ABS, CHM, BIO, PHY, and MIC prefixes.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for**  
**Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.











## 2023 - 2024 Major Map



### Applied Biological Sciences (Natural Resource Ecology), BS





School/College: College of Integrative Sciences and Arts





Location: Polytechnic





LSABSNRBS

Term 1 0 - 14 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ASU 101-CLS: The ASU Experience	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students</li> <li>Select your <b>Career Interest Communities</b> and play <b>me3@ASU</b>.</li> </ul>
 BIO 181: General Biology I (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 251: Calculus for Life Sciences (MA)	3	C	
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Term hours subtotal:	14		
Term 2 14 - 29 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 BIO 182: General Biology II (SG)	4	C	<ul style="list-style-type: none"> <li>Join a <b>student club</b> or professional organization.</li> </ul>
 CHM 113: General Chemistry I (SQ)	4	C	
ABS 100: Discovering the Professions	1	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		
Term 3 29 - 46 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CHM 116: General Chemistry II (SQ)	4	C	<ul style="list-style-type: none"> <li>Students in the Wildlife Track should take ABS 274. Students in the Rangelands/Watershed Track should take ABS 225/226.</li> <li>Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> </ul>
ABS 270: Sustainable Biological Systems	3	C	
ABS 274: Introduction to Wildlife Management OR ABS 225: Soils (SQ) AND ABS 226: Soils Laboratory (SQ)	4	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Elective	3		
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	17		
		<b>Minimum</b>	

Term 4 46 - 62.5 Credit Hours <b>Critical course signified by</b> 	Hours	Grade	Notes
 ABS 207: Applied Plant Taxonomy	3	C	<ul style="list-style-type: none"> <li>Students considering graduate school or health professions should complete the Organic Chemistry Sequence of both CHM 233/237 and CHM 234/238 sequence, using CHM 234/238 in place of electives. All other students will complete CHM 231/235.</li> </ul>
ABS 200: Building Your Professional Self	.5	C	
CHM 231: Elementary Organic Chemistry (SQ) AND CHM 235: Elementary Organic Chemistry Laboratory (SQ) OR CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I	4	C	
Literacy and Critical Inquiry (L)	3		
Complete 2 courses: Elective	6		
Term hours subtotal:	16.5		

Term 5 62.5 - 79 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 ABS 350: Applied Statistics (CS)	3	C	<ul style="list-style-type: none"> <li>Students considering graduate school should complete the PHY 111/113 and PHY 112/114 sequence, using PHY 112/114 in place of electives. All other students can complete PHY 101.</li> <li>Connect with faculty to seek opportunities for <b>research</b>.</li> </ul>
 ABS 370: Ecology	3	C	
 Upper Division Natural Resource Ecology Track	3	C	
ABS 300: Career Competencies and Skills	.5	C	
PHY 101: Introduction to Physics (SQ) OR PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ)	4	C	
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	16.5		

Term 6 79 - 94 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 ABS 311: Molecular and Cellular Biology OR ABS 314: Applied Plant Physiology OR BIO 360: Animal Physiology	3	C	<ul style="list-style-type: none"> <li>Students in the Wildlife Track should take ABS 355. Students in the Rangelands/Watershed Track should take ABS 430.</li> <li>Use Handshake to research <b>employment opportunities</b>.</li> </ul>
 ABS 355: Ecology and Adaptations of Vertebrates OR ABS 430: Watershed Management	3	C	
Complete 2 courses: Upper Division Natural Resource Ecology Track	6	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 94 - 108 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 ABS 490: Applied Biological Sciences Seminar	1	C	<ul style="list-style-type: none"> <li>Gather <b>professional references</b>.</li> <li>Apply for <b>full-time career opportunities</b>.</li> </ul>
 BIO 340: General Genetics	4	C	
 Upper Division Natural Resource Ecology Track	3	C	
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	14		

Term 8 108 - 120 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 ABS 479: Ecosystem Management and Planning (L)	3	C	
ABS 484: Internship OR Upper Division Elective	3		

Upper Division Elective	3
Elective	3
Term hours subtotal:	12

- Students select one of three Natural Resource Ecology Tracks and complete 12 hours from within that track.

Hide Course List(s)/Track Group(s)

General Track (12 Credits)	Wildlife Track (12 Credits)	Rangeland and Watershed Track (12 Credits)
ABS 312: Structure and Function	ABS 376: Wildlife Ecology	ABS 368: Plant Propagation
ABS 318: Unseen Life on Earth	ABS 378: Animal Nutrition	ABS 376: Wildlife Ecology
ABS 376: Wildlife Ecology	ABS 384: Natural Resources Measurements	ABS 380: Restoration and Wildlife Plants
ABS 378: Animal Nutrition	ABS 470: Life History of Mammals	ABS 384: Natural Resources Measurements
ABS 380: Restoration and Wildlife Plants	ABS 472: Applied Herpetology	ABS 434: Soil Ecology
ABS 384: Natural Resources Measurements	ABS 473: Applied Ornithology	ABS 440: Ecological Restoration Techniques
ABS 417: Comparative Immunology	ABS 475: Habitat Management for Small Wildlife	ABS 441: Ecological Restoration Practicum
ABS 434: Soil Ecology	ABS 476: Big Game Habitat Management	ABS 474: Riparian Ecosystem Management
ABS 440: Ecological Restoration Techniques	ABS 485: GIS in Natural Resources	ABS 476: Big Game Habitat Management
ABS 441: Ecological Restoration Practicum AND ABS 470: Life History of Mammals	ABS 486: Introduction to Remote Sensing	ABS 481: Riparian and Wetland Restoration
ABS 472: Applied Herpetology	ABS 494: Applied Populations and Habitat Ecology	ABS 485: GIS in Natural Resources
ABS 473: Applied Ornithology	ABS 494: Emerging Infections & Epidemics	ABS 486: Introduction to Remote Sensing
ABS 474: Riparian Ecosystem Management		ABS 494: Applied Populations and Habitat Ecology
ABS 485: GIS in Natural Resources		ABS 494: Rangeland Ecosystem Management
ABS 486: Introduction to Remote Sensing		
ABS 489: Undergraduate Research		
ABS 494: Applied Populations and Habitat Ecology		
ABS 494: Emerging Infections & Epidemics		

**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.
- Students must complete a minimum of 12 credit hours of science courses offered by the College of Integrative Sciences and Arts. Select from ABS, CHM, BIO, PHY, and MIC prefixes.



**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.












## 2023 - 2024 Major Map

### Applied Biological Sciences (Pre-Dental), BS

School/College: College of Integrative Sciences and Arts

Location: Polytechnic

LSABSPDBS

Term 1 0 - 14 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 BIO 181: General Biology I (SQ)	4	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>Select your <b>Career Interest Communities</b> and play <b>me3@ASU</b>.</li> </ul>
ASU 101-CLS: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
MAT 251: Calculus for Life Sciences (MA)	3	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	14		
Term 2 14 - 31 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 BIO 182: General Biology II (SG)	4	C	<ul style="list-style-type: none"> <li>Join a <b>student club</b> or professional organization.</li> </ul>
 CHM 113: General Chemistry I (SQ)	4	C	
ABS 272: Discovering Dentistry	3	C	
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	17		
Term 3 31 - 45 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 CHM 116: General Chemistry II (SQ)	4	C	<ul style="list-style-type: none"> <li>Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> </ul>
 PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ)	4	C	
PSY 101: Introduction to Psychology (SB)	3		
Literacy and Critical Inquiry (L)	3		
 Complete ABS 272 course(s).			
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	14		
		<b>Minimum</b>	

Term 4 45 - 60.5 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Grade	Notes
⚠ MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG)	4	C	
⚠ PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ)	4	C	
ABS 200: Building Your Professional Self	.5	C	
BIO 201: Human Anatomy and Physiology I (SG)	4	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	15.5		

Term 5 60.5 - 75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ ABS 311: Molecular and Cellular Biology	3	C	<ul style="list-style-type: none"> <li>• Prepare for the Dental Admission Test (DAT). Visit <a href="#">ASU's Pre-Dental Pathway</a> page for more information.</li> <li>• Choose Upper Division Pre-Dental Electives from the list at the bottom of the major map.</li> <li>• Use Handshake to research <b>employment opportunities</b>.</li> <li>• Connect with faculty to seek opportunities for <b>research</b>.</li> </ul>
ABS 300: Career Competencies and Skills	.5	C	
BIO 202: Human Anatomy and Physiology II (SG)	4	C	
CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I	4	C	
Upper Division Pre-Dental Elective	3	C	
Term hours subtotal:	14.5		

Term 6 75 - 89 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ BIO 340: General Genetics	4	C	<ul style="list-style-type: none"> <li>• Choose Upper Division Pre-Dental Electives from the list at the bottom of the major map.</li> </ul>
CHM 234: General Organic Chemistry II AND CHM 238: General Organic Chemistry Laboratory II	4	C	
Upper Division Pre-Dental Elective	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	14		

Term 7 89 - 105 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ ABS 490: Applied Biological Sciences Seminar	1	C	<ul style="list-style-type: none"> <li>• Gather <b>professional references</b>.</li> <li>• Choose Upper Division Pre-Dental Electives from the list at the bottom of the major map.</li> <li>• Apply for <b>full-time career opportunities</b>.</li> </ul>
ABS 350: Applied Statistics (CS) OR STP 420: Introductory Applied Statistics (CS)	3	C	
ABS 422: Head and Neck Anatomy	3	C	
BCH 361: Advanced Principles of Biochemistry	3	C	
Upper Division Pre-Dental Elective	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	16		

Term 8 105 - 120 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ ABS 417: Comparative Immunology	3	C	<ul style="list-style-type: none"> <li>• Choose Upper Division Pre-Dental Electives from the list at the bottom of the major map.</li> </ul>
ABS 484: Internship OR Upper Division Elective	3		
Complete 2 courses: Upper Division Pre-Dental Elective	6	C	

Upper Division Elective	1
Elective	2
Term hours subtotal:	15

Hide Course List(s)/Track Group(s)

Upper Division Pre-Dental Electives
ABS 302: Ethical and Policy Issues in Biology
ABS 318: Unseen Life on Earth
ABS 355: Ecology and Adaptations of Vertebrates
ABS 484: Internship
ABS 489: Undergraduate Research
ABS 494: Emerging Infections & Epidemics
ABS 494: Mammalian Gross Anatomy
ASM 345: Disease and Human Evolution
BIO 351: Developmental Biology
BIO 360: Animal Physiology
CHS 308: Comparative Health Systems
PHY 394: Basics of Medical Physics

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Students must complete a minimum of 12 credit hours of science courses offered by the College of Integrative Sciences and Arts. Select from ABS, CHM, BIO, PHY, and MIC subject areas.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

#### First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

## 2023 - 2024 Major Map

### Applied Biological Sciences (Pre-Dental), BS










School/College: [College of Integrative Sciences and Arts](#)

Location: [Online ASU Local](#)

LSABSPDBS

In order to complete the requirements of this program, some laboratory courses will be completed in-person at the Tempe Campus.

These laboratory courses will be offered during summer. This may impact your financial aid. Financial aid is available to those who apply and qualify, and students may receive funds to help cover costs for each semester of enrollment. The amount of financial aid that a student is eligible for varies depending on prior education experience and other individual factors. [Learn](#) more about summer financial aid and additional ways to cover summer costs.

Term 1 - A 0 - 8 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 BIO 181: General Biology I (SQ)	4	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>Select your <a href="#">Career Interest Communities</a> and play <a href="#">me3@ASU</a>.</li> </ul>
ASU 101-CLS: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Term hours subtotal:	8		
Term 1 - B 8 - 15 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 BIO 182: General Biology II (SG)	4	C	<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> </ul>
MAT 251: Calculus for Life Sciences (MA)	3	C	
Term hours subtotal:	7		
Term 2 - A 15 - 22 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CHM 113: General Chemistry I (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Term hours subtotal:	7		
Term 2 - B 22 - 29 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CHM 116: General Chemistry II (SQ)	4	C	<ul style="list-style-type: none"> <li>Join a <a href="#">student club</a> or professional organization.</li> </ul>
ABS 272: Discovering Dentistry	3	C	
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	7		
Term 3 - A 29 - 36 Credit Hours	Hours	Minimum Grade	Notes

PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ)	4	C
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3	
Term hours subtotal:	7	

Term 3 - B 36 - 43 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ)	4	C	• Secure a part-time job or volunteer experience.
PSY 101: Introduction to Psychology (SB)	3		
⚠ Complete ABS 272 course(s).			
⚠ Complete Mathematics (MA) requirement.			
Term hours subtotal:	7		

Term 4 - A 43 - 50.5 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
⚠ MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG)	4	C	
ABS 200: Building Your Professional Self	0.5	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Term hours subtotal:	7.5		

Term 4 - B 50.5 - 57.5 Credit Hours	Hours	Minimum Grade	Notes
BIO 340: General Genetics	4	C	
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	7		

Term 5 - A 57.5 - 65 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ ABS 311: Molecular and Cellular Biology	3	C	
ABS 300: Career Competencies and Skills	0.5	C	
BIO 201: Human Anatomy and Physiology I (SG)	4	C	
Term hours subtotal:	7.5		

Term 5 - B 65 - 72 Credit Hours	Hours	Minimum Grade	Notes
BIO 202: Human Anatomy and Physiology II (SG)	4	C	• Prepare for the Dental Admission Test (DAT). Visit <a href="#">ASU's Pre-Dental page</a> for more information. • Use Handshake to research <b>employment opportunities</b> . • Connect with faculty to seek opportunities for <b>research</b> .
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	7		

Term 6 - A 72 - 78 Credit Hours	Hours	Minimum Grade	Notes
CHM 233: General Organic Chemistry I	3	C	• Choose an Upper Division Pre-Dental Elective from the list at the bottom of the major map.
Upper Division Pre-Dental Elective	3	C	
Term hours subtotal:	6		

		Minimum	
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Term 6 - B 78 - 87 Credit Hours <b>Necessary course signified by</b> ★	Hours	Grade	Notes
CHM 234: General Organic Chemistry II	3	C	<ul style="list-style-type: none"> <li>Choose an Upper Division Pre-Dental Elective from the list at the bottom of the major map.</li> </ul>
Upper Division Pre-Dental Elective	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:		9	

Summer 6 87 - 89 Credit Hours	Hours	Minimum Grade	Notes
CHM 237: General Organic Chemistry Laboratory I	1	C	<ul style="list-style-type: none"> <li>ASU Online students will complete all experiments for the Organic Chemistry labs at the ASU Tempe campus during a one-week session in summer. Lab reports will be completed in subsequent weeks during the same summer term.</li> </ul>
CHM 238: General Organic Chemistry Laboratory II	1	C	
Term hours subtotal:	2		

Term 7 - A 89 - 96 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ ABS 490: Applied Biological Sciences Seminar	1	C	
ABS 422: Head and Neck Anatomy	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	7		

Term 7 - B 96 - 105 Credit Hours	Hours	Minimum Grade	Notes
ABS 350: Applied Statistics (CS) OR STP 420: Introductory Applied Statistics (CS)	3	C	<ul style="list-style-type: none"> <li>Gather professional references.</li> <li>Apply for full-time career opportunities.</li> <li>Choose an Upper Division Pre-Dental Elective from the list at the bottom of the major map.</li> </ul>
BCH 361: Advanced Principles of Biochemistry	3	C	
Upper Division Pre-Dental Elective	3	C	
Term hours subtotal:	9		

Term 8 - A 105 - 114 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ ABS 417: Comparative Immunology	3	C	<ul style="list-style-type: none"> <li>Choose an Upper Division Pre-Dental Elective from the list at the bottom of the major map.</li> </ul>
ABS 484: Internship OR Upper Division Elective	3		
Upper Division Pre-Dental Elective	3	C	
Term hours subtotal:	9		

Term 8 - B 114 - 120 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Pre-Dental Elective	3	C	<ul style="list-style-type: none"> <li>Choose an Upper Division Pre-Dental Elective from the list at the bottom of the major map.</li> </ul>
Upper Division Elective	1		
Elective	2		
Term hours subtotal:	6		

Hide Course List(s)/Track Group(s)



### Upper Division Pre-Dentistry Electives

ABS 302: Ethical and Policy Issues in Biology

ABS 318: Unseen Life on Earth

ABS 355: Ecology and Adaptations of Vertebrates

ABS 484: Internship

ABS 494: Emerging Infections & Epidemics

ABS 494: Mammalian Gross Anatomy

ASM 345: Disease and Human Evolution

BIO 351: Developmental Biology

BIO 360: Animal Physiology

CHS 308: Comparative Health Systems

PHY 394: Basics of Medical Physics

#### Notes:

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  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Students must complete a minimum of 12 credit hours of science courses offered by the College of Integrative Sciences and Arts. Select from ABS, CHM, BIO, PHY, and MIC subject areas.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

#### General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.











## 2023 - 2024 Major Map





### Applied Biological Sciences (Preveterinary Medicine), BS



School/College: College of Integrative Sciences and Arts





Location: Polytechnic


LSABSPMBS

Term 1 0 - 14 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 BIO 181: General Biology I (SQ)	4	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students</li> <li>Select your <b>Career Interest Communities</b> and play <b>me3@ASU</b>.</li> </ul>
ASU 101-CLS: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
MAT 251: Calculus for Life Sciences (MA)	3	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	14		
Term 2 14 - 29 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 BIO 182: General Biology II (SG)	4	C	<ul style="list-style-type: none"> <li>Join a <b>student club</b> or professional organization.</li> </ul>
 CHM 113: General Chemistry I (SQ)	4	C	
ABS 100: Discovering the Professions	1	C	
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		
Term 3 29 - 46 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 CHM 116: General Chemistry II (SQ)	4	C	<ul style="list-style-type: none"> <li>Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> </ul>
 PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ)	4	C	
ABS 271: Veterinary Medicine Today	3	C	
OGL 200: Introduction to Organizational Leadership (SB) OR OGL 220: Behavioral Dynamics in Organizations (SB)	3	C	
Elective	3		
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	17		

Term 4 46 - 60.5 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG)	4	C	
 PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ)	4	C	
ABS 200: Building Your Professional Self	.5	C	
Literacy and Critical Inquiry (L)	3		
Elective	3		
 Complete ABS 271 course(s).			
Term hours subtotal:	14.5		

Term 5 60.5 - 77 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 ABS 311: Molecular and Cellular Biology OR BIO 360: Animal Physiology	3	C	<ul style="list-style-type: none"> <li>• Use Handshake to research <b>employment opportunities</b>.</li> <li>• Connect with faculty to seek opportunities for <b>research</b>.</li> </ul>
ABS 300: Career Competencies and Skills	.5	C	
CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I	4	C	
OGL 340: Special Topics	3	C	
Upper Division Pre-Veterinary Elective	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	16.5		

Term 6 77 - 91 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 ABS 355: Ecology and Adaptations of Vertebrates	3	C	
 BIO 340: General Genetics	4	C	
CHM 234: General Organic Chemistry II AND CHM 238: General Organic Chemistry Laboratory II	4	C	
Upper Division Pre-Veterinary Elective	3	C	
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	14		

Term 7 91 - 105 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 ABS 490: Applied Biological Sciences Seminar	1	C	<ul style="list-style-type: none"> <li>• Gather <b>professional references</b>.</li> <li>• Apply for <b>full-time career opportunities</b>.</li> </ul>
ABS 350: Applied Statistics (CS) OR STP 420: Introductory Applied Statistics (CS)	3	C	
BCH 361: Advanced Principles of Biochemistry	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Literacy and Critical Inquiry (L)	3		
Upper Division Elective	1		
Term hours subtotal:	14		

Term 8 105 - 120 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 ABS 378: Animal Nutrition	3	C	
ABS 484: Internship OR Upper Division Elective	3		

<i>Complete 2 courses:</i>		
Upper Division Pre-Veterinary Elective	6	C
Elective	3	
Term hours subtotal:	15	

Hide Course List(s)/Track Group(s)

Pre-Veterinary Electives (12 Hours Required)
ABS 302: Ethical and Policy Issues in Biology
ABS 312: Structure and Function
ABS 318: Unseen Life on Earth
ABS 371: Small Animal Veterinary Topics
ABS 372: Captive Animal Behavior Management
ABS 376: Wildlife Ecology
ABS 394: Animal Anatomy
ABS 394: Introduction to Equine Science
ABS 417: Comparative Immunology
ABS 470: Life History of Mammals
ABS 472: Applied Herpetology
ABS 473: Applied Ornithology
ABS 484: Internship
ABS 494: Anatomy Practicum
ABS 494: Emerging Infections & Epidemics

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Students must complete a minimum of 12 credit hours of science courses offered by the College of Integrative Sciences and Arts. Select from ABS, CHM, BIO, PHY, and MIC prefixes.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

## 2023 - 2024 Major Map

### Applied Biological Sciences (Preveterinary Medicine), BS



School/College: [College of Integrative Sciences and Arts](#)



Location: [Online ASU Local](#)



LSABSPMBS




In order to complete the requirements of this program, some laboratory courses will be completed in-person at the Tempe Campus.

These laboratory courses will be offered during summer. This may impact your financial aid. Financial aid is available to those who apply and qualify, and students may receive funds to help cover costs for each semester of enrollment. The amount of financial aid that a student is eligible for varies depending on prior education experience and other individual factors. [Learn](#) more about summer financial aid and additional ways to cover summer costs.

Term 1 - A 0 - 8 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 BIO 181: General Biology I (SQ)	4	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>Select your <a href="#">Career Interest Communities</a> and play <a href="#">me3@ASU</a>.</li> </ul>
ASU 101-CLS: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Term hours subtotal:	8		

Term 1 - B 8 - 15 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 BIO 182: General Biology II (SG)	4	C	<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> <li>Select your <a href="#">Career Interest Communities</a> and play <a href="#">me3@ASU</a>.</li> </ul>
MAT 251: Calculus for Life Sciences (MA)	3	C	
Term hours subtotal:	7		

Term 2 - A 15 - 22 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CHM 113: General Chemistry I (SQ)	4	C	<ul style="list-style-type: none"> <li>Join a <a href="#">student club</a> or professional organization.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Term hours subtotal:	7		

Term 2 - B 22 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CHM 116: General Chemistry II (SQ)	4	C	
ABS 100: Discovering the Professions	1	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	8		

Term 3 - A 30 - 37 Credit Hours <b>Critical course signified by</b> 🚩	Hours	Minimum Grade	Notes
🚩 ABS 271: Veterinary Medicine Today	3	C	
PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ)	4	C	
Term hours subtotal:	7		
Term 3 - B 37 - 44 Credit Hours <b>Critical course signified by</b> 🚩	Hours	Minimum Grade	Notes
🚩 PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ)	4	C	• Secure a <b>part-time job</b> or <b>volunteer</b> experience.
OGL 200: Introduction to Organizational Leadership (SB) OR OGL 220: Behavioral Dynamics in Organizations (SB)	3	C	
🚩 Complete Mathematics (MA) requirement.			
Term hours subtotal:	7		
Term 4 - A 44 - 51.5 Credit Hours <b>Critical course signified by</b> 🚩	Hours	Minimum Grade	Notes
🚩 MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG)	4	C	
ABS 200: Building Your Professional Self	.5	C	
Elective	3		
Term hours subtotal:	7.5		
Term 4 - B 51.5 - 60.5 Credit Hours	Hours	Minimum Grade	Notes
Literacy and Critical Inquiry (L)	3		• COM 225 Public Speaking (L) is recommended for students wishing to pursue veterinary school.
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Elective	3		
Term hours subtotal:	9		
Term 5 - A 60.5 - 67 Credit Hours <b>Necessary course signified by</b> ⭐	Hours	Minimum Grade	Notes
⭐ ABS 311: Molecular and Cellular Biology OR BIO 360: Animal Physiology	3	C	• Connect with faculty to seek opportunities for <b>research</b> .
ABS 300: Career Competencies and Skills	.5	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	6.5		
Term 5 - B 67 - 74 Credit Hours <b>Necessary course signified by</b> ⭐	Hours	Minimum Grade	Notes
⭐ BIO 340: General Genetics	4	C	
OGL 340: Special Topics	3	C	
Term hours subtotal:	7		
Term 6 - A 74 - 80 Credit Hours	Hours	Minimum Grade	Notes
ABS 355: Ecology and Adaptations of Vertebrates	3	C	
CHM 233: General Organic Chemistry I	3	C	
Term hours subtotal:	6		
Term 6 - B 80 - 86 Credit Hours <b>Necessary course signified by</b> ⭐	Hours	Minimum Grade	Notes

CHM 234: General Organic Chemistry II	3	C
Upper Division Pre-Veterinary Elective	3	C
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
Term hours subtotal:	6	

- Use **Handshake** to research employment opportunities.

Summer 6 86 - 88 Credit Hours	Hours	Minimum Grade	Notes
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CHM 237: General Organic Chemistry Laboratory I	1	C
CHM 238: General Organic Chemistry Laboratory II	1	C
Term hours subtotal:	2	

- ASU Online students will complete all experiments for the Organic Chemistry labs at the ASU Tempe campus during a one-week session in summer. Lab reports will be completed in subsequent weeks during the same summer term.

Term 7 - A 88 - 96 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ BCH 361: Advanced Principles of Biochemistry	3	C
ABS 490: Applied Biological Sciences Seminar	1	C
Upper Division Pre-Veterinary Elective	3	C
Upper Division Elective	1	
Term hours subtotal:	8	

- Gather **professional references**.
- Apply for full-time **career opportunities**.

Term 7 - B 96 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ ABS 350: Applied Statistics (CS)	3	C
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3	
Upper Division Literacy and Critical Inquiry (L)	3	
Term hours subtotal:	9	

- Use **Handshake** to research employment opportunities.

Term 8 - A 105 - 111 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ ABS 378: Animal Nutrition	3	C
ABS 484: Internship OR Upper Division Elective	3	
Term hours subtotal:	6	

Term 8 - B 111 - 120 Credit Hours	Hours	Minimum Grade	Notes
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Complete 2 courses:		
Upper Division Pre-Veterinary Elective	6	C
Elective	3	
Term hours subtotal:	9	

Hide Course List(s)/Track Group(s)

Pre-Veterinary Electives (12 Hours Required)

ABS 302: Ethical and Policy Issues in Biology

ABS 312: Structure and Function



ABS 318: Unseen Life on Earth

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ABS 371: Small Animal Veterinary Topics

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ABS 372: Captive Animal Behavior  
Management

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ABS 376: Wildlife Ecology

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ABS 394: Animal Anatomy

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ABS 394: Introduction to Equine Science

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ABS 417: Comparative Immunology

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ABS 470: Life History of Mammals

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ABS 472: Applied Herpetology

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ABS 473: Applied Ornithology

---

ABS 484: Internship

---

ABS 494: Anatomy Practicum

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ABS 494: Emerging Infections & Epidemics

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**Notes:**

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Students must complete a minimum of 12 credit hours of science courses offered by the College of Integrative Sciences and Arts. Select from ABS, CHM, BIO, PHY, and MIC prefixes.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.












## 2023 - 2024 Major Map

### Applied Biological Sciences (Secondary Education in Biology), BS

School/College: College of Integrative Sciences and Arts

Location: Polytechnic

TSABSSBS

Term 1 0 - 14 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 BIO 181: General Biology I (SQ)	4	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students</li> <li>Select your <b>Career Interest Communities</b> and play <b>me3@ASU</b>.</li> </ul>
ASU 101-CLS: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
MAT 251: Calculus for Life Sciences (MA)	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H) (HST 109 recommended)	3		
Term hours subtotal:	14		
Term 2 14 - 29 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 BIO 182: General Biology II (SG)	4	C	<ul style="list-style-type: none"> <li>Join a <b>student club</b> or professional organization.</li> </ul>
 CHM 113: General Chemistry I (SQ)	4	C	
ABS 100: Discovering the Professions	1	C	
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
SPE 222: Orientation to Education of Exceptional Children (SB & C)	3	C	
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		
Term 3 29 - 42 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 CHM 116: General Chemistry II (SQ)	4	C	<ul style="list-style-type: none"> <li>Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> <li>Apply for an <b>Identity Verified Print (IVP)</b> DPS fingerprint card, required by state law for participation in internships in 6-12th grade schools.</li> </ul>
 MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG)	4	C	
Global Awareness (G)	3		
Elective	2		
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	13		
Term 4 42 - 58.5 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes

❖ PHY 101: Introduction to Physics (SQ) OR PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ)	4	C
ABS 200: Building Your Professional Self	.5	C
BLE 220: Foundations of Structured English Immersion (L)	3	C
Humanities, Arts and Design (HU) ( TEL 212 recommended)	3	
Social-Behavioral Sciences (SB) AND Historical Awareness (H) ( GCU 113 recommended)	3	
Elective	3	
Term hours subtotal:	16.5	

- Students considering graduate school or health professions should complete the PHY 111/113 and PHY 112/114 sequence, using PHY 112/114 in place of electives. All other students will complete PHY 101.
- Meet with a Teachers College advisor early in the semester to discuss enrollment in upper division education program courses and required internships in upcoming semesters. You will need to submit an IVP fingerprint clearance card to Teachers College. Upper division education courses will be taught in Tempe, OR may also be available on Zoom. They are not taught in person at Poly.
- GCU 113 satisfies the US and AZ constitution requirement for teacher certification. BLE 220 satisfies the requirement for a Structured English Immersion Endorsement (For Certified Teachers). This Endorsement authorizes the holder to teach one or more English language learners in the area they are appropriately certified.

Term 5 58.5 - 76 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ABS 350: Applied Statistics (CS)	3	C	<ul style="list-style-type: none"> <li>• Students considering graduate school or health professions should complete the Organic Chemistry Sequence of both CHM 233/237 and CHM 234/238 sequence, using CHM 234/238 in place of electives. All other students will complete CHM 231/235.</li> <li>• During your clinical experience internships, you will work alongside a lead teacher in a 6-12th grade classroom. Reliable transportation is required to get to school sites in terms 5-8.</li> <li>• Connect with faculty to seek opportunities for <b>research</b>.</li> </ul>
★ ABS 370: Ecology	3	C	
CHM 231: Elementary Organic Chemistry (SQ) AND CHM 235: Elementary Organic Chemistry Laboratory (SQ) OR CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I	4	C	
★ TEL 310: Instructional Thought and Action: Instructional Design and Planning	3	C	
ABS 300: Career Competencies and Skills	.5	C	
TEL 318: Instructional Thought and Action: Assessment for Learning	3	C	
TEL 355: Internship: Initial	1	C	
Minimum 2.25 GPA ASU Cumulative.			
Term hours subtotal:	17.5		

Term 6 76 - 92 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ABS 311: Molecular and Cellular Biology OR ABS 314: Applied Plant Physiology OR BIO 360: Animal Physiology	3	C	<ul style="list-style-type: none"> <li>• Use Handshake to research <b>employment opportunities</b>.</li> <li>• Meet with a Mary Lou Fulton Teachers College Advisor with any questions related to education course requirements.</li> </ul>
★ SED 482: Science Teaching Methods for Secondary Schools	3	C	
★ TEL 317: Instructional Thought and Action: Learning Environment and Management	3	C	
★ TEL 366: Internship: Intermediate	1	C	
ABS 207: Applied Plant Taxonomy OR ABS 355: Ecology and Adaptations of Vertebrates OR BCH 361: Advanced Principles of Biochemistry	3		
Upper Division Literacy and Critical Inquiry (L)	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			

Minimum 2.25 GPA ASU Cumulative.

Term hours subtotal: 16

Term 7 92 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ABS 490: Applied Biological Sciences Seminar	1	C	<ul style="list-style-type: none"> <li>• Gather professional references.</li> <li>• Apply for full-time career opportunities.</li> <li>• Students seeking teacher certification must pass required educator exams. Please speak with your Teachers College advisor to plan appropriately.</li> </ul>
★ BIO 340: General Genetics	4	C	
★ TEL 332: Disciplinary Literacy Methods	3	C	
★ TEL 477: Internship: Advanced	2	C	
BIO 480: Methods of Teaching Biology	3	C	
Upper Division Social-Behavioral Sciences (SB) ( TEL 340 recommended) OR Upper Division Humanities, Arts and Design (HU)	3		

Minimum 2.25 GPA ASU Cumulative.

Term hours subtotal: 16

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TEL 488: Student Teaching	11	C	<ul style="list-style-type: none"> <li>• Your student teaching residency requires a full-time commitment in a 6-12th grade classroom for the semester.</li> </ul>
TEL 471: Professional Educator Series: The Principled Educator	1		
Minimum 2.25 GPA ASU Cumulative.			

Term hours subtotal: 12

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Students must complete a minimum of 12 credit hours of science courses offered by the College of Integrative Sciences and Arts. Select from ABS, CHM, BIO, PHY, and MIC prefixes.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

#### First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.










## 2023 - 2024 Major Map

### Applied Biological Sciences (Sustainable Horticulture), BS

School/College: College of Integrative Sciences and Arts

Location: Polytechnic

TSABSUBS

Term 1 0 - 14 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 BIO 181: General Biology I (SQ)	4	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students</li> <li>Select your <b>Career Interest Communities</b> and play me3@ASU.</li> </ul>
ASU 101-CLS: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
MAT 251: Calculus for Life Sciences (MA)	3	C	
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Term hours subtotal:	14		
Term 2 14 - 29 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 BIO 182: General Biology II (SG)	4	C	<ul style="list-style-type: none"> <li>Students considering graduate school or health professions should complete the PHY 111/113 and PHY 112/114 sequence, using PHY 112/114 in place of electives. All other students will complete PHY 101.</li> <li>Join a <b>student club</b> or professional organization.</li> </ul>
ABS 100: Discovering the Professions	1	C	
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
PHY 101: Introduction to Physics (SQ) OR PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ)	4	C	
Humanities, Arts and Design (HU)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		
Term 3 29 - 45 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 CHM 113: General Chemistry I (SQ)	4	C	<ul style="list-style-type: none"> <li>Secure a <b>part-time job</b> or volunteer experience.</li> </ul>
Historical Awareness (H)	3		
Literacy and Critical Inquiry (L)	3		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Elective	3		
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		
Term 4 45 - 59.5 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes

◆ ABS 260: Fundamentals of Sustainable Horticulture (SG)	4	C
◆ CHM 116: General Chemistry II (SQ)	4	C
ABS 200: Building Your Professional Self	.5	C
Sustainable Horticulture Elective	3	C
Humanities, Arts and Design (HU)	3	
Term hours subtotal:	14.5	

- Sustainable Horticulture Elective chosen from list below.

Term 5 59.5 - 76 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ABS 363: Sustainable Landscape Practice	4	C	<ul style="list-style-type: none"> <li>• Students considering graduate school or health professions should complete the Organic Chemistry Sequence of both CHM 233/237 and CHM 234/238 sequence, using CHM 234/238 in place of electives. All</li> <li>• Connect with faculty to seek opportunities for research.</li> </ul>
★ ABS 370: Ecology	3	C	
ABS 300: Career Competencies and Skills	.5	C	
CHM 231: Elementary Organic Chemistry (SQ) AND CHM 235: Elementary Organic Chemistry Laboratory (SQ) OR CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I	4	C	
Upper Division Elective	3		
Elective	2		
Term hours subtotal:	16.5		

Term 6 76 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ABS 368: Plant Propagation	3	C	<ul style="list-style-type: none"> <li>• Use Handshake to research employment opportunities.</li> </ul>
★ BIO 340: General Genetics	4	C	
ABS 362: Landscape Plants	4	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	14		

Term 7 90 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ABS 311: Molecular and Cellular Biology OR ABS 314: Applied Plant Physiology OR BIO 353: Cell Biology OR BIO 360: Animal Physiology	3	C	<ul style="list-style-type: none"> <li>• Gather professional references.</li> <li>• Apply for full-time career opportunities.</li> </ul>
★ ABS 350: Applied Statistics (CS)	3	C	
★ ABS 464: Desert Horticulture	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Elective	3		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ABS 490: Applied Biological Sciences Seminar	1	C	
★ Upper Division Sustainable Horticulture Elective	3	C	

Complete 2 courses: Upper Division Elective	5
Complete 2 courses: Elective	6
Term hours subtotal:	15

Hide Course List(s)/Track Group(s)

Sustainable Horticulture Elective
ABS 225: Soils (SQ)
ABS 318: Unseen Life on Earth
ABS 364: Urban Forestry
ABS 365: Future of Agriculture: Vertical Farming
ABS 460: Organic Gardening
ABS 462: Greenhouse/Nursery Management
ABS 484: Internship

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Students must complete a minimum of 12 credit hours of science courses offered by the College of Integrative Sciences and Arts. Select from ABS, CHM, BIO, PHY, and MIC prefixes.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition



General Studies designations listed on the major map are current for the 2023 - 2024 academic year.





## 2023 - 2024 Major Map






### Applied Mathematics, BS




School/College: College of Integrative Sciences and Arts

Location: Polytechnic

LSMATBS

Term 1 0 - 13 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students</li> <li>Select your <b>Career Interest Communities</b> and play <b>me3@ASU</b>.</li> </ul>
 MAT 265: Calculus for Engineers I (MA) OR MAT 270: Calculus with Analytic Geometry I (MA)	3-4	C	
ASU 101-CLS: The ASU Experience	1		
Humanities, Arts and Design (HU)	3		
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	13-14		




Term 2 13 - 29 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 BIO 181: General Biology I (SQ) OR CHM 113: General Chemistry I (SQ) OR CHM 114: General Chemistry for Engineers (SQ) OR PHY 121: University Physics I: Mechanics (SQ) AND PHY 122: University Physics Laboratory I (SQ)	4	C	<ul style="list-style-type: none"> <li>Students will choose one of the following science course sequences to complete: BIO 181 and BIO 182 OR CHM 113 and CHM 116 OR CHM 114 and CHM 116 OR PHY 121/122 and PHY 131/132.</li> <li>Join a <b>student club</b> or <b>professional organization</b>.</li> </ul>
 ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
 MAT 266: Calculus for Engineers II (MA) OR MAT 271: Calculus with Analytic Geometry II (MA)	3-4	C	
Social-Behavioral Sciences (SB)	3		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16-17		


Term 3 29 - 45 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 BIO 182: General Biology II (SG) OR CHM 116: General Chemistry II (SQ) OR PHY 131: University Physics II: Electricity and Magnetism (SQ) AND PHY 132: University Physics Laboratory II (SQ)	4	C	<ul style="list-style-type: none"> <li>Students will choose one of the following science course sequences to complete: BIO 181 and BIO 182 OR CHM 113 and CHM 116 OR CHM 114 and CHM 116 OR PHY 121/122 and PHY 131/132.</li> <li>Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> </ul>
 MAT 267: Calculus for Engineers III (MA) OR MAT 272: Calculus with Analytic Geometry III (MA)	3-4	C	
Global Awareness (G)	3		
Humanities, Arts and Design (HU)	3		

Elective 3

Complete Mathematics (MA) requirement.



Term hours subtotal: 16-17

Term 4 45 - 60 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 243: Discrete Mathematical Structures	3	C	
 MAT 275: Modern Differential Equations (MA)	3	C	
Historical Awareness (H)	3		
Literacy and Critical Inquiry (L)	3		
Elective	3		
Term hours subtotal:	15		

Term 5 60 - 75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 343: Applied Linear Algebra	3	C	
 STP 420: Introductory Applied Statistics (CS)	3	C	
Upper Division STEM Elective	3	C	<ul style="list-style-type: none"> <li>• Upper Division STEM Electives should be selected in consultation with a College of Integrative Sciences and Arts <b>academic advisor</b>.</li> <li>• Connect with faculty to seek opportunities for <b>research</b>.</li> </ul>
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 <i>Complete 2 courses:</i>			<ul style="list-style-type: none"> <li>• Use Handshake to research <b>employment opportunities</b>.</li> <li>• Upper Division STEM Electives should be selected in consultation with a College of Integrative Sciences and Arts <b>academic advisor</b>.</li> </ul>
Upper Division Applied Mathematics Elective	6	C	
Upper Division STEM Elective	3	C	
<i>Complete 2 courses:</i>			
Elective	6		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 Upper Division Applied Mathematics Elective	3	C	<ul style="list-style-type: none"> <li>• Upper Division STEM Electives should be selected in consultation with a College of Integrative Sciences and Arts <b>academic advisor</b>.</li> <li>• Gather <b>professional references</b>.</li> <li>• Apply for <b>full-time career opportunities</b>.</li> </ul>
MAT 484: Internship OR Upper Division Elective	3		
MAT 495: Undergraduate Research OR MAT 4** Elective OR STP 4** Elective	3	C	
Upper Division STEM Elective	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 Upper Division Applied Mathematics Elective	3	C	
<i>Complete 2 courses:</i>			
Upper Division Elective	6		
<i>Complete 2 courses:</i>			
Elective	6		

Term hours subtotal: 15

- Upper Division STEM Electives should be selected in consultation with a College of Integrative Sciences and Arts advisor. Credit may not come from STP 420.
- Students must complete a minimum of 12 credit hours of MAT courses offered by the College of Integrative Sciences and Arts. Six of these 12 credits must be upper division.

Hide Course List(s)/Track Group(s)

Upper Division Applied Mathematics Electives	Upper Division STEM Electives
MAT 300: Mathematical Structures (L)	ABS Upper Division Elective
MAT 310: Introduction to Geometry	BIO Upper Division Elective
MAT 350: Techniques and Applications of Applied Mathematics	CHM Upper Division Elective
MAT 394: Special Topics	CSE Upper Division Elective
MAT 450: Mathematical Models in Biology	EGR Upper Division Elective
MAT 452: Introduction to Chaos and Nonlinear Dynamics	ERM Upper Division Elective
MAT 462: Applied Partial Differential Equations	GIT Upper Division Elective
MAT 494: Special Topics	HSE Upper Division Elective
MAT 499: Individualized Instruction	IFT Upper Division Elective
PHY 302: Mathematical Methods in Physics II	PHY Upper Division Elective
STP 421: Probability	SER Upper Division Elective
	STP Upper Division Elective

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.











## 2023 - 2024 Major Map

### Applied Physics, BS

School/College: College of Integrative Sciences and Arts

Location: Polytechnic

LSAPHYBS

Term 1 0 - 13 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 MAT 265: Calculus for Engineers I (MA)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>Select your <b>career interest communities</b> and play <b>me3@ASU</b>.</li> </ul>
ASU 101-CLS: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Humanities, Arts and Design (HU)	3		
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	13		
Term 2 13 - 28 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 MAT 266: Calculus for Engineers II (MA)	3	C	<ul style="list-style-type: none"> <li>Join a student club or professional organization.</li> </ul>
 PHY 121: University Physics I: Mechanics (SQ) AND PHY 122: University Physics Laboratory I (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Humanities, Arts and Design (HU)	3		
Elective	2		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		
Term 3 28 - 44 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 MAT 267: Calculus for Engineers III (MA)	3	C	<ul style="list-style-type: none"> <li>Secure a part-time job or volunteer experience.</li> </ul>
 PHY 131: University Physics II: Electricity and Magnetism (SQ) AND PHY 132: University Physics Laboratory II (SQ)	4	C	
Global Awareness (G)	3		
Social-Behavioral Sciences (SB)	3		
Elective	3		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		
Term 4 44 - 60 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes

🚩 PHY 201: Mathematical Methods in Physics I (CS)	3	C
🚩 PHY 252: Physics III (SQ)	4	C
Historical Awareness (H)	3	
Literacy and Critical Inquiry (L)	3	
Elective	3	
Term hours subtotal:	16	

Term 5 60 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PHY 302: Mathematical Methods in Physics II	3	C	<ul style="list-style-type: none"> <li>• Connect with faculty to seek opportunities for research.</li> </ul>
★ PHY 314: Quantum Physics I	3	C	
Upper Division Applied Physics Electives	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PHY 315: Quantum Physics II	3	C	<ul style="list-style-type: none"> <li>• Use Handshake to research employment opportunities.</li> </ul>
Upper Division Applied Physics Electives	3	C	
Complete 3 courses: Elective	9		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PHY 331: Principles of Modern Electromagnetism	3	C	<ul style="list-style-type: none"> <li>• Gather professional references.</li> <li>• Apply for full-time career opportunities.</li> </ul>
★ PHY 460: Numerical Methods in Modern Physics	3	C	
PHY 321: Vector Mechanics and Vibration	3	C	
Upper Division Applied Physics Electives	3	C	
Upper Division Elective	3		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PHY 444: Fundamentals of Nanoscience	3	C	
PHY 484: Internship OR Upper Division Elective	3		
PHY 499: Individualized Instruction	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Elective	3		
Term hours subtotal:	15		

Hide Course List(s)/Track Group(s)

Upper Division Applied Physics Electives  
(Complete 9 Credit Hours)

MAT 343: Applied Linear Algebra

PHY 333: Electronic Circuits and  
Measurements

PHY 361: Introductory Modern Physics

PHY 416: Quantum Physics III

PHY 456: Laser Optics

PHY 495: Project Research

STP 420: Introductory Applied Statistics (CS)

**Notes:**

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Students must complete a minimum of 12 credit hours of PHY courses offered by the College of Integrative Sciences and Arts. At least six of these 12 credits must be upper-division.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.











## 2023 - 2024 Major Map

### Applied Quantitative Science, BS

School/College: College of Integrative Sciences and Arts

Location: Polytechnic

LSAQSBS

Term 1 0 - 16 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 Mathematics (MA)	3		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students</li> <li>Select your <b>career interest communities</b> and play <b>me3@ASU</b></li> </ul>
ASU 101-CLS: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Social-Behavioral Sciences (SB)	3		
Complete 2 courses:			
Elective	6		
Term hours subtotal:	16		
Term 2 16 - 32 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 Computer/Statistics/Quantitative Applications (CS)	3		<ul style="list-style-type: none"> <li>Join a <b>student club</b> or professional organization.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Cultural Diversity in the U.S. (C)	3		
Humanities, Arts and Design (HU)	3		
Natural Science - Quantitative (SQ)	4		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		
Term 3 32 - 47 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 Statistics Course	3	C	<ul style="list-style-type: none"> <li>Secure a <b>part-time job</b> or volunteer experience.</li> <li>Statistics Requirement Course List Options.</li> </ul>
Global Awareness (G)	3		
Literacy and Critical Inquiry (L)	3		
Social-Behavioral Sciences (SB)	3		
Elective	3		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	15		
Term 4 47 - 63 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes

Technical/Professional Communication Course	3	C
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4	
Historical Awareness (H)	3	
Humanities, Arts and Design (HU)	3	
Elective	3	
Term hours subtotal:	16	

- Major Requirement Course List Options.

Term 5 63 - 78 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ Upper Division Statistics Course	3	C
Complete 2 courses:		
Upper Division Major Electives	6	C
Upper Division Literacy and Critical Inquiry (L)	3	
Upper Division Social-Behavioral Sciences (SB) OR Upper Division Humanities, Arts and Design (HU)	3	
Term hours subtotal:	15	

- Major Requirement Course List Options.
- Connect with faculty to seek opportunities for research.

Term 6 78 - 93 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ Computer Skills Course	3	C
★ Complete 2 courses:		
Upper Division Major Electives	6	C
Upper Division Elective	3	
Elective	3	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
Term hours subtotal:	15	

- Use Handshake to research employment opportunities.
- Major Requirement Course List Options

Term 7 93 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ Upper Division Major Electives	3	C
★ Research and Analysis Course	3	C
Complete 2 courses:		
Upper Division Elective	6	
Elective	3	
Term hours subtotal:	15	

- Gather professional references.
- Apply for full-time career opportunities.
- Major Requirement Course List Options.

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ Upper Division Capstone/Project Course	3	C
IDS 484: Internship OR Upper Division Elective	3	
Upper Division Major Electives	3	C
Upper Division Elective	3	
Term hours subtotal:	12	

- Major Requirement Course List Options.

- This degree is only available as a concurrent degree at the Downtown Phoenix, Polytechnic, Tempe and West campuses.

- Major Requirement Course list options can be found on the College of Integrative Sciences and Arts website: [cisa.asu.edu/applied-quantitative-sciences-degree-courses-list](https://cisa.asu.edu/applied-quantitative-sciences-degree-courses-list)

Hide Course List(s)/Track Group(s)

**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

## 2023 - 2024 Major Map

### Applied Science (Animal Biology), BAS

School/College: College of Integrative Sciences and Arts

Location: Polytechnic

LSANBIOBAS

Applicable Community College Prerequisites 0 - 60 Credit Hours	Hours	Minimum Grade	Notes
AAS Transfer Degree Block	60		<ul style="list-style-type: none"> <li>Students may meet lower division general studies requirements with the AAS degree.</li> <li>Students must complete all ASU general studies requirements in order to earn ASU BAS degree.</li> <li>Students should work with their academic advisor to run DARS graduation audit to determine needed general studies requirements.</li> </ul>
Term hours subtotal:	60		

Term 5 60 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ABS 370: Ecology	3	C	<ul style="list-style-type: none"> <li>Completion of BIO 181 and BIO 182 are required for enrollment in some upper division courses.</li> <li>Develop your <b>professional online presence</b>.</li> </ul>
ABS 350: Applied Statistics (CS)	3	C	
ABS 372: Captive Animal Behavior Management	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Any needed lower division General Studies requirement OR Elective	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ABS 355: Ecology and Adaptations of Vertebrates	3	C	<ul style="list-style-type: none"> <li>Use Handshake to research <b>employment opportunities</b>.</li> </ul>
ABS 302: Ethical and Policy Issues in Biology	3	C	
Upper Division Animal Biology Electives	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Any needed lower division General Studies requirement OR Elective	3		
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ BIO 340: General Genetics	4	C	<ul style="list-style-type: none"> <li>Gather <b>professional references</b>.</li> <li>Apply for <b>career opportunities</b>.</li> </ul>
ABS 417: Comparative Immunology	3	C	

Upper Division Animal Biology Electives	3	C
Upper Division Elective	3	
Any needed lower division General Studies requirement OR Elective	2	
Term hours subtotal:	15	

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ABS 378: Animal Nutrition	3	C	
ABS 312: Structure and Function	3	C	
ABS 484: Internship OR Upper Division Elective	3		
Upper Division Animal Biology Electives	3	C	
Any needed lower division General Studies requirement OR Elective	3		
Term hours subtotal:	15		

Hide Course List(s)/Track Group(s)

Upper Division Animal Biology Electives
ABS 318: Unseen Life on Earth
ABS 371: Small Animal Veterinary Topics
ABS 376: Wildlife Ecology
ABS 377: International Wildlife Conservation
ABS 394: Animal Anatomy
ABS 394: Introduction to Equine Science
ABS 470: Life History of Mammals
ABS 472: Applied Herpetology
ABS 473: Applied Ornithology
ABS 494: Emerging Infections & Epidemics
ABS 494: Organismal Adaptation to a Changing Climate
BIO 351: Developmental Biology
BIO 360: Animal Physiology

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 60 maximum

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

## 2023 - 2024 Major Map

### Applied Science (Applied Leadership), BAS

School/College: [College of Integrative Sciences and Arts](#)

Location: [Polytechnic](#), [Tempe](#), [ASU at Cochise](#), [ASU at Pima](#), [ASU at Pinal](#), [ASU at The Gila Valley](#), [ASU at Yavapai](#)

LSALSBAS

Applicable Community College Prerequisites 0 - 60 Credit Hours	Hours	Minimum Grade	Notes
AAS Degree Transfer Block	60		
Term hours subtotal:	60		<ul style="list-style-type: none"> <li>Students may meet lower division general studies requirements with the AAS degree.</li> <li>Students must complete all ASU general studies requirements in order to earn ASU BAS degree.</li> <li>Students should work with their academic advisor to run DARS graduation audit to determine needed general studies requirements.</li> </ul>

Term 5 60 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ OGL 300: Theory and Practice of Leadership	3	C	
★ OGL 345: Organizational Ethics (HU)	3	C	
★ PMG 240: Introduction to Project Management	3	C	
OGL 340: Special Topics	3	C	
OGL 340: Special Topics	3	C	
Term hours subtotal:	15		<ul style="list-style-type: none"> <li>Complete two courses of OGL 340 in this term.</li> </ul>

Term 6 75 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ OGL 350: Diversity and Organizations (L & C)	3	C	
OGL 340: Special Topics	3	C	
OGL 343: Social Processes in Organizations (SB) OR OGL 357: Assessment in Organizations	3	C	
Any needed lower division General Studies requirement OR Elective	3		
Upper Division Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		<ul style="list-style-type: none"> <li>Use Handshake to research employment opportunities.</li> </ul>

Term 7 90 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ OGL 355: Leading Organizational Innovation and Change	3	C	

OGL 340: Special Topics	3	C
OGL 340: Special Topics	3	C
OGL 365: Special Topics OR PMG 321: Project Leadership, Strategy and Scope	3	C
Any needed lower division General Studies requirement OR Elective	3	
Term hours subtotal:	15	

- Complete two courses of OGL 340 in this term.
- Gather professional references.
- Apply for full-time career opportunities.

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ OGL 481: Organizational Leadership Pro-Seminar I	3	C	
★ OGL 482: Organizational Leadership Pro-Seminar II (L)	3	C	
OGL 340: Special Topics	3	C	
Complete 2 courses:			
Any needed lower division General Studies requirement OR Elective	6		
Term hours subtotal:	15		

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 60 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map

### Applied Science (Applied Leadership), BAS

School/College: [College of Integrative Sciences and Arts](#)

Location: [Online ASU Local](#)

LSALSBAS

Applicable Community College Prerequisites 0 - 60 Credit Hours	Hours	Minimum Grade	Notes
AAS Degree Transfer Block	60		
Term hours subtotal:	60		<ul style="list-style-type: none"> <li>Students may meet lower division general studies requirements with the AAS degree.</li> <li>Students must complete all ASU general studies requirements in order to earn an ASU BAS degree.</li> <li>Students should work with their academic advisor to run a DARS graduation audit to determine needed general studies requirements.</li> </ul>

Term 5 - A 60 - 69 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ OGL 300: Theory and Practice of Leadership	3	C	
★ PMG 240: Introduction to Project Management	3	C	
OGL 340: Special Topics	3	C	
Term hours subtotal:	9		

Term 5 - B 69 - 78 Credit Hours	Hours	Minimum Grade	Notes
OGL 340: Special Topics	3	C	
OGL 343: Social Processes in Organizations (SB) OR OGL 357: Assessment in Organizations	3	C	
Any needed lower division General Studies requirement OR Elective	3		
Term hours subtotal:	9		

Term 6 - A 78 - 84 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ OGL 350: Diversity and Organizations (L & C)	3	C	
OGL 340: Special Topics	3	C	
Term hours subtotal:	6		

Term 6 - B 84 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ OGL 355: Leading Organizational Innovation and Change	3	C	
Any needed lower division General Studies requirement OR Elective	3		<ul style="list-style-type: none"> <li>Use Handshake to research employment opportunities.</li> </ul>

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 6

Term 7 - A 90 - 99 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ OGL 345: Organizational Ethics (HU)	3	C	
OGL 340: Special Topics	3	C	
Any needed lower division General Studies requirement OR Elective	3		
Term hours subtotal:	9		

Term 7 - B 99 - 108 Credit Hours	Hours	Minimum Grade	Notes
OGL 340: Special Topics	3	C	
Any needed lower division General Studies requirement OR Elective	3		
Upper Division Elective	3		
Term hours subtotal:	9		

- Gather professional references.
- Apply for full-time career opportunities.

Term 8 - A 108 - 114 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ OGL 481: Organizational Leadership Pro-Seminar I	3	C	
OGL 365: Special Topics OR PMG 321: Project Leadership, Strategy and Scope	3	C	
Term hours subtotal:	6		

Term 8 - B 114 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ OGL 482: Organizational Leadership Pro-Seminar II (L)	3	C	
OGL 340: Special Topics	3	C	
Term hours subtotal:	6		

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for Academic Recognition:** 56 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)

**Total Community College Hrs:** 60 maximum

- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

## 2023 - 2024 Major Map

### Applied Science (Project Management), BAS

School/College: College of Integrative Sciences and Arts

Location: Polytechnic, Tempe

LSAPSPMBAS

Applicable Community College Prerequisites 0 - 60 Credit Hours	Hours	Minimum Grade	Notes
AAS Degree Transfer Block	60		<ul style="list-style-type: none"> <li>• Students may meet lower-division general studies requirements with the AAS degree.</li> <li>• Students must complete all ASU general studies requirements in order to earn an ASU BAS degree.</li> <li>• Students should work with their academic advisor to run a DARs graduation audit to determine needed general studies requirements.</li> </ul>
Term hours subtotal:	60		

Term 5 60 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ OGL 300: Theory and Practice of Leadership	3	C	
★ OGL 345: Organizational Ethics (HU)	3	C	
OGL 340: Special Topics	3	C	
PMG 240: Introduction to Project Management	3	C	
Upper Division Elective	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ OGL 350: Diversity and Organizations (L & C)	3	C	<ul style="list-style-type: none"> <li>• Use Handshake to research employment opportunities.</li> </ul>
PMG 321: Project Leadership, Strategy and Scope	3	C	
PMG 322: Project Schedule Management	3	C	
PMG 323: Project Cost Management	3	C	
PMG 324: Resources in Project Management	3	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ OGL 340: Special Topics	3	C	<ul style="list-style-type: none"> <li>• Gather professional references.</li> <li>• Apply for full-time career opportunities.</li> </ul>
PMG 326: Project Procurement Management	3	C	

PMG 421: Project Risk Management	3	C
PMG 422: Project Quality Management	3	C
Any needed lower-division General Studies requirement OR Elective	3	
Term hours subtotal:	15	

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ OGL 481: Organizational Leadership Pro-Seminar I	3	C	
OGL 340: Special Topics	3	C	
Complete 3 courses:			
Any needed lower-division General Studies requirement OR Elective	9		
Term hours subtotal:	15		

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Students should consult with their academic advisor to ensure that all ASU General Studies requirements will be completed for graduation.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 60 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

## 2023 - 2024 Major Map

### Applied Science (Project Management), BAS

School/College: [College of Integrative Sciences and Arts](#)

Location: [Online ASU Local](#)

LSAPSPMBAS

Applicable Community College Prerequisites 0 - 60 Credit Hours	Hours	Minimum Grade	Notes
AAS Degree Transfer Block	60		<ul style="list-style-type: none"> <li>• Students may meet lower division general studies requirements with the AAS degree.</li> <li>• Students must complete all ASU general studies requirements in order to earn ASU BAS degree.</li> <li>• Students should work with their academic advisor to run DARS graduation audit to determine needed general studies requirements.</li> </ul>
Term hours subtotal:	60		
Term 5 - A 60 - 66 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ OGL 300: Theory and Practice of Leadership	3	C	
PMG 240: Introduction to Project Management	3	C	
Term hours subtotal:	6		
Term 5 - B 66 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ OGL 345: Organizational Ethics (HU)	3	C	
OGL 340: Special Topics	3	C	
Upper Division Elective	3		
Term hours subtotal:	9		
Term 6 - A 75 - 81 Credit Hours	Hours	Minimum Grade	Notes
PMG 321: Project Leadership, Strategy and Scope	3	C	
PMG 322: Project Schedule Management	3	C	
Term hours subtotal:	6		
Term 6 - B 81 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ OGL 350: Diversity and Organizations (L & C)	3	C	<ul style="list-style-type: none"> <li>• Use Handshake to research employment opportunities.</li> </ul>
PMG 323: Project Cost Management	3	C	
PMG 324: Resources in Project Management	3	C	

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 9

Term 7 - A 90 - 96 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ OGL 340: Special Topics	3	C	
PMG 326: Project Procurement Management	3	C	
Term hours subtotal:	6		

Term 7 - B 96 - 105 Credit Hours	Hours	Minimum Grade	Notes
PMG 421: Project Risk Management	3	C	<ul style="list-style-type: none"> <li>• Gather professional references.</li> <li>• Apply for full-time career opportunities.</li> </ul>
PMG 422: Project Quality Management	3	C	
Any needed lower division General Studies requirement OR Elective	3		
Term hours subtotal:	9		

Term 8 - A 105 - 111 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ OGL 481: Organizational Leadership Pro-Seminar I	3	C	
Any needed lower division General Studies requirement OR Elective	3		
Term hours subtotal:	6		

Term 8 - B 111 - 120 Credit Hours	Hours	Minimum Grade	Notes
OGL 340: Special Topics	3	C	
Complete 2 courses:	6		
Any needed lower division General Studies requirement OR Elective			
Term hours subtotal:	9		

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 60 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)

- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map

### Applied Science (Technical Communication), BAS

School/College: College of Integrative Sciences and Arts

Location: Polytechnic

LSTECBAS

Applicable Community College Prerequisites 0 - 60 Credit Hours	Hours	Minimum Grade	Notes
AAS Degree Transfer Block	60		
Term hours subtotal:	60		<ul style="list-style-type: none"> <li>• Students may meet lower division general studies requirements with the AAS degree.</li> <li>• Students must complete all ASU general studies requirements in order to earn ASU BAS degree.</li> <li>• Students should work with their academic advisor to run DARS graduation audit to determine needed general studies requirements.</li> </ul>

Term 5 60 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TWC 301: Fundamentals of Writing for Digital Media (L)	3	C	
★ TWC 347: Written Communication for Managers (L)	3	C	
★ TWC 401: Fundamentals of Technical Communication (L)	3	C	
MAT 142: College Mathematics (MA)	3		
Any needed lower division General Studies requirement OR Elective	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TWC 421: Principles of Web Authoring (L)	3	C	<ul style="list-style-type: none"> <li>• Use Handshake to research employment opportunities.</li> </ul>
★ TWC 431: Principles of Technical Editing	3	C	
ABS 350: Applied Statistics (CS) OR PAF 301: Applied Statistics (CS) OR SOC 390: Social Statistics I (CS)	3	C	
Upper Division Elective	3	C	
Any needed lower division General Studies requirement OR Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TWC 411: Principles of Visual Communication (L)	3	C	<ul style="list-style-type: none"> <li>• Gather professional references.</li> </ul>

TWC 413: Managing and Analyzing Data OR TWC 443: Grant & Proposal Writing OR TWC 444: User Experience OR TWC 445: Content Strategy OR TWC 446: Technical and Scientific Reports (L)	3	C
.....		
Complete 2 courses:	6	C
.....		
TWC Upper Division Elective		
.....		
Any needed lower division General Studies requirement OR Elective	3	
.....		
Term hours subtotal:	15	

- Apply for full-time career opportunities.

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TWC 490: Capstone	3	C	
.....			
TWC 451: Copyright and Intellectual Property in the Electronic Age OR TWC 452: Information in the Digital Age OR TWC 453: Information and Communications Technology in American History (L & H) OR TWC 454: Information Technology and Culture (C)	3	C	
.....			
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
.....			
Upper Division Elective	3	C	
.....			
Any needed lower division General Studies requirement OR Elective	3		
.....			
Term hours subtotal:	15		

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 60 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.




## 2023 - 2024 Major Map




### Communication, BA


School/College: College of Integrative Sciences and Arts

Location: Downtown Phoenix, Polytechnic

LSCOMBA

Term 1 0 - 16 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 COM 100: Introduction to Human Communication (SB)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students</li> <li>Select your <b>career interest communities</b> and play <b>me3@ASU</b>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR			
 ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
ASU 101-CLS: The ASU Experience	1		
Cultural Diversity in the U.S. (C)	3		
Humanities, Arts and Design (HU)	3		
Elective	3		
Maintain 2.00 GPA in Critical Tracking Courses.			
Term hours subtotal:	16		

Term 2 16 - 31 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 COM 207: Introduction to Communication Inquiry	3	C	<ul style="list-style-type: none"> <li>Join a <b>student club</b> or professional organization.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR			
 ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Language and Cultures: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV; * OR Completion of COM 263 AND COM 371.	3	C	
Mathematics (MA) ( MAT 142 recommended)	3		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s). Maintain 2.00 GPA in Critical Tracking Courses.			
Term hours subtotal:	15		

Term 3 31 - 47 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3	C	<ul style="list-style-type: none"> <li>Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> </ul>
Computer/Statistics/Quantitative Applications (CS)	3		
Humanities, Arts and Design (HU)	3		
Natural Science - Quantitative (SQ)	4		

Elective 3

❗ Complete Mathematics (MA) requirement.

Maintain 2.00 GPA in Critical Tracking Courses.

Term hours subtotal: 16

Term 4 47 - 63 Credit Hours Critical course signified by ❗	Hours	Minimum Grade	Notes
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❗ COM 225: Public Speaking (L)	3	C	
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Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
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Social-Behavioral Sciences (SB)	3		
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Complete 2 courses: Elective	6		
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Maintain 2.00 GPA in Critical Tracking Courses.

Term hours subtotal: 16

Term 5 63 - 78 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ COM 308: Advanced Research Methods in Communication (L)	3	C	
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COM 420: Rhetoric and Community Advocacy OR COM 428: Graphic Novels and Popular Culture (HU) OR COM 464: Communicative Sexualities (SB) OR COM 467: Digital Rhetoric	3	C	
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Upper Division Related Area Course	3	C	
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Language and Cultures: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV; * OR Completion of COM 263 AND COM 371.	3	C	
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Upper Division Social-Behavioral Sciences (SB) OR Upper Division Humanities, Arts and Design (HU)	3		
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Term hours subtotal: 15

Term 6 78 - 93 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ Upper Division Communication Track	3	C	
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COM 420: Rhetoric and Community Advocacy OR COM 428: Graphic Novels and Popular Culture (HU) OR COM 464: Communicative Sexualities (SB) OR COM 467: Digital Rhetoric	3	C	
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COM Upper Division Elective	3	C	
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Global Awareness (G)	3		
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Upper Division Elective	3		
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★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
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Term hours subtotal: 15

Term 7 93 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ Upper Division Communication Track	3	C	
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COM 484: Internship OR Upper Division Elective	3		
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COM Upper Division Elective	3	C	
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Historical Awareness (H)	3		
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Upper Division Elective	3		
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- Students select one of four Communication Tracks and complete 9 hours from within that track.
- Use Handshake to research employment opportunities.

- Gather professional references.
- Apply for full-time career opportunities.

Term hours subtotal: 15

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Communication Track	3	C	
COM 484: Internship OR Upper Division Elective	3		
COM Upper Division Elective	3	C	
Elective	3		
Term hours subtotal:	12		

- Students select one of four Communication Tracks and complete 9 hours from within that track.

Hide Course List(s)/Track Group(s)

Integrative Culture and Communication in Professions	Integrative Community Advocacy	Integrative Communication Across Hispanic Communities
COM 316: Gender and Communication (SB & C)	COM 312: Communication, Conflict, and Negotiation	COM 363: Latinxs and the Media (C)
COM 323: Communication Approaches to Popular Culture (C)	COM 316: Gender and Communication (SB & C)	COM 364: Cultural Communicology (SB)
COM 363: Latinxs and the Media (C)	COM 319: Persuasion and Social Influence (SB)	COM 371: Language, Culture, and Communication (SB & C & G)
COM 364: Cultural Communicology (SB)	COM 320: Communication and Consumerism (SB)	COM 420: Rhetoric and Community Advocacy
COM 371: Language, Culture, and Communication (SB & C & G)	COM 321: Rhetorical Theory and Research ((L or HU) & H)	COM 463: Intercultural Communication in a Global Context (SB & G)
COM 420: Rhetoric and Community Advocacy	COM 323: Communication Approaches to Popular Culture (C)	COM 464: Communicative Sexualities (SB)
COM 428: Graphic Novels and Popular Culture (HU)	COM 326: Court Room Oratory	COM 484: Internship or SPA 484: Internship
COM 463: Intercultural Communication in a Global Context (SB & G)	COM 420: Rhetoric and Community Advocacy	SPA 401: Spanish Oral Communication for the Professions
COM 464: Communicative Sexualities (SB)	COM 421: Rhetoric of Social Issues (HU)	SPA 404: Spanish in U. S. Professional Communities ((L or HU) & C)
COM 484: Internship	COM 422: Advanced Argumentation (L)	SPA 405: Latino Cultural Perspectives for the Professions ((L or HU) & C & G)
	COM 426: Political Communication (SB)	
	COM 428: Graphic Novels and Popular Culture (HU)	
	COM 467: Digital Rhetoric	
	COM 484: Internship	
Integrative Communication and Technology in Society	Related Area Courses	
COM 319: Persuasion and Social Influence (SB)	ENG 317: Cross-Cultural Writing ((L or HU) & G)	
COM 320: Communication and Consumerism (SB)	HST 314: American Cultural History Since 1865 ((HU or SB) & H)	

COM 323: Communication Approaches to Popular Culture (C)	JUS 432: Racial Justice (L)
COM 394: Communication in the Electronic Age	MCO 418: History of Mass Communication (SB & H)
COM 420: Rhetoric and Community Advocacy	MCO 450: Visual Communication (HU)
COM 421: Rhetoric of Social Issues (HU)	MCO 456: Political Communication (SB)
COM 422: Advanced Argumentation (L)	MCO 460: Race, Gender, and Media (C)
COM 428: Graphic Novels and Popular Culture (HU)	PHI 306: Applied Ethics (HU)
COM 467: Digital Rhetoric	POS 346: Problems of Democracy (HU)
COM 484: Internship	POS 350: Comparative Politics (SB & G)
	POS 435: Women and Politics (SB & C)
	POS 442: American Political Thought (HU)
	STS 330: Information Technology and Globalization (SB & G)
	STS 425: Law, Values, Science, and Technology (SB)
	TWC 301: Fundamentals of Writing for Digital Media (L)
	TWC 411: Principles of Visual Communication (L)
	TWC 452: Information in the Digital Age
	TWC 453: Information and Communications Technology in American History (L & H)
	WST 375: Women and Social Change (SB & C)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Students must complete a minimum of 12 upper division credit hours of COM courses offered by the College of Integrative Sciences and Arts.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)

- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.













## 2023 - 2024 Major Map



### Counseling and Applied Psychological Science, BS



School/College: [College of Integrative Sciences and Arts](#)




Location: [Polytechnic](#)




LSCAPSBS



Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CAP 120: Introduction to Counseling (SB)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students</li> <li>Select your <b>career interest communities</b> and play <b>me3@ASU</b>.</li> </ul>
 MAT 119: Finite Mathematics (MA) OR MAT 170: Precalculus (MA)	3	C	
 PSY 101: Introduction to Psychology (SB)	3	C	
ASU 101-CLS: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Elective	3		
Term hours subtotal:	16		
Term 2 16 - 31 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CAP 240: Counseling Skills	3	C	<ul style="list-style-type: none"> <li>Join a <b>student club</b> or professional organization.</li> </ul>
 PSY 230: Introduction to Statistics (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Humanities, Arts and Design (HU)	3		
Elective	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		
Term 3 31 - 47 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CAP 220: Self in a Multicultural Society (C)	3	C	<ul style="list-style-type: none"> <li>Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> </ul>
PSY 290: Research Methods (L or SG)	4	C	
Historical Awareness (H)	3		
Social-Behavioral Sciences (SB)	3		
Elective	3		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		
		<b>Minimum</b>	

Term 4 47 - 63 Credit Hours <b>Critical course signified by</b> 	Hours	Grade	Notes
 ABS OR BIO OR MIC course (SQ)	4		
Global Awareness (G)	3		
Humanities, Arts and Design (HU)	3		
Complete 2 courses:			
Elective	6		
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 CAP 310: Addictions I: Foundations and Basic Principles	3	C	
CED 250: Career Development (L)	3	C	
PSY 366: Psychological Disorders (SB)	3	C	
Upper Division Counseling and Applied Psychological Sciences A Course	3	C	
Upper Division Counseling and Applied Psychological Sciences B Course	3	C	
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 CAP 320: Theories of Counseling and Psychotherapy	3	C	<ul style="list-style-type: none"> <li>• Use Handshake to research <b>employment opportunities</b>.</li> </ul>
Upper Division Counseling and Applied Psychological Sciences A Course	3	C	
Upper Division Counseling and Applied Psychological Sciences B Course	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Upper Division Elective	3		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 Upper Division Counseling and Applied Psychological Sciences A Course	3	C	<ul style="list-style-type: none"> <li>• Gather <b>professional references</b>.</li> <li>• Apply for <b>full-time career opportunities</b>.</li> </ul>
 Upper Division Counseling and Applied Psychological Sciences B Course	3	C	
Upper Division Elective	3		
Complete 2 courses:			
Elective	6		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 CAP 484: Internship	3	C	
Upper Division Counseling and Applied Psychological Sciences A Course	3	C	
Upper Division Counseling and Applied Psychological Sciences B Course	3	C	
Elective	3		

Term hours subtotal: 12

Hide Course List(s)/Track Group(s)

Counseling and Applied Psychological Sciences A Courses	Counseling and Applied Psychological Sciences B Courses
CAP 315: Trauma and Crisis Intervention	CDE 414: The School-Aged Child: Development in the Elementary Years
CAP 325: Professional Practice and Ethics in Counseling	FAS 331: Modern Family Relationships (SB)
CAP 330: Group Counseling	FAS 370: Family Ethnic and Cultural Diversity (SB & C)
CAP 335: Addiction Group Counseling	JUS 305: Principles of Justice Studies (SB)
CAP 340: Multicultural Counseling Theory and Practice	PSY 304: Effective Thinking (L)
CAP 342: Community Outreach, Prevention and Intervention	PSY 315: Personality Theory and Research (SB)
CAP 351: Issues in Assessment, Diagnosis and Treatment	PSY 320: Learning and Motivation
CAP 400: Advanced Counseling Research Methods	PSY 323: Sensation and Perception
CAP 420: School Counseling	PSY 324: Memory and Cognition
CAP 440: Addictions II: Treatment, Recovery and Relapse Prevention	PSY 325: Physiological Psychology
CAP 494: Combat Trauma	PSY 330: Statistical Methods (CS)
CAP 494: Counseling Military Veterans	PSY 341: Developmental Psychology (SB)
	PSY 350: Social Psychology (SB)
	PSY 369: Biology of Human Sexuality
	PSY 370: Interpersonal Relationships (SB)
	PSY 385: Psychology of Gender (SB)
	PSY 399: Supervised Research
	PSY 425: Biological Bases of Behavior (L)
	PSY 444: Adolescent Psychology and Psychopathology
	PSY 447: Psychology of Aging (SB)
	PSY 465: Psychology of Stress and Coping
	PSY 470: Psychopharmacology
	PSY 472: Clinical Psychology
	PSY 499: Individualized Instruction
	SOC 315: Sociology of Dating, Relationships and Marriage (SB)

Notes:

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- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.













## 2023 - 2024 Major Map

### Counseling and Applied Psychological Science, BS

School/College: [College of Integrative Sciences and Arts](#)



Location: [Online ASU Local](#)

LSCAPSBS



Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CAP 120: Introduction to Counseling (SB)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> </ul>
ASU 101-ONL: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Term hours subtotal:	7		
Term 1 - B 7 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 119: Finite Mathematics (MA) OR MAT 170: Precalculus (MA)	3	C	<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> <li>Select your <a href="#">career interest communities</a> and play <a href="#">me3@ASU</a>.</li> </ul>
 PSY 101: Introduction to Psychology (SB)	3	C	
Elective	3		
Term hours subtotal:	9		
Term 2 - A 16 - 25 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CAP 240: Counseling Skills	3	C	<ul style="list-style-type: none"> <li>Join a <a href="#">student club</a> or professional organization.</li> </ul>
 PSY 230: Introduction to Statistics (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Term hours subtotal:	9		
Term 2 - B 25 - 31 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
Humanities, Arts and Design (HU)	3		
Elective	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	6		
Term 3 - A 31 - 41 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CAP 220: Self in a Multicultural Society (C)	3	C	<ul style="list-style-type: none"> <li>Secure a <a href="#">part-time job</a> or <a href="#">volunteer</a> experience.</li> </ul>
PSY 290: Research Methods (L or SG)	4	C	

Historical Awareness (H)	3
Term hours subtotal:	10

Term 3 - B 41 - 47 Credit Hours	Hours	Minimum Grade	Notes
Social-Behavioral Sciences (SB)	3		
Elective	3		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	6		

Term 4 - A 47 - 54 Credit Hours  Critical course signified by	Hours	Minimum Grade	Notes
 ABS OR BIO OR MIC course (SQ)	4		
Elective	3		
Term hours subtotal:	7		

Term 4 - B 54 - 63 Credit Hours	Hours	Minimum Grade	Notes
Global Awareness (G)	3		
Humanities, Arts and Design (HU)	3		
Elective	3		
Term hours subtotal:	9		

Term 5 - A 63 - 72 Credit Hours  Necessary course signified by	Hours	Minimum Grade	Notes
 CAP 310: Addictions I: Foundations and Basic Principles	3	C	
Upper Division Counseling and Applied Psychological Sciences B Course	3	C	
Elective	3		
Term hours subtotal:	9		

Term 5 - B 72 - 81 Credit Hours	Hours	Minimum Grade	Notes
CED 250: Career Development (L)	3	C	
PSY 366: Psychological Disorders (SB)	3	C	
Upper Division Counseling and Applied Psychological Sciences A Course	3	C	
Term hours subtotal:	9		

Term 6 - A 81 - 90 Credit Hours	Hours	Minimum Grade	Notes
CAP 320: Theories of Counseling and Psychotherapy	3	C	
Upper Division Counseling and Applied Psychological Sciences A Course	3	C	
Upper Division Elective	3		
Term hours subtotal:	9		

• Use [Handshake](#) to research employment opportunities.

Term 6 - B 90 - 96 Credit Hours  Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Counseling and Applied Psychological Sciences B Course	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 6

Term 7 - A 96 - 102 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ Upper Division Counseling and Applied Psychological Sciences A Course	3	C	
Elective	3		
Term hours subtotal:	6		

Term 7 - B 102 - 108 Credit Hours	Hours	Minimum Grade	Notes
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Upper Division Counseling and Applied Psychological Sciences B Course	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		

Term 8 - A 108 - 114 Credit Hours	Hours	Minimum Grade	Notes
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CAP 484: Internship	3	C	
Upper Division Counseling and Applied Psychological Sciences A Course	3	C	
Term hours subtotal:	6		

Term 8 - B 114 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ Upper Division Counseling and Applied Psychological Sciences B Course	3	C	
Elective	3		
Term hours subtotal:	6		

Hide Course List(s)/Track Group(s)

Counseling and Applied Psychological Sciences A Courses	Counseling and Applied Psychological Sciences B Courses
CAP 315: Trauma and Crisis Intervention	CDE 414: The School-Aged Child: Development in the Elementary Years
CAP 325: Professional Practice and Ethics in Counseling	FAS 331: Modern Family Relationships (SB)
CAP 330: Group Counseling	FAS 370: Family Ethnic and Cultural Diversity (SB & C)
CAP 335: Addiction Group Counseling	JUS 305: Principles of Justice Studies (SB)
CAP 340: Multicultural Counseling Theory and Practice	PSY 304: Effective Thinking (L)
CAP 342: Community Outreach, Prevention and Intervention	PSY 315: Personality Theory and Research (SB)
CAP 351: Issues in Assessment, Diagnosis and Treatment	PSY 320: Learning and Motivation
CAP 400: Advanced Counseling Research Methods	PSY 323: Sensation and Perception
	PSY 324: Memory and Cognition

CAP 420: School Counseling	PSY 330: Statistical Methods (CS)
CAP 440: Addictions II: Treatment, Recovery and Relapse Prevention	PSY 341: Developmental Psychology (SB)
CAP 494: Combat Trauma	PSY 350: Social Psychology (SB)
CAP 494: Counseling Military Veterans	PSY 385: Psychology of Gender (SB)
	PSY 399: Supervised Research
	PSY 499: Individualized Instruction
	SOC 315: Sociology of Dating, Relationships and Marriage (SB)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.













## 2023 - 2024 Major Map



### Counseling and Applied Psychological Science (Sports and Performance Counseling), BS

School/College: [College of Integrative Sciences and Arts](#)


Location: [Polytechnic](#)



LSCAPSSPBS



Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CAP 120: Introduction to Counseling (SB)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students</li> <li>Select your <b>career interest communities</b> and play <b>me3@ASU</b>.</li> </ul>
 MAT 119: Finite Mathematics (MA) OR MAT 170: Precalculus (MA)	3	C	
 PSY 101: Introduction to Psychology (SB)	3	C	
ASU 101-CLS: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Elective	3		
Term hours subtotal:	16		
Term 2 16 - 31 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CAP 220: Self in a Multicultural Society (C)	3	C	<ul style="list-style-type: none"> <li>Join a <b>student club</b> or professional organization.</li> </ul>
 PSY 230: Introduction to Statistics (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Humanities, Arts and Design (HU)	3		
Elective	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		
Term 3 31 - 47 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CAP 240: Counseling Skills	3	C	<ul style="list-style-type: none"> <li>Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> </ul>
CAP 121: Introduction to Sport, Exercise and Performance Psychology	3	C	
PSY 290: Research Methods (L or SG)	4	C	
Humanities, Arts and Design (HU)	3		
Elective	3		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		

Term 4 47 - 63 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 BIO 181: General Biology I (SQ)	4	C	
CAP 222: Mental Performance	3	C	
CED 250: Career Development (L)	3	C	
Global Awareness (G)	3		
Elective	3		
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 CAP 310: Addictions I: Foundations and Basic Principles	3	C	
CAP 325: Professional Practice and Ethics in Counseling	3	C	
CAP 345: Social Issues in Counseling and Psychology	3	C	
PSY 366: Psychological Disorders (SB)	3	C	
Historical Awareness (H)	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 CAP 320: Theories of Counseling and Psychotherapy	3	C	<ul style="list-style-type: none"> <li>• Use Handshake to research <b>employment opportunities</b>.</li> </ul>
CAP 340: Multicultural Counseling Theory and Practice	3		
Upper Division Literacy and Critical Inquiry (L)	3		
Complete 2 courses: Upper Division Elective	6		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 105 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 CAP 323: Psychology of Coaching	3	C	<ul style="list-style-type: none"> <li>• Gather <b>professional references</b>.</li> <li>• Apply for <b>full-time career opportunities</b>.</li> </ul>
Complete 2 courses: Upper Division Elective	6		
Elective	3		
Term hours subtotal:	12		

Term 8 105 - 120 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 CAP 484: Internship	3	C	<ul style="list-style-type: none"> <li>• Choose Counseling and Applied Psychological Sciences Courses from the list at the bottom of the major map.</li> </ul>
Complete 2 courses: Upper Division Counseling and Applied Psychological Sciences Course	6	C	
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

Hide Course List(s)/Track Group(s)

Counseling and Applied Psychological  
Sciences Courses

CAP 315: Trauma and Crisis Intervention

CAP 330: Group Counseling

CAP 342: Community Outreach, Prevention  
and Intervention

CAP 400: Advanced Counseling Research  
Methods

CAP 420: School Counseling

CAP 494: Combat Trauma

CAP 494: Counseling Military Veterans

COM 394: Soccer: The Global Game

COM 494: Fans, Ultras, & Hooligans: Global  
Appeal of Soccer

COM 494: Sports Films & Documentaries

FAS 331: Modern Family Relationships (SB)

FAS 370: Family Ethnic and Cultural  
Diversity (SB & C)

HON 394: Soccer, Politics, and Identity

JUS 305: Principles of Justice Studies (SB)

NEW 300: International Cities Barcelona

PSY 304: Effective Thinking (L)

PSY 315: Personality Theory and Research  
(SB)

PSY 320: Learning and Motivation

PSY 323: Sensation and Perception

PSY 324: Memory and Cognition

PSY 325: Physiological Psychology

PSY 330: Statistical Methods (CS)

PSY 341: Developmental Psychology (SB)

PSY 369: Biology of Human Sexuality

PSY 370: Interpersonal Relationships (SB)

PSY 385: Psychology of Gender (SB)

PSY 399: Supervised Research

PSY 425: Biological Bases of Behavior (L)

PSY 444: Adolescent Psychology and  
Psychopathology

PSY 447: Psychology of Aging (SB)

PSY 465: Psychology of Stress and Coping

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PSY 472: Clinical Psychology

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PSY 499: Individualized Instruction

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SOC 315: Sociology of Dating, Relationships  
and Marriage (SB)

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**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.













## 2023 - 2024 Major Map

### Counseling and Applied Psychological Science (Sports and Performance Counseling), BS

School/College: [College of Integrative Sciences and Arts](#)

Location: [Online ASU Local](#)

LSCAPSSPBS

Term 1 - A 0 - 7 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 CAP 120: Introduction to Counseling (SB)	3	C	<ul style="list-style-type: none"> <li>• Completion of ASU 10 or ASU 11 or ASU 42 is highly recommended prior to beginning your first session of classes at ASU.</li> <li>• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>• Select your <a href="#">career interest communities</a> and play <a href="#">me3@ASU</a>.</li> </ul>
ASU 101-CLS: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Term hours subtotal:	7		
Term 1 - B 7 - 13 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 MAT 119: Finite Mathematics (MA) OR MAT 170: Precalculus (MA)	3	C	<ul style="list-style-type: none"> <li>• View ASU Online first-year student registration information <a href="#">here</a>.</li> </ul>
 PSY 101: Introduction to Psychology (SB)	3	C	
Term hours subtotal:	6		
Term 2 - A 13 - 19 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 CAP 220: Self in a Multicultural Society (C)	3	C	
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Term hours subtotal:	6		
Term 2 - B 19 - 25 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 PSY 230: Introduction to Statistics (CS)	3	C	
Elective	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	6		
Term 3 - A 25 - 34 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 CAP 240: Counseling Skills	3	C	
CAP 121: Introduction to Sport, Exercise and Performance Psychology (SB)	3	C	

Humanities, Arts and Design (HU) 3

Term hours subtotal: 9

Term 3 - B 34 - 41 Credit Hours	Hours	Minimum Grade	Notes
PSY 290: Research Methods (L or SG)	4	C	• Secure a part-time job or volunteer experience.
Elective	3		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	7		

Term 4 - A 41 - 48 Credit Hours <b>Critical course signified by</b> 🚩	Hours	Minimum Grade	Notes
🚩 BIO 181: General Biology I (SQ)	4	C	
CED 250: Career Development (L)	3	C	
Term hours subtotal:	7		

Term 4 - B 48 - 57 Credit Hours	Hours	Minimum Grade	Notes
CAP 222: Mental Performance	3	C	
Global Awareness (G)	3		
Elective	3		
Term hours subtotal:	9		

Term 5 - A 57 - 66 Credit Hours <b>Necessary course signified by</b> ⭐	Hours	Minimum Grade	Notes
⭐ CAP 310: Addictions I: Foundations and Basic Principles	3	C	
CAP 325: Professional Practice and Ethics in Counseling	3	C	
Historical Awareness (H)	3		
Term hours subtotal:	9		

Term 5 - B 66 - 75 Credit Hours	Hours	Minimum Grade	Notes
CAP 345: Social Issues in Counseling and Psychology	3	C	
PSY 366: Psychological Disorders (SB)	3	C	
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	9		

Term 6 - A 75 - 84 Credit Hours <b>Necessary course signified by</b> ⭐	Hours	Minimum Grade	Notes
⭐ CAP 320: Theories of Counseling and Psychotherapy	3	C	
CAP 340: Multicultural Counseling Theory and Practice	3		
Upper Division Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	9		

Term 6 - B 84 - 93 Credit Hours <b>Necessary course signified by</b> ⭐	Hours	Minimum Grade	Notes
Complete 2 courses:			
Upper Division Elective	6		
Elective	3		
⭐ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	9		

Term 7 - A 93 - 99 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
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★ CAP 323: Psychology of Coaching	3	C	
Elective	3		
Term hours subtotal:	6		

Term 7 - B 99 - 105 Credit Hours	Hours	Minimum Grade	Notes
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Complete 2 courses: Upper Division Elective	6		<ul style="list-style-type: none"> <li>Use Handshake to research <b>employment opportunities</b>.</li> </ul>
Term hours subtotal:	6		

Term 8 - A 105 - 114 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
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★ CAP 484: Internship	3	C	
Complete 2 courses: Elective	6		
Term hours subtotal:	9		

Term 8 - B 114 - 120 Credit Hours	Hours	Minimum Grade	Notes
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Complete 2 courses: Upper Division Counseling and Applied Psychological Sciences Courses	6	C	<ul style="list-style-type: none"> <li>Gather <b>professional references</b>.</li> <li>Apply for <b>full-time career opportunities</b>.</li> </ul>
Term hours subtotal:	6		

Hide Course List(s)/Track Group(s)

Counseling and Applied Psychological Sciences Courses
CAP 315: Trauma and Crisis Intervention
CAP 330: Group Counseling
CAP 342: Community Outreach, Prevention and Intervention
CAP 400: Advanced Counseling Research Methods
CAP 420: School Counseling
CAP 494: Combat Trauma
CAP 494: Counseling Military Veterans
COM 494: Fans, Ultras, & Hooligans: Global Appeal of Soccer
COM 494: Sports Films & Documentaries
FAS 331: Modern Family Relationships (SB)
FAS 370: Family Ethnic and Cultural Diversity (SB & C)
HON 394: Soccer, Politics, and Identity

JUS 305: Principles of Justice Studies (SB)

NEW 300: International Cities Barcelona

PSY 304: Effective Thinking (L)

PSY 315: Personality Theory and Research (SB)

PSY 320: Learning and Motivation

PSY 323: Sensation and Perception

PSY 324: Memory and Cognition

PSY 325: Physiological Psychology

PSY 330: Statistical Methods (CS)

PSY 341: Developmental Psychology (SB)

PSY 369: Biology of Human Sexuality

PSY 370: Interpersonal Relationships (SB)

PSY 385: Psychology of Gender (SB)

PSY 399: Supervised Research

PSY 425: Biological Bases of Behavior (L)

PSY 444: Adolescent Psychology and Psychopathology

PSY 447: Psychology of Aging (SB)

PSY 472: Clinical Psychology

PSY 499: Individualized Instruction

SOC 315: Sociology of Dating, Relationships and Marriage (SB)

**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)



General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.











## 2023 - 2024 Major Map



### Counseling and Applied Psychological Science (Substance Abuse and Addictions), **BS**

School/College: College of Integrative Sciences and Arts

Location: Polytechnic


LSCAPSAABS



Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CAP 120: Introduction to Counseling (SB)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students</li> <li>Select your <b>career interest communities</b> and play <b>me3@ASU</b>.</li> </ul>
 MAT 119: Finite Mathematics (MA) OR MAT 170: Precalculus (MA)	3	C	
 PSY 101: Introduction to Psychology (SB)	3	C	
ASU 101-CLS: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Elective	3		
Term hours subtotal:	16		
Term 2 16 - 31 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CAP 220: Self in a Multicultural Society (C)	3	C	<ul style="list-style-type: none"> <li>Join a <b>student club</b> or professional organization.</li> </ul>
 PSY 230: Introduction to Statistics (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Humanities, Arts and Design (HU)	3		
Social-Behavioral Sciences (SB)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		
Term 3 31 - 47 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CAP 240: Counseling Skills	3	C	<ul style="list-style-type: none"> <li>Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> </ul>
PSY 290: Research Methods (L or SG)	4	C	
Historical Awareness (H)	3		
Humanities, Arts and Design (HU)	3		
Elective	3		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		
		<b>Minimum</b>	

Term 4 47 - 60 Credit Hours Critical course signified by 	Hours	Grade	Notes
 BIO 181: General Biology I (SQ)	4	C	
Global Awareness (G)	3		
Complete 2 courses:			
Elective	6		
Term hours subtotal:	13		

Term 5 60 - 75 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
 CAP 310: Addictions I: Foundations and Basic Principles	3	C	
CAP 325: Professional Practice and Ethics in Counseling	3	C	
CAP 340: Multicultural Counseling Theory and Practice	3		
CED 250: Career Development (L)	3	C	
PSY 366: Psychological Disorders (SB)	3	C	
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
 CAP 320: Theories of Counseling and Psychotherapy	3	C	<ul style="list-style-type: none"> <li>• Use Handshake to research employment opportunities.</li> </ul>
CAP 335: Addiction Group Counseling	3	C	
CAP 351: Issues in Assessment, Diagnosis and Treatment	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Upper Division Elective	3		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
 PSY 470: Psychopharmacology	3	C	<ul style="list-style-type: none"> <li>• Gather professional references.</li> <li>• Apply for full-time career opportunities.</li> </ul>
CAP 440: Addictions II: Treatment, Recovery and Relapse Prevention	3	C	
Upper Division Elective	3		
Complete 2 courses:			
Elective	6		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
 CAP 484: Internship	3	C	
Complete 2 courses:			
Upper Division Counseling and Applied Psychological Sciences Courses	6	C	
Complete 2 courses:			
Elective	6		
Term hours subtotal:	15		

Hide Course List(s)/Track Group(s)

Counseling and Applied Psychological  
Sciences Courses

CAP 315: Trauma and Crisis Intervention

CAP 330: Group Counseling

CAP 342: Community Outreach, Prevention  
and Intervention

CAP 400: Advanced Counseling Research  
Methods

CAP 420: School Counseling

CAP 494: Combat Trauma

CAP 494: Counseling Military Veterans

FAS 331: Modern Family Relationships (SB)

FAS 370: Family Ethnic and Cultural  
Diversity (SB & C)

JUS 305: Principles of Justice Studies (SB)

PSY 304: Effective Thinking (L)

PSY 315: Personality Theory and Research  
(SB)

PSY 320: Learning and Motivation

PSY 323: Sensation and Perception

PSY 324: Memory and Cognition

PSY 325: Physiological Psychology

PSY 330: Statistical Methods (CS)

PSY 341: Developmental Psychology (SB)

PSY 350: Social Psychology (SB)

PSY 369: Biology of Human Sexuality

PSY 370: Interpersonal Relationships (SB)

PSY 385: Psychology of Gender (SB)

PSY 399: Supervised Research

PSY 425: Biological Bases of Behavior (L)

PSY 444: Adolescent Psychology and  
Psychopathology

PSY 447: Psychology of Aging (SB)

PSY 465: Psychology of Stress and Coping

PSY 472: Clinical Psychology

PSY 499: Individualized Instruction

SOC 315: Sociology of Dating, Relationships  
and Marriage (SB)

**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.













## 2023 - 2024 Major Map

### Counseling and Applied Psychological Science (Substance Abuse and Addictions), BS

School/College: [College of Integrative Sciences and Arts](#)

Location: [Online ASU Local](#)



LSCAPSAABS

Term 1 - A 0 - 7 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 CAP 120: Introduction to Counseling (SB)	3	C	<ul style="list-style-type: none"> <li>• Completion of ASU 10 or ASU 11 or ASU 42 is highly recommended prior to beginning your first session of classes at ASU.</li> <li>• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>• Select your <a href="#">career interest communities</a> and play <a href="#">me3@ASU</a>.</li> </ul>
ASU 101-CLS: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Term hours subtotal:	7		
Term 1 - B 7 - 13 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 MAT 119: Finite Mathematics (MA) OR MAT 170: Precalculus (MA)	3	C	<ul style="list-style-type: none"> <li>• View ASU Online first-year student registration information <a href="#">here</a>.</li> </ul>
 PSY 101: Introduction to Psychology (SB)	3	C	
Term hours subtotal:	6		
Term 2 - A 13 - 19 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 CAP 220: Self in a Multicultural Society (C)	3	C	
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Term hours subtotal:	6		
Term 2 - B 19 - 25 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 PSY 230: Introduction to Statistics (CS)	3	C	
Elective	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	6		
Term 3 - A 25 - 31 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 CAP 240: Counseling Skills	3	C	
Elective	3		

Term hours subtotal: 6

Term 3 - B 31 - 38 Credit Hours	Hours	Minimum Grade	Notes
PSY 290: Research Methods (L or SG)	4	C	• Secure a part-time job or volunteer experience.
Humanities, Arts and Design (HU)	3		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	7		

Term 4 - A 38 - 45 Credit Hours	Hours	Minimum Grade	Notes
BIO 181: General Biology I (SQ)	4	C	
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	7		

Term 4 - B 45 - 51 Credit Hours  Critical course signified by	Hours	Minimum Grade	Notes
 CED 250: Career Development (L)	3	C	
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	6		

Term 5 - A 51 - 57 Credit Hours  Necessary course signified by	Hours	Minimum Grade	Notes
 CAP 310: Addictions I: Foundations and Basic Principles	3	C	
Global Awareness (G)	3		
Term hours subtotal:	6		

Term 5 - B 57 - 63 Credit Hours	Hours	Minimum Grade	Notes
CAP 325: Professional Practice and Ethics in Counseling	3	C	
Historical Awareness (H)	3		
Term hours subtotal:	6		

Term 6 - A 63 - 69 Credit Hours	Hours	Minimum Grade	Notes
CAP 340: Multicultural Counseling Theory and Practice	3		
Elective	3		
Term hours subtotal:	6		

Term 6 - B 69 - 75 Credit Hours  Necessary course signified by	Hours	Minimum Grade	Notes
 CAP 320: Theories of Counseling and Psychotherapy	3	C	
Elective	3		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 75 - 81 Credit Hours	Hours	Minimum Grade	Notes
PSY 366: Psychological Disorders (SB)	3	C	
Elective	3		
Term hours subtotal:	6		

		Minimum	
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Term 7 - B 81 - 87 Credit Hours Necessary course signified by ★	Hours	Grade	Notes
★ CAP 335: Addiction Group Counseling	3	C	• Use Handshake to research employment opportunities.
Upper Division Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	6		

Term 8 - A 87 - 93 Credit Hours	Hours	Minimum Grade	Notes
CAP 351: Issues in Assessment, Diagnosis and Treatment	3	C	
Elective	3		
Term hours subtotal:	6		

Term 8 - B 93 - 99 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CAP 440: Addictions II: Treatment, Recovery and Relapse Prevention	3	C	• Gather professional references. • Apply for full-time career opportunities.
Upper Division Elective	3		
Term hours subtotal:	6		

Term 9 - A 99 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PSY 470: Psychopharmacology	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		

Term 9 - B 105 - 111 Credit Hours	Hours	Minimum Grade	Notes
CAP 484: Internship	3	C	
Elective	3		
Term hours subtotal:	6		

Term 10 - A 111 - 117 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Counseling and Applied Psychological Sciences Courses	3	C	
Elective	3		
Term hours subtotal:	6		

Term 10 - B 117 - 120 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Counseling and Applied Psychological Sciences Courses	3	C	
Term hours subtotal:	3		

Hide Course List(s)/Track Group(s)

Counseling and Applied Psychological Sciences Courses

CAP 315: Trauma and Crisis Intervention

CAP 330: Group Counseling



CAP 342: Community Outreach, Prevention and Intervention

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CAP 400: Advanced Counseling Research Methods

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CAP 420: School Counseling

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CAP 494: Combat Trauma

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CAP 494: Counseling Military Veterans

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SOC 315: Sociology of Dating, Relationships and Marriage (SB)

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**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.




## 2023 - 2024 Major Map




### English, BA




School/College: College of Integrative Sciences and Arts

Location: Polytechnic



LSENGBA



Term 1 0 - 13 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students</li> <li>Select your <b>career interest communities</b> and play <b>me3@ASU</b>.</li> </ul>
ASU 101-CLS: The ASU Experience	1		
Historical Awareness (H)	3		
Humanities, Arts and Design (HU)	3		
Mathematics (MA) ( MAT 142 recommended)	3		
Term hours subtotal:	13		




Term 2 13 - 29 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>Join a <b>student club</b> or professional organization.</li> </ul>
Computer/Statistics/Quantitative Applications (CS)	3		
Cultural Diversity in the U.S. (C)	3		
Natural Science - Quantitative (SQ)	4		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		



Term 3 29 - 45 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 200: Critical Reading and Writing About Literature (L or HU)	3	C	<ul style="list-style-type: none"> <li>ENG 200-level literature course is a recommended pre-requisite to upper division ENG courses.</li> <li>Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> </ul>
2** ENG Literature Course AND Humanities, Arts and Design (HU)	3	C	
ENG Elective	3	C	
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB)	3		
 Complete Mathematics (MA) requirement.			
Maintain 2.00 GPA in Major Courses.			
Term hours subtotal:	16		



		Minimum	
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Term 4 45 - 60 Credit Hours <b>Critical course signified by</b> 	Hours	Grade	Notes
 2** ENG Writing Course	3	C	
Literature Course	3	C	
Global Awareness (G)	3		
Social-Behavioral Sciences (SB)	3		
Elective	3		
Maintain 2.00 GPA in Major Courses.			
Term hours subtotal:	15		

Term 5 60 - 75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 Upper Division Ethnicity and Gender Course	3	C	
Complete 2 courses:			
ENG Elective	6	C	
Upper Division Elective	3		
Elective	3		
Maintain 2.00 GPA in Major Courses.			
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 Upper Division Film and Popular Culture	3	C	<ul style="list-style-type: none"> <li>• Use Handshake to research <b>employment opportunities</b>.</li> </ul>
Complete 2 courses:			
ENG Elective	6	C	
Complete 2 courses:			
Upper Division Elective	6		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Maintain 2.00 GPA in Major Courses.			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 ENG Upper Division Elective	3	C	<ul style="list-style-type: none"> <li>• Gather <b>professional references</b>.</li> <li>• Apply for <b>full-time career opportunities</b>.</li> </ul>
Complete 4 courses:			
Upper Division Elective	12		
Maintain 2.00 GPA in Major Courses.			
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 498: Pro-Seminar (L)	3	C	<ul style="list-style-type: none"> <li>• Students in the Barrett Honors College may take ENG 493: Honors Thesis in place of ENG 498: Pro-Seminar.</li> </ul>
ENG 484: Internship OR Upper Division Elective	3		
Complete 2 courses:			
ENG Upper Division Elective	6	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Maintain 2.00 GPA in Major Courses.			
Term hours subtotal:	15		

Hide Course List(s)/Track Group(s)

2** ENG Literature Course	Literature	2** ENG Writing Course
ENG 201: World Literature (HU & H & G)	ENG 303: Classical Backgrounds of English Literature (HU)	ENG 210: Introduction to Creative Writing
ENG 202: World Literature (HU & H)	ENG 320: Medievalism in Modern Culture	ENG 215: Strategies of Academic Writing (L)
ENG 204: Topics in Contemporary Literature (HU)	ENG 321: Shakespeare (L or HU)	ENG 216: Persuasive Writing on Public Issues (L)
ENG 221: Survey of English Literature (HU)	ENG 328: The Novel to Jane Austen (HU & H)	ENG 217: Writing Reflective Essays (L)
ENG 222: Survey of English Literature (HU & H)	ENG 329: 19th-Century British Fiction	ENG 218: Writing About Literature (L or HU)
ENG 241: Literatures of the United States to 1860 ((L or HU) & C)	ENG 335: American Poetry	ENG 243: Introduction to Writing Family History (L)
ENG 242: Literatures of the United States, 1860 to Present (HU)	ENG 337: Major American Novels (L or HU)	
	ENG 352: Short Story (L or HU)	
	ENG 378: Environmental Creative Nonfiction (L or HU)	
	ENG 415: Studies in Medieval Literature and Culture (HU)	
	ENG 468: Environmental Literary Criticism (L or HU)	
	ENG 471: Literature for Young Adults (HU)	
	ENG 473: Critical Approaches to Children's Literature (L or HU)	
Film and Popular Culture	Ethnicity and Gender	
ENG 320: Medievalism in Modern Culture	ENG 333: American Ethnic Literature	
ENG 334: The American Southwest in Literature and Film ((L or HU) & C)	ENG 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C)	
ENG 365: History of Film (HU)	ENG 354: African American Literature: Harlem Renaissance to the Present ((L or HU) & C)	
ENG 366: Literature on Film	ENG 359: Indigenous American Literature ((L or HU) & C)	
ENG 367: Environmental Issues in Literature and Film (L or HU)	ENG 363: Transborder Mexican and Chicano/a Literature of Southwest North America ((L or HU) & C)	
ENG 446: Visual Narratives (L or HU)	ENG 364: Women and Literature (HU)	
ENG 464: Great Directors (L or HU)		
ENG 466: Studies in International Film		
ENG 467: American Film Musicals (L or HU)		

**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and

West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>

- Mathematics Placement Assessment score determines placement in first mathematics course.
- A minimum of 12 upper division ENG credits must be completed through the College of Integrative Sciences and Arts.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.




## 2023 - 2024 Major Map





### General Studies, BA




School/College: [College of Integrative Sciences and Arts](#)



Location: [Downtown Phoenix, Polytechnic, ASU at Lake Havasu](#)

LSGNSBGS

Term 1 0 - 14 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college specific equivalent First Year Seminar required of all first-year students</li> <li>Select your <b>career interest communities</b> and play <b>me3@ASU</b>.</li> </ul>
ASU 101-CLS: The ASU Experience	1		
Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB)	3		
Elective	3		
Term hours subtotal:	14		

Term 2 14 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>Students completing the Bachelor of Arts in General Studies will complete three courses in each cluster for a total of 36 credit hours. A minimum of 18 of the 36 credits must be upper-division credits.</li> </ul>
 Cluster #1 Course	3	C	
Humanities, Arts and Design (HU)	3		
Mathematics (MA) ( MAT 142 recommended)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 30 - 45 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 Cluster #2 Course	3	C	<ul style="list-style-type: none"> <li>Join a <b>student club</b> or professional organization.</li> <li>Develop your <b>skills</b>.</li> </ul>
Cultural Diversity in the U.S. (C)	3		
Humanities, Arts and Design (HU)	3		
Complete 2 courses:	6		
Elective			
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	15		

Term 4 45 - 60 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 Cluster #3 Course	3	C	

Computer/Statistics/Quantitative Applications (CS)	3
Global Awareness (G)	3
Literacy and Critical Inquiry (L)	3
Social-Behavioral Sciences (SB)	3
Term hours subtotal:	15

Term 5 60 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Cluster #1 Course	3	C	
★ Cluster #4 Course	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Historical Awareness (H)	3		
Elective	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Cluster #1 Course	3	C	• Use Handshake to research employment opportunities.
★ Upper Division Cluster #2 Course	3	C	
Upper Division Cluster #3 Course	3	C	
Cluster #2 Course	3	C	
Upper Division Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ UNI 400: Society and the Individual (L)	3	C	• Gather professional references. • Apply for full-time career opportunities.
Complete 2 courses: Upper Division Cluster #4 Course	6	C	
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Cluster #3 Course	3	C	
Upper Division Elective OR IDS 484: Internship OR SPA 484: Internship	3		
Complete 3 courses: Upper Division Elective	9		
Term hours subtotal:	15		

- Students completing the Bachelor of Arts in General Studies will complete three courses in each cluster for a total of 36 credit hours. A minimum of 18 of the 36 credits must be upper-division credits.

Hide Course List(s)/Track Group(s)

Global Perspectives	National and Civil Service	Organizations, Communities and Ethics
COM 316: Gender and Communication (SB & C)	AES 101: Air Force Today I	CAP 342: Community Outreach, Prevention and Intervention
COM 363: Latinxs and the Media (C)	AES 103: Air Force Today II	CHM 107: Chemistry and Society (SQ)
ENG 201: World Literature (HU & H & G)	AES 201: The Evolution of USAF Air and Space Power I	COM 312: Communication, Conflict, and Negotiation
ENG 202: World Literature (HU & H)	AES 203: The Evolution of USAF Air and Space Power II	COM 467: Digital Rhetoric
ENG 216: Persuasive Writing on Public Issues (L)	AES 301: Air Force Leadership Studies I (L)	CRJ 350: Law and Social Control (SB)
ENG 217: Writing Reflective Essays (L)	AES 303: Air Force Leadership Studies II (L)	CRJ 403: Victims and the Criminal Justice System
ENG 317: Cross-Cultural Writing ((L or HU) & G)	AES 401: National Security Affairs (L)	CRJ 404: Juvenile Delinquency
HCR 230: Culture and Health (C & G) or HSC 210: Cultural Aspects of Health (C)	COM 259: Communication in Business and the Professions	CRJ 405: Neighborhoods and Crime
HCR 310: Fundamentals of Human Trafficking (SB)	COM 263: Elements of Intercultural Communication (SB & C & G)	CRJ 406: Sex Crimes
HST 101: Global History Since 1500 (HU & H & G)	COM 312: Communication, Conflict, and Negotiation	CRJ 408: Drugs and Crime
HST 104: Modern Europe: French Revolution to European Union ((HU or SB) & G & H)	COM 316: Gender and Communication (SB & C)	CRJ 422: Violence in America
HST 230: Introduction to Jewish Civilization (HU & H & G)	COM 371: Language, Culture, and Communication (SB & C & G)	CRJ 461: Intimate-Partner Violence
HST 306: The Civil Rights Movement	CRJ 100: Introduction to Criminal Justice (SB)	CRJ 462: Gangs
HST 327: Women in U.S. History, 1600 to 1880 ((HU or SB) & C & H)	CRJ 201: Criminal Justice Crime Control Policies and Practices	CRJ 463: White Collar Crime
HST 328: Women in U.S. History, 1880-1980 ((HU or SB) & C & H)	CRJ 350: Law and Social Control (SB)	CRJ 470: Discretionary Justice (L or SB)
HST 364: Sex and Society in Modern Europe ((L or SB) & H)	CRJ 403: Victims and the Criminal Justice System	HCI 150: Introduction to Health Innovation
HST 368: Culture and Imagination in European History (HU & H)	CRJ 404: Juvenile Delinquency	HCI 250: Health Entrepreneurship and Value Creation
HST 372: Modern Middle East (SB & G & H)	CRJ 405: Neighborhoods and Crime	HCR 210: Ethics for the Health Care Professional (HU)
HST 430: The Ottoman Empire in the Classical Period	CRJ 406: Sex Crimes	HCR 230: Culture and Health (C & G) or HSC 210: Cultural Aspects of Health (C)
MCO 430: International Mass Communication (G)	CRJ 408: Drugs and Crime	HCR 231: Fundamentals of Community Health
REL 100: Religions of the World (HU & G)	CRJ 422: Violence in America	HCR 310: Fundamentals of Human Trafficking (SB)
REL 201: Religion and the Modern World (L or HU)	CRJ 461: Intimate-Partner Violence	HCR 331: Communication within Communities
REL 365: Islamic Civilization (HU & H)	CRJ 462: Gangs	HST 333: African American History to 1865 (SB & H & C)
REL 369: Women in Islam	CRJ 463: White Collar Crime	MCO 120: Media and Society (SB)
	CRJ 470: Discretionary Justice (L or SB)	MCO 240: Media Issues in American Pop Culture
	ENG 216: Persuasive Writing on Public Issues (L)	MCO 335: Social Media Foundations
	ENG 217: Writing Reflective Essays (L)	MCO 425: Digital Media Literacy I



REL 390: Women, Gender and Religion (HU & G)	ENG 301: Writing for the Professions (L)	MCO 426: Digital Media Literacy II
SPA 405: Latino Cultural Perspectives for the Professions ((L or HU) & C & G)	ENG 317: Cross-Cultural Writing ((L or HU) & G)	MCO 456: Political Communication (SB)
SWU 456: Immigrants and Refugees (C)	HCR 231: Fundamentals of Community Health	MCO 460: Race, Gender, and Media (C)
SWU 457: Southwest Borderland Immigration Issues (C)	HCR 310: Fundamentals of Human Trafficking (SB)	NLM 160: Voluntary Action and Community Leadership (SB)
TDM 205: Introduction to Travel and Tourism (G)	HCR 331: Communication within Communities	NLM 220: Introduction to Nonprofit Organizations
WST 100: Women, Gender, and Society (SB & C) or WST 300: Women and Gender in Contemporary Society (SB & C)	MCO 456: Political Communication (SB)	NLM 300: Fund Raising and Resource Development
WST 380: Race, Gender, and Class (SB & C)	MIS 101: Introduction to the United States Army	NLM 310: Volunteer Management
WST 390: Women, Gender and Religion (HU & G)	MIS 102: Foundation of Agile and Adaptive Leadership	OGL 220: Behavioral Dynamics in Organizations (SB)
	MIS 201: Army Leadership and Decision Making	OGL 260: Resource Allocation in Organizations
	MIS 202: Army Doctrine and Team Development	OGL 300: Theory and Practice of Leadership
	MIS 301: Training Management and the Warfighting Functions (L)	OGL 343: Social Processes in Organizations (SB)
	MIS 302: Applied Leadership in Small-Unit Operations (L)	OGL 345: Organizational Ethics (HU)
	NAV 101: Introduction to Naval Science	OGL 350: Diversity and Organizations (L & C)
	NAV 102: Sea Power and Maritime Affairs	OGL 355: Leading Organizational Innovation and Change
	NAV 402: Leadership and Ethics	OGL 357: Assessment in Organizations
	NLM 160: Voluntary Action and Community Leadership (SB)	OGL 360: Assessment of Leadership Effectiveness
	NLM 220: Introduction to Nonprofit Organizations	PAF 220: Introduction to Urban America
	NLM 300: Fund Raising and Resource Development	PAF 240: Urban Policy (C)
	NLM 310: Volunteer Management	PAF 305: Urban Governance
	OGL 220: Behavioral Dynamics in Organizations (SB)	PAF 311: Leadership and Change (SB)
	OGL 260: Resource Allocation in Organizations	PAF 351: Urban and Metropolitan Studies
	OGL 300: Theory and Practice of Leadership	PAF 352: Urban Theory
	OGL 343: Social Processes in Organizations (SB)	PAF 410: Building Leadership Skills (SB)
	OGL 345: Organizational Ethics (HU)	PAF 420: Managing Across Boundaries
	OGL 350: Diversity and Organizations (L & C)	PAF 460: Public Service Ethics
		PHI 101: Introduction to Philosophy (HU)
		PHI 105: Intro to Ethics (HU)
		PHI 306: Applied Ethics (HU)
		PRM 145: Special Events Management
		PRM 487: Advanced Special Events Management

OGL 355: Leading Organizational Innovation and Change	SPA 317: Spanish for the Professions (G)
OGL 357: Assessment in Organizations	SPA 318: Advanced Spanish for Health Care Professionals
OGL 360: Assessment of Leadership Effectiveness	SPA 401: Spanish Oral Communication for the Professions
PAF 240: Urban Policy (C)	SPA 402: Written Communication for the Professions (C)
PAF 305: Urban Governance	SPA 404: Spanish in U. S. Professional Communities ((L or HU) & C)
PAF 311: Leadership and Change (SB)	SPA 405: Latino Cultural Perspectives for the Professions ((L or HU) & C & G)
PAF 410: Building Leadership Skills (SB)	SPA 406: Introduction to Spanish/English Medical Interpretation
PAF 420: Managing Across Boundaries	STS 331: Ethical Issues in Science and Technology (SB)
PAF 460: Public Service Ethics	SWU 171: Introduction to Social Work (SB & H)
SWU 181: Economics: A Social Issues Perspective	SWU 181: Economics: A Social Issues Perspective
SWU 182: Social Services Perspective of Government (SB)	SWU 182: Social Services Perspective of Government (SB)
SWU 432: Social Policy and Services	SWU 183: Introductory Ethics: A Social Issues Perspectives (HU)
SWU 456: Immigrants and Refugees (C)	SWU 432: Social Policy and Services
SWU 457: Southwest Borderland Immigration Issues (C)	SWU 456: Immigrants and Refugees (C)
USL 210: Service Learning: Intro to Diverse Community Issues (L & C)	SWU 457: Southwest Borderland Immigration Issues (C)
USL 402: Service Learning: Education & Youth (C)	SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C)
VTS 301: Experience of America's Modern Wars (H)	TDM 205: Introduction to Travel and Tourism (G)
VTS 302: Representations and Self-Representations of Veterans in the Media and the Arts (H & C)	VTS 301: Experience of America's Modern Wars (H)
	VTS 302: Representations and Self-Representations of Veterans in the Media and the Arts (H & C)

Values, Identities and Society

CAP 220: Self in a Multicultural Society (C)

CDE 232: Human Development (SB)

COM 100: Introduction to Human Communication (SB)

COM 207: Introduction to Communication Inquiry

COM 222: Argumentation (L)

COM 225: Public Speaking (L)

COM 230: Small Group Communication (SB)

COM 250: Communication and the Workplace  
(SB)

COM 259: Communication in Business and  
the Professions

COM 263: Elements of Intercultural  
Communication (SB & C & G)

COM 312: Communication, Conflict, and  
Negotiation

COM 316: Gender and Communication (SB &  
C)

COM 323: Communication Approaches to  
Popular Culture (C)

COM 362: Urban Communication:  
Reinventing the Latinx City

COM 363: Latinxs and the Media (C)

COM 371: Language, Culture, and  
Communication (SB & C & G)

COM 464: Communicative Sexualities (SB)

CRJ 350: Law and Social Control (SB)

CRJ 403: Victims and the Criminal Justice  
System

CRJ 404: Juvenile Delinquency

CRJ 405: Neighborhoods and Crime

CRJ 406: Sex Crimes

CRJ 408: Drugs and Crime

CRJ 422: Violence in America

CRJ 461: Intimate-Partner Violence

CRJ 462: Gangs

CRJ 463: White Collar Crime

ENG 216: Persuasive Writing on Public Issues  
(L)

ENG 217: Writing Reflective Essays (L)

ENG 218: Writing About Literature (L or HU)

ENG 287: Beginning Creative Writing  
Workshop in Poetry

ENG 288: Beginning Creative Writing  
Workshop in Fiction

ENG 301: Writing for the Professions (L)

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ENG 364: Women and Literature (HU)

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ENG 387: Intermediate Creative Writing  
Workshop in Poetry: Form, Theory, and  
Practice

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ENG 388: Intermediate Creative Writing  
Workshop in Fiction: Form, Theory, and  
Practice

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HCR 230: Culture and Health (C & G) or HSC  
210: Cultural Aspects of Health (C)

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HCR 310: Fundamentals of Human  
Trafficking (SB)

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HCR 331: Communication within  
Communities

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HST 110: United States Since 1865 (SB & H)

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HST 230: Introduction to Jewish Civilization  
(HU & H & G)

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HST 306: The Civil Rights Movement

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HST 327: Women in U.S. History, 1600 to  
1880 ((HU or SB) & C & H)

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HST 328: Women in U.S. History, 1880-1980  
((HU or SB) & C & H)

---

HST 333: African American History to 1865  
(SB & H & C)

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HST 368: Culture and Imagination in  
European History (HU & H)

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HST 372: Modern Middle East (SB & G & H)

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HST 430: The Ottoman Empire in the  
Classical Period

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MCO 335: Social Media Foundations

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MCO 425: Digital Media Literacy I

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MCO 426: Digital Media Literacy II

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PHI 101: Introduction to Philosophy (HU)

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PHI 105: Intro to Ethics (HU)

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PHI 306: Applied Ethics (HU)

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PSY 101: Introduction to Psychology (SB)

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PSY 350: Social Psychology (SB)

---

REL 100: Religions of the World (HU & G)

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REL 201: Religion and the Modern World (L  
or HU)

---

REL 240: Introduction to Southeast Asia ((HU  
or SB) & G)

---

REL 365: Islamic Civilization (HU & H)

---

REL 369: Women in Islam

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REL 390: Women, Gender and Religion (HU & G)

---

SWU 456: Immigrants and Refugees (C)

---

SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C)

---

WST 100: Women, Gender, and Society (SB & C) or WST 300: Women and Gender in Contemporary Society (SB & C)

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WST 380: Race, Gender, and Class (SB & C)

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WST 390: Women, Gender and Religion (HU & G)

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VTS 301: Experience of America's Modern Wars (H)

---

VTS 302: Representations and Self-Representations of Veterans in the Media and the Arts (H & C)

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**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.













## 2023 - 2024 Major Map

### History, BA

School/College: College of Integrative Sciences and Arts

Location: Polytechnic

LSHISBA

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students</li> <li>Select your <b>career interest communities</b> and play <b>me3@ASU</b>.</li> <li>HST Elective credit may not come from HST 300 or HST 498</li> </ul>
 HST Elective	3	C	
ASU 101-CLS: The ASU Experience	1		
Humanities, Arts and Design (HU)	3		
Mathematics (MA) ( MAT 142 recommended)	3		
Elective	3		
 Maintain 2.25 GPA in Critical Tracking Courses. Minimum 2.25 GPA in HST.			
Term hours subtotal:	16		
Term 2 16 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>Join a <b>student club</b> or professional organization.</li> <li>HST Elective credit may not come from HST 300 or HST 498</li> </ul>
 HST Elective	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB)	3		
 Maintain 2.25 GPA in Critical Tracking Courses. Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		
Term 3 32 - 48 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 HST Elective	3	C	<ul style="list-style-type: none"> <li>Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> <li>HST Elective credit may not come from HST 300 or HST 498</li> </ul>
Global Awareness (G)	3		
Humanities, Arts and Design (HU)	3		
Literacy and Critical Inquiry (L)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		

🚩 Complete Mathematics (MA) requirement.

🚩 Maintain 2.25 GPA in Critical Tracking Courses.

Term hours subtotal: 16

Term 4 48 - 63 Credit Hours <b>Critical course signified by</b> 🚩	Hours	Minimum Grade	Notes
🚩 Additional History Related Area	3	C	• Students will complete a total of 15 credit hours in a History Related Area Field. 9 credit hours must be selected from a single subject area, and at least six of those credit hours must be upper division. The remaining six credit hours can be selected from any subjects in the list, and at least three of those credit hours must be upper division. See more information at the bottom of the major map. Students will choose Related Area Fields in consultation with their History academic advisor.
Cultural Diversity in the U.S. (C)	3		
Historical Awareness (H)	3		
Social-Behavioral Sciences (SB)	3		
Elective	3		
🚩 Maintain 2.25 GPA in Critical Tracking Courses.			
Minimum 2.25 GPA in HST.			
Term hours subtotal:	15		

Term 5 63 - 78 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ HST Upper Division Elective	3	C	• Upper Division HST Elective credit may not come from HST 300 or HST 498
History Single Subject Related Area	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Elective	3		
Elective	3		
Minimum 2.25 GPA in HST.			
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ HST Upper Division Elective	3	C	• Use Handshake to research <b>employment opportunities</b> . • Students will complete a total of 15 credit hours in a History Related Area Field. 9 credit hours must be selected from a single subject area, and at least six of those credit hours must be upper division. The remaining six credit hours can be selected from any subjects in the list, and at least three of those credit hours must be upper division. See more information at the bottom of the major map. Students will choose Related Area Fields in consultation with their History academic advisor. • Upper Division HST Elective credit may not come from HST 300 or HST 498
Upper Division Additional History Related Area	3	C	
Complete 3 courses: Upper Division Elective	9		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Minimum 2.25 GPA in HST.			
Term hours subtotal:	15		

Term 7 93 - 105 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ HST Upper Division Elective	3	C	• Gather <b>professional references</b> . • Apply for <b>full-time career opportunities</b> . • Upper Division HST Elective credit may not come from HST 300 or HST 498
Complete 2 courses: Upper Division History Single Subject Related Area	6	C	
Upper Division Elective	3		
Minimum 2.25 GPA in HST.			

Term hours subtotal: 12

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HST 495: Methods of Historical Inquiry (L) OR HST 493: Honors Thesis (L)	3	C	<ul style="list-style-type: none"> <li>• Students in the Barrett Honors College may take HST 493: Honors Thesis in place of HST 495: Methods of Historical Inquiry.</li> <li>• Upper Division HST Elective credit may not come from HST 300 or HST 498</li> </ul>
HST 484: Internship OR Upper Division Elective	3		
HST Upper Division Elective	3	C	
Complete 2 courses: Elective	6		
Minimum 2.25 GPA in HST.			
Term hours subtotal:		15	

- Students will complete a total of 15 credit hours of History Related Area courses (including a minimum of nine upper-division hours). History Related subjects include: English (ENG), Integrative Social Sciences (ISS), Philosophy (PHI), Political Science (POS), Religious Studies (REL), Sociology (SOC), Science Technology and Society (STS) and Veterans Studies (VTS).
- Students will select one subject of study from the History Related Area course list, and complete nine hours of coursework within that subject. At least six of those hours must be upper division. All courses must be from the same subject.
- The remaining six credit hours can be taken from any subject area listed below; courses do not have to be from the same subject. At least three of those hours must be upper division.

Hide Course List(s)/Track Group(s)

History Single Subject Related Area - Choose One Subject (9 Hours)	Additional History Related Area (6 Hours)
ENG Elective	ENG Elective
ISS Elective	ISS Elective
PHI Elective	PHI Elective
POS Elective	POS Elective
REL Elective	REL Elective
SOC Elective	SOC Elective
STS Elective	STS Elective
VTS Elective	VTS Elective

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Students must complete a minimum of 12 upper-division credit hours of HST courses offered by the College of Integrative Sciences and Arts.



**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for**  
**Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.













## 2023 - 2024 Major Map

### History (Veterans, Society and Service), BA

School/College: [College of Integrative Sciences and Arts](#)

Location: [Polytechnic](#)

LSHISVSSBA

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>Veterans, Society and Service Elective is chosen from list at bottom of major map.</li> <li>Select your <b>career interest communities</b> and play <b>me3@ASU</b>.</li> </ul>
 Veterans, Society and Service Elective	3	C	
ASU 101-CLS: The ASU Experience	1		
Humanities, Arts and Design (HU)	3		
Mathematics (MA) ( MAT 142 recommended)	3		
Elective	3		
 Maintain 2.25 GPA in Critical Tracking Courses. Minimum 2.25 GPA in HST.			
Term hours subtotal:	16		
Term 2 16 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>Veterans, Society and Service Elective is chosen from list at bottom of major map.</li> <li>Join a <b>student club</b> or professional organization.</li> </ul>
 Veterans, Society and Service Elective	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB)	3		
 Maintain 2.25 GPA in Critical Tracking Courses. Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		
Term 3 32 - 48 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 Veterans, Society and Service Elective	3	C	<ul style="list-style-type: none"> <li>Veterans, Society and Service Elective is chosen from list at bottom of major map.</li> <li>Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> </ul>
Global Awareness (G)	3		
Humanities, Arts and Design (HU)	3		
Literacy and Critical Inquiry (L)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		

🚩 Complete Mathematics (MA) requirement.

🚩 Maintain 2.25 GPA in Critical Tracking Courses.

Term hours subtotal: 16

Term 4 48 - 63 Credit Hours Critical course signified by 🚩	Hours	Minimum Grade	Notes
🚩 Additional History Related Area	3	C	• Students will complete a total of six credit hours from any Additional History Related Area Field; courses do not have to be from the same subject. Students will choose these courses in consultation with their History academic advisor.
Social-Behavioral Sciences (SB)	3		
Complete 3 courses:			
Elective	9		
🚩 Maintain 2.25 GPA in Critical Tracking Courses.			
Minimum 2.25 GPA in HST.			
Term hours subtotal:	15		

Term 5 63 - 78 Credit Hours Necessary course signified by ⭐	Hours	Minimum Grade	Notes
⭐ HST Upper Division Elective	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Complete 2 courses:			
Upper Division Elective	6		
Elective	3		
Minimum 2.25 GPA in HST.			
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by ⭐	Hours	Minimum Grade	Notes
⭐ HST Upper Division Elective	3	C	• Use Handshake to research employment opportunities. • Students will complete a total of six credit hours from any Additional History Related Area Field; courses do not have to be from the same subject. Students will choose these courses in consultation with their History academic advisor.
VTS 301: Experience of America's Modern Wars (H)	3	C	
VTS 302: Representations and Self-Representations of Veterans in the Media and the Arts (H & C)	3	C	
Upper Division Additional History Related Area	3	C	
Upper Division Elective	3		
⭐ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Minimum 2.25 GPA in HST.			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by ⭐	Hours	Minimum Grade	Notes
⭐ HST Upper Division Elective	3	C	• Gather professional references. • Apply for full-time career opportunities.
Complete 2 courses:			
Upper Division Elective	6		
Complete 2 courses:			
Elective	6		
Minimum 2.25 GPA in HST.			
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by ⭐	Hours	Minimum Grade	Notes
⭐ HST 495: Methods of Historical Inquiry (L)	3	C	

HST 484: Internship OR VTS 484: Internship OR Upper Division Elective	3	
HST Upper Division Elective	3	C
Elective	3	
Minimum 2.25 GPA in HST.		
Term hours subtotal:	12	

- Students in the Barrett Honors College may take HST 493: Honors Thesis in place of HST 495: Methods of Historical Inquiry.

- Students will complete a total of nine credit hours, including three hours of upper division, in the Veterans, Society and Service Track.
- Students will complete six credit hours from any subject area listed in the Additional History Related Areas; courses do not have to be from the same subject.
- Students must complete a minimum of 12 upper-division credit hours of HST courses offered by the College of Integrative Sciences and Arts.

Hide Course List(s)/Track Group(s)

Veterans, Society and Service Electives	Additional History Related Area
AES 103: Heritage and Values II	ENG Elective
AES 203: Team and Leadership Fundamentals II	ISS Elective
COM 263: Elements of Intercultural Communication (SB & C & G)	PHI Elective
COM 420: Rhetoric and Community Advocacy	POS Elective
FAS 410: Military Family Systems in a Democracy	REL Elective
FMS 427: Identity and World Film (C)	SOC Elective
GRK 346: Ancient Greece II: Late Classical and Hellenistic Period (SB & H) or HST 346: Ancient Greece II: Late Classical and Hellenistic Period (SB & H) or SLC 346: Ancient Greece II: Late Classical and Hellenistic Period (SB & H)	STS Elective
HST 204: Historical Themes in the US	VTS Elective
HST 302: War and Political Thought	
HST 302: Women, War and Peace	
HST 306: World War II	
HST 319: History of Aviation (SB & H)	
HST 340: American Military History (SB & H)	
HST 355: Total War and the Crisis of Modernity (SB & G & H)	
HST 372: Modern Middle East (SB & G & H)	

HST 394: War & Popular Culture or VTS 394:  
War & Popular Culture

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HST 395: Combat in Film (SB & H) or VTS  
395: Combat in Film (SB & H)

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HST 408: Civil War and Reconstruction ((L or  
SB) & H)

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HST 456: The Vietnam War (SB & G & H)

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IAP 307: Art and War (HU & G)

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MCO 494: War and Media

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NAV 102: Sea Power and Maritime Affairs

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POS 378: Religion, War and Peace (L) or REL  
378: Religion, War and Peace (L)

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SGS 394: Gender and Armed Conflict

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SOC 352: Social Change (SB & G & H)

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**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.













## 2023 - 2024 Major Map

### History of Science, Technology and Innovation, BA

School/College: College of Integrative Sciences and Arts

Location: Polytechnic

LSHSIIBA

Term 1 0 - 13 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students</li> <li>Select your <b>career interest communities</b> area and play <b>me3@ASU</b>.</li> </ul>
ASU 101-CLS: The ASU Experience	1		
Humanities, Arts and Design (HU)	3		
Mathematics (MA)	3		
Elective	3		
Term hours subtotal:	13		
Term 2 13 - 28 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>Students must select Related Area courses all from <b>one</b> subject area indicated at bottom of the major map.</li> <li>Join a <b>student club</b> or professional organization.</li> </ul>
Related Area Course	3	C	
Cultural Diversity in the U.S. (C)	3		
Humanities, Arts and Design (HU)	3		
Social-Behavioral Sciences (SB)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		
Term 3 28 - 44 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 HST 280: History of Science, Technology and Innovation (SB & G & H)	3	C	<ul style="list-style-type: none"> <li>Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> </ul>
 History of Science, Ideas and Innovation Elective	3	C	
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ)	4		
Elective	3		
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		
Term 4 44 - 60 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 Related Area Course	3	C	

Computer/Statistics/Quantitative Applications (CS)	3
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4
Complete 2 courses: Elective	6
Term hours subtotal:	16

- Students must select Related Area courses all from **one** subject area indicated at bottom of the major map.

Term 5 60 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Related Area Course	3	C	<ul style="list-style-type: none"> <li>• Students must choose History of Science, Ideas and Innovation Elective credits from the list provided at the bottom of the major map.</li> </ul>
Complete 3 courses: Upper Division History of Science, Ideas and Innovation Elective	9	C	
Elective	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Complete 3 courses: Upper Division History of Science, Ideas and Innovation Elective	9	C	<ul style="list-style-type: none"> <li>• Use Handshake to research <b>employment opportunities</b>.</li> </ul>
Complete 2 courses: Elective	6		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Complete 3 courses: Upper Division History of Science, Ideas and Innovation Elective	9	C	<ul style="list-style-type: none"> <li>• Gather <b>professional references</b>.</li> <li>• Apply for <b>full-time career opportunities</b>.</li> </ul>
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Elective	3		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HST 495: Methods of Historical Inquiry (L)	3	C	
★ Complete 4 courses: Upper Division History of Science, Ideas and Innovation Elective	12	C	
Term hours subtotal:	15		

Hide Course List(s)/Track Group(s)

History of Science, Ideas and Innovation Electives	Related Area Courses (9 credits from ONE subject below)
HST 294: Special Topics	ABS Elective
HST 300: Experience of America's Modern Wars (H)	AMT Elective
	ATC Elective
HST 301: Global History of Health (SB & G & H)	BIO Elective

HST 308: History and Philosophy of Sustainability	EGR Elective
HST 309: Exploration and Empire ((L or HU) & H)	IFT Elective
HST 312: History of Women in Science and Medicine (HU or SB)	ISS Elective
HST 318: History of Engineering ((L or SB) & G)	PHY Elective
HST 319: History of Aviation (SB & H)	POS Elective
HST 345: Environmental History (L)	SOC Elective
HST 380: Studies in the History of Science	STS Elective
HST 381: Studies in the History of Ideas	
HST 382: Studies in the History of Innovation and Technology	
HST 394: Special Topics	
HST 482: Writing and the History of Science, Ideas and Technology (L)	
HST 484: Internship	
HST 494: Special Topics	

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Students must complete a minimum of 12 credit hours of HST courses offered by the College of Integrative Sciences and Arts.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)



First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map




### Integrative Social Science, BS




School/College: College of Integrative Sciences and Arts

Location: Polytechnic



LSISSBS


Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ISS 110: Dimensions of Social Science (SB) OR ISS 302: Scope of Social Science (SB)	3	C	<ul style="list-style-type: none"> <li>Students beginning their college experience at ASU will take ISS 110 to fulfill the introduction course requirement. Students who transfer to ASU with more than 45 credit hours will take ISS 302 to fulfill this requirement.</li> <li>ASU 101 or college specific equivalent First Year Seminar required of all first-year students.</li> <li>Select your <b>career interest communities</b> and play <b>me3@ASU</b>.</li> </ul>
ASU 101-CLS: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Mathematics (MA)	3		
Complete 2 courses:			
Elective	6		
Term hours subtotal:	16		



Term 2 16 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ISS OR POS OR STS Elective	3	C	<ul style="list-style-type: none"> <li>Visit the <b>Career and Professional Development Center</b> to identify networking opportunities and to seek career planning assistance.</li> <li>Join a <b>student club</b> or professional organization.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Cultural Diversity in the U.S. (C)	3		
Humanities, Arts and Design (HU)	3		
Natural Science - Quantitative (SQ)	4		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		



Term 3 32 - 47 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ISS OR POS OR STS Elective	3	C	<ul style="list-style-type: none"> <li>Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> </ul>
Computer/Statistics/Quantitative Applications (CS)	3		
Global Awareness (G)	3		
Humanities, Arts and Design (HU)	3		
Elective	3		
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	15		



		Minimum	
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Term 4 47 - 63 Credit Hours Critical course signified by 	Hours	Grade	Notes
 ISS OR POS OR STS Elective	3	C	
Historical Awareness (H)	3		
Literacy and Critical Inquiry (L)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Elective	3		
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
ISS 301: Integrated Social Science Research Methods (SB) OR POS 301: Empirical Political Inquiry (SB) OR STS 301: Research in Science and Technology Studies (SB)	3	C	
Complete 2 courses: ISS OR POS OR STS Upper Division Elective	6	C	
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
ISS 304: Integrated Theories of Social Science (SB) OR POS 342: Political Theory (HU or SB) OR STS 305: Science and Social Theory (SB)	3	C	<ul style="list-style-type: none"> <li>• Use Handshake to research employment opportunities.</li> </ul>
ISS OR POS OR STS Upper Division Elective	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Upper Division Elective	3		
Elective	3		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
 ISS 401: Statistics for Integrated Social Science (CS) OR POS 401: Political Statistics (CS) OR STS 401: Statistics in Science and Technology Studies (CS)	3	C	<ul style="list-style-type: none"> <li>• Gather professional references.</li> <li>• Apply for full-time career opportunities.</li> </ul>
Complete 2 courses: ISS OR POS OR STS Upper Division Elective	6	C	
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
 ISS 484: Internship OR ISS 498: Pro-Seminar	3	C	<ul style="list-style-type: none"> <li>• ISS 484 is recommended for students taking the program as a terminal degree for professional practice. ISS 498 Capstone or Applied Project are recommended for students preparing for further studies.</li> </ul>
Complete 2 courses: Upper Division Elective	6		
Elective	3		
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.










## 2023 - 2024 Major Map

### Interdisciplinary Studies, BA

School/College: College of Integrative Sciences and Arts

Location: Downtown Phoenix, Polytechnic, Tempe

LSBISBIS

Term 1 0 - 13 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college specific equivalent First Year Seminar required of all first-year students.</li> <li>Select your <b>career interest communities</b> and play <b>me3@ASU</b>.</li> </ul>
ASU 101-CLS: The ASU Experience	1		
Humanities, Arts and Design (HU)	3		
Social-Behavioral Sciences (SB)	3		
Elective	3		
Term hours subtotal:	13		
Term 2 13 - 29 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>Join a <b>student club</b> or professional organization.</li> </ul>
Mathematics (MA) ( MAT 142 recommended)	3		
Natural Science - Quantitative (SQ)	4		
Complete 2 courses:	6		
Elective			
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		
Term 3 29 - 44 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
Computer/Statistics/Quantitative Applications (CS)	3		<ul style="list-style-type: none"> <li>Choose IDS concentration areas in collaboration with an <b>IDS academic advisor</b>. Available offerings are found <b>here</b>.</li> <li>Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> </ul>
Global Awareness (G)	3		
Historical Awareness (H)	3		
Social-Behavioral Sciences (SB) ( IDS 201 recommended)	3		
Elective	3		
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	15		
Term 4 44 - 60 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 Concentration #1 Course	3	C	
 Concentration #2 Course	3	C	

Cultural Diversity in the U.S. (C)	3
Literacy and Critical Inquiry (L)	3
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4
Term hours subtotal:	16

Term 5 60 - 74 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ IDS 301: Becoming Interdisciplinary OR IDS 201: Intellectual Fusion (SB)	3	C	
★ Concentration #1 Course	3	C	
★ Concentration #2 Course	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Elective	2		
Term hours subtotal:	14		

Term 6 74 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Integrative Context Course	3	C	• Use Handshake to research employment opportunities.
IDS 400: Interdisciplinary Career Prep	1	C	
Upper Division Concentration #1 Course	3	C	
Upper Division Concentration #2 Course	3	C	
Complete 2 courses: Upper Division Elective	6		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	16		

Term 7 90 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ IDS 302: Integration Skills	3	C	• Explore IDS 401 Experiential Learning opportunities. Email CISA@asu.edu to begin the process. • Gather professional references. • Apply for full-time career opportunities.
Upper Division Concentration #1 Course	3	C	
Upper Division Concentration #2 Course	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ IDS 401: Integration: Experiential Learning	3	C	
Upper Division Concentration #1 Course	3	C	
Upper Division Concentration #2 Course	3	C	
Upper Division Integrative Context Course	3	C	
Integrative Application Course	3	C	
Term hours subtotal:	15		

Hide Course List(s)/Track Group(s)

Integrative Context Course	Integrative Application Course
IDS 310: Integration: Cultural Contexts (C)	IDS 140: The Nature of Knowledge Systems (HU)
IDS 311: Integration: Global Contexts	IDS 302: Integration Skills
IDS 312: Integrative Perspectives on Change	IDS 310: Integration: Cultural Contexts (C)
IDS 313: Integrative Perspectives on a Changing World	IDS 311: Integration: Global Contexts
IDS 314: Integrative Perspectives on Cultural Dynamics (SB)	IDS 312: Integrative Perspectives on Change
IDS 315: Integration: Social Contexts	IDS 313: Integrative Perspectives on a Changing World
IDS 316: Integration: Humanities Contexts	IDS 314: Integrative Perspectives on Cultural Dynamics (SB)
	IDS 315: Integration: Social Contexts
	IDS 316: Integration: Humanities Contexts
	IDS 484: Internship

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

## 2023 - 2024 Major Map

### Interdisciplinary Studies, BA




School/College: [College of Integrative Sciences and Arts](#)




Location: [Online ASU Local](#)



LSBISBIS

#### **FT** Fast Track Options: 3 Year


A student must speak with an advisor in order to be added to a fast track plan.

Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>• Completion of ASU 10 or ASU 11 or ASU 42 is highly recommended prior to beginning your first session of classes at ASU.</li> <li>• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>• Select your <b>career interest communities</b> and play <a href="mailto:me3@asu.edu">me3@ASU</a>.</li> </ul>
ASU 101-CLS: The ASU Experience	1		
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	7		

Term 1 - B 7 - 13 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>• View ASU Online first-time first-year registration information <a href="#">here</a>.</li> </ul>
Social-Behavioral Sciences (SB) (IDS 201 recommended)	3		
Term hours subtotal:	6		

Term 2 - A 13 - 19 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 Mathematics (MA) (MAT 142 recommended)	3		
Elective	3		
Term hours subtotal:	6		

Term 2 - B 19 - 26 Credit Hours	Hours	Minimum Grade	Notes
Computer/Statistics/Quantitative Applications (CS)	3		<ul style="list-style-type: none"> <li>• Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> </ul>
Natural Science - Quantitative (SQ)	4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	7		

Term 3 - A 26 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
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⚠ Concentration #1 Course	3	C
Elective	3	
Term hours subtotal:	6	

- Choose IDS concentration areas in collaboration with an **IDS academic advisor**. Available offerings are found [here](#).

Term 3 - B 32 - 39 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
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⚠ Concentration #2 Course	3	C
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4	
Complete First-Year Composition requirement.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	7	

Term 4 - A 39 - 45 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
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⚠ Concentration #1 Course	3	C
Historical Awareness (H)	3	
Term hours subtotal:	6	

Term 4 - B 45 - 51 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
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⚠ Concentration #2 Course	3	C
Humanities, Arts and Design (HU)	3	
Term hours subtotal:	6	

Term 5 - A 51 - 57 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
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★ IDS 301: Becoming Interdisciplinary OR IDS 201: Intellectual Fusion (SB)	3	C
Cultural Diversity in the U.S. (C)	3	
Term hours subtotal:	6	

Term 5 - B 57 - 64 Credit Hours	Hours	Minimum Grade	Notes
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IDS 400: Interdisciplinary Career Prep	1	C
Global Awareness (G)	3	
Social-Behavioral Sciences (SB)	3	
Term hours subtotal:	7	

Term 6 - A 64 - 70 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
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★ IDS 302: Integration Skills	3	C
Upper Division Concentration #1 Course	3	C
Term hours subtotal:	6	



- Use Handshake to research **employment opportunities**.

Term 6 - B 70 - 76 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
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★ Upper Division Concentration #2 Course	3	C
Upper Division Concentration #1 Course	3	C
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		

Term hours subtotal: 6

Term 7 - A 76 - 82 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
 Upper Division Concentration #1 Course	3	C	
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	6		



Term 7 - B 82 - 88 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
 Upper Division Concentration #2 Course	3	C	<ul style="list-style-type: none"> <li>• Gather professional references.</li> <li>• Apply for full-time career opportunities.</li> </ul>
Elective	3		
Term hours subtotal:	6		

Term 8 - A 88 - 94 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Literacy and Critical Inquiry (L)	3		
Elective	3		
Term hours subtotal:	6		

Term 8 - B 94 - 100 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
 Upper Division Concentration #2 Course	3	C	<ul style="list-style-type: none"> <li>• Begin exploring IDS 401 Experiential Learning opportunities. Email CISA@asu.edu to begin the process.</li> </ul>
Upper Division Elective	3		
Term hours subtotal:	6		

Term 9 - A 100 - 106 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
 Upper Division Integrative Context Course	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	6		

Term 9 - B 106 - 111 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
 IDS 401: Integration: Experiential Learning	3	C	
Upper Division Elective	2		
Term hours subtotal:	5		

Term 10 - A 111 - 117 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
 Upper Division Integrative Context Course	3	C	
Upper Division Integrative Application Course	3	C	
Term hours subtotal:	6		

Term 10 - B 117 - 120 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
 Upper Division Elective	3		
Term hours subtotal:	3		

Hide Course List(s)/Track Group(s)

Integrative Context Course	Integrative Application Course
IDS 310: Integration: Cultural Contexts (C)	IDS 140: The Nature of Knowledge Systems (HU)
IDS 311: Integration: Global Contexts	IDS 302: Integration Skills
IDS 312: Integrative Perspectives on Change	IDS 310: Integration: Cultural Contexts (C)
IDS 313: Integrative Perspectives on a Changing World	IDS 311: Integration: Global Contexts
IDS 314: Integrative Perspectives on Cultural Dynamics (SB)	IDS 312: Integrative Perspectives on Change
IDS 315: Integration: Social Contexts	IDS 313: Integrative Perspectives on a Changing World
IDS 316: Integration: Humanities Contexts	IDS 314: Integrative Perspectives on Cultural Dynamics (SB)
	IDS 315: Integration: Social Contexts
	IDS 316: Integration: Humanities Contexts
	IDS 484: Internship

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.










## 2023 - 2024 Major Map














### Interdisciplinary Studies (Organizational Studies), BA

School/College: [College of Integrative Sciences and Arts](#)

Location: [Online ASU Local](#)

LSORGBIS

Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition ..... ASU 101-CLS: The ASU Experience ..... Elective ..... Term hours subtotal:	3       1   3   7	C              7	<ul style="list-style-type: none"> <li>• Completion of ASU 10 or ASU 11 or ASU 42 is highly recommended prior to beginning your first session of classes at ASU.</li> <li>• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>• Select your <b>career interest communities</b> and play <b>me3@ASU</b>.</li> </ul>
Term 1 - B 7 - 13 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition .....  Mathematics (MA) ( MAT 142 recommended) ..... Term hours subtotal:	3       3   6	C              6	<ul style="list-style-type: none"> <li>• View ASU Online first-time first-year registration information <a href="#">here</a>.</li> </ul>
Term 2 - A 13 - 19 Credit Hours	Hours	Minimum Grade	Notes
Humanities, Arts and Design (HU) ..... Elective ..... Term hours subtotal:	3    3   6	              6	
Term 2 - B 19 - 25 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 Computer/Statistics/Quantitative Applications (CS) ..... Global Awareness (G) ..... Complete ENG 101 OR ENG 105 OR ENG 107 course(s). ..... Term hours subtotal:	3       3   6	              6	
Term 3 - A 25 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 Natural Science - Quantitative (SQ) ..... Elective ..... Term hours subtotal:	4    3   7	              7	<ul style="list-style-type: none"> <li>• Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> </ul>

Term 3 - B 32 - 38 Credit Hours	Hours	Minimum Grade	Notes
Historical Awareness (H)	3		
Elective	3		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	6		
Term 4 - A 38 - 44 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 Social-Behavioral Sciences (SB)	3		
Elective	3		
Term hours subtotal:	6		
Term 4 - B 44 - 51 Credit Hours	Hours	Minimum Grade	Notes
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Elective	3		
Term hours subtotal:	7		
Term 5 - A 51 - 57 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 IDS 300: Theories and Applications of Organizational Studies (L or SB)	3	C	
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	6		
Term 5 - B 57 - 63 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 OGL 340: Special Topics	3	C	
 OGL 343: Social Processes in Organizations (SB)	3	C	
Term hours subtotal:	6		
Term 6 - A 63 - 69 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 OGL 340: Special Topics	3	C	• Use Handshake to research <b>employment opportunities</b> .
 OGL 365: Special Topics	3	C	
Term hours subtotal:	6		
Term 6 - B 69 - 75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 OGL 345: Organizational Ethics (HU)	3	C	
IDS 201: Intellectual Fusion (SB) OR IDS 301: Becoming Interdisciplinary	3	C	
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		
Term 7 - A 75 - 81 Credit Hours	Hours	Minimum Grade	Notes
IDS 400: Interdisciplinary Career Prep	1	C	
Upper Division Elective	2		

Elective	3
Term hours subtotal:	6

Term 7 - B 81 - 87 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ IDS 302: Integration Skills	3	C	<ul style="list-style-type: none"> <li>Gather professional references.</li> <li>Apply for full-time career opportunities.</li> </ul>
★ OGL 365: Special Topics	3	C	
Term hours subtotal:	6		

Term 8 - A 87 - 93 Credit Hours	Hours	Minimum Grade	Notes
OGL 355: Leading Organizational Innovation and Change	3	C	
Elective	3		
Term hours subtotal:	6		

Term 8 - B 93 - 99 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ OGL 350: Diversity and Organizations (L & C)	3	C	<ul style="list-style-type: none"> <li>Explore IDS 401 Integrative Experiential Learning opportunities. Email <a href="mailto:CISA@asu.edu">CISA@asu.edu</a> to begin the process.</li> </ul>
Elective	3		
Term hours subtotal:	6		

Term 9 - A 99 - 105 Credit Hours	Hours	Minimum Grade	Notes
OGL 360: Assessment of Leadership Effectiveness	3	C	
Elective	3		
Term hours subtotal:	6		

Term 9 - B 105 - 111 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ IDS 401: Integration: Experiential Learning	3	C	
Elective	3		
Term hours subtotal:	6		

Term 10 - A 111 - 117 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ OGL 357: Assessment in Organizations	3	C	
★ Upper Division Integrative Context Course	3	C	
Term hours subtotal:	6		

Term 10 - B 117 - 120 Credit Hours	Hours	Minimum Grade	Notes
Elective	3		
Term hours subtotal:	3		

Hide Course List(s)/Track Group(s)

Integrative Context Courses
IDS 310: Integration: Cultural Contexts (C)
IDS 311: Integration: Global Contexts

IDS 312: Integrative Perspectives on Change

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IDS 313: Integrative Perspectives on a Changing World

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IDS 314: Integrative Perspectives on Cultural Dynamics (SB)

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IDS 315: Integration: Social Contexts

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IDS 316: Integration: Humanities Contexts

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IDS 484: Internship

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**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.











## 2023 - 2024 Major Map

### Liberal Studies, BA

School/College: College of Integrative Sciences and Arts

Location: Polytechnic

LABLSBLS

Term 1 0 - 16 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>Students are encouraged to take LST 194 Cultural Monuments in History as their first year elective.</li> <li>Select your <b>career interest communities</b> and play <b>me3@ASU</b>.</li> </ul>
ASU 101-CLS: The ASU Experience	1		
Cultural Diversity in the U.S. (C)	3		
Mathematics (MA) ( MAT 142 recommended)	3		
Complete 2 courses: Elective	6		
Term hours subtotal:	16		
Term 2 16 - 29 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>Join a <b>student club</b> or professional organization.</li> </ul>
Natural Science - Quantitative (SQ)	4		
Complete 2 courses: Elective	6		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	13		
Term 3 29 - 44 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
Global Awareness (G)	3		<ul style="list-style-type: none"> <li>Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> </ul>
Historical Awareness (H)	3		
Complete 3 courses: Elective	9		
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	15		
Term 4 44 - 60 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 Computer/Statistics/Quantitative Applications (CS)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		



Complete 3 courses: 9  
 Elective

Term hours subtotal: 16

Term 5 60 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ LST 370: Dimensions of Liberal Studies (L or HU)	3	C	<ul style="list-style-type: none"> <li>Students should consult the <a href="#">CISA liberal studies</a> website for a list of recommended HU and SB courses.</li> </ul>
★ Upper Division Humanities, Arts and Design (HU)	3	C	
★ Upper Division Social-Behavioral Sciences (SB)	3	C	
Complete 2 courses:	6		
Elective			
Term hours subtotal:		15	

Term 6 75 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Humanities, Arts and Design (HU)	3	C	<ul style="list-style-type: none"> <li>Use Handshake to research <a href="#">employment opportunities</a>.</li> <li>Students should consult the <a href="#">CISA liberal studies</a> website for a list of recommended HU and SB courses.</li> </ul>
★ Upper Division Social-Behavioral Sciences (SB)	3	C	
Literacy and Critical Inquiry (L)	3		
Upper Division Elective	3		
Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:		15	

Term 7 90 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ LST 470: Liberal Studies Seminar	3	C	<ul style="list-style-type: none"> <li>Gather <a href="#">professional references</a>.</li> <li>Apply for <a href="#">full-time career opportunities</a>.</li> <li>Students should consult the <a href="#">CISA liberal studies</a> website for a list of recommended HU and SB courses.</li> </ul>
★ Upper Division Humanities, Arts and Design (HU)	3	C	
★ Upper Division Social-Behavioral Sciences (SB)	3	C	
LST 484: Internship OR Upper Division Elective	3		
Elective	3		
Term hours subtotal:		15	

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Humanities, Arts and Design (HU)	3	C	<ul style="list-style-type: none"> <li>Students should consult the <a href="#">CISA liberal studies</a> website for a list of recommended HU and SB courses.</li> </ul>
★ Upper Division Social-Behavioral Sciences (SB)	3	C	
Complete 3 courses:	9		
Upper Division Elective			
Term hours subtotal:		15	

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's

first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>

- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map
















### Liberal Studies, BA

School/College: [College of Integrative Sciences and Arts](#)

Location: [Online ASU Local](#)

LABLSBLS

Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>• Completion of ASU 10 or ASU 11 or ASU 42 is highly recommended prior to beginning your first session of classes at ASU.</li> <li>• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>• Select your <b>career interest communities</b> and play <b>me3@ASU</b>.</li> </ul>
ASU 101-CLS: The ASU Experience	1		
Elective	3		
Term hours subtotal:	7		
Term 1 - B 7 - 13 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>• View ASU Online first-year student registration information <a href="#">here</a>.</li> </ul>
Elective	3		
Term hours subtotal:	6		
Term 2 - A 13 - 19 Credit Hours	Hours	Minimum Grade	Notes
Mathematics (MA) ( MAT 142 recommended)	3		
Elective	3		
Term hours subtotal:	6		
Term 2 - B 19 - 25 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 Global Awareness (G)	3		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	6		
Term 3 - A 25 - 32 Credit Hours	Hours	Minimum Grade	Notes
Natural Science - Quantitative (SQ)	4		<ul style="list-style-type: none"> <li>• Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> </ul>
Elective	3		
Term hours subtotal:	7		
		Minimum	

Term 3 - B 32 - 38 Credit Hours <b>Critical course signified by</b> 	Hours	Grade	Notes
Historical Awareness (H)	3		
Elective	3		
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	6		
Term 4 - A 38 - 45 Credit Hours	Hours	Minimum Grade	Notes
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Elective	3		
Term hours subtotal:	7		
Term 4 - B 45 - 51 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 Computer/Statistics/Quantitative Applications (CS)	3		
Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	6		
Term 5 - A 51 - 57 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses:			
Elective	6		
Term hours subtotal:	6		
Term 5 - B 57 - 63 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 LST 370: Dimensions of Liberal Studies (L or HU)	3	C	
 Upper Division Humanities, Arts and Design (HU)	3	C	
Term hours subtotal:	6		<ul style="list-style-type: none"> <li>Students should consult the <a href="#">CISA liberal studies</a> website for a list of recommended HU and SB courses.</li> </ul>
Term 6 - A 63 - 69 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 Upper Division Humanities, Arts and Design (HU)	3	C	
 Upper Division Social-Behavioral Sciences (SB)	3	C	
Term hours subtotal:	6		
Term 6 - B 69 - 75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 Upper Division Social-Behavioral Sciences (SB)	3	C	
Upper Division Elective	3		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		<ul style="list-style-type: none"> <li>Use Handshake to research <a href="#">employment opportunities</a>.</li> <li>Students should consult the <a href="#">CISA liberal studies</a> website for a list of recommended HU and SB courses.</li> </ul>
Term 7 - A 75 - 81 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
Literacy and Critical Inquiry (L)	3		
 Upper Division Humanities, Arts and Design (HU)	3	C	
Term hours subtotal:	6		

Term 7 - B 81 - 87 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Upper Division Humanities, Arts and Design (HU)	3	C	<ul style="list-style-type: none"> <li>Students should consult the <a href="#">CISA liberal studies</a> website for a list of recommended HU and SB courses.</li> </ul>
★ Upper Division Social-Behavioral Sciences (SB)	3	C	
Term hours subtotal:	6		

Term 8 - A 87 - 93 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Upper Division Social-Behavioral Sciences (SB)	3	C	
Elective	3		
Term hours subtotal:	6		

Term 8 - B 93 - 99 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Upper Division Elective	3		<ul style="list-style-type: none"> <li>Gather <a href="#">professional references</a>.</li> <li>Apply for <a href="#">full-time career opportunities</a>.</li> <li>Students should consult the <a href="#">CISA liberal studies</a> website for a list of recommended HU and SB courses.</li> </ul>
Elective	3		
Term hours subtotal:	6		

Term 9 - A 99 - 105 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Upper Division Elective	3		
Elective	3		
Term hours subtotal:	6		

Term 9 - B 105 - 111 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ LST 470: Liberal Studies Seminar	3	C	
Elective	3		
Term hours subtotal:	6		

Term 10 - A 111 - 117 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	6		

Term 10 - B 117 - 120 Credit Hours	Hours	Minimum Grade	Notes
Elective	3		
Term hours subtotal:	3		

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's

first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>

- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

## 2023 - 2024 Major Map

### Military Studies, AA

School/College: [College of Integrative Sciences and Arts](#)

Location: [Online](#)

LSMILSTAA

Term 1 - A 0 - 4 Credit Hours	Hours	Minimum Grade	Notes
ASU 101-CLS: The ASU Experience	1		
IDS 150: Introduction to Military Studies	3	C	
Term hours subtotal:	4		
Term 1 - B 4 - 7 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	3		
Term 2 - A 7 - 10 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	3		
Term 2 - B 10 - 13 Credit Hours	Hours	Minimum Grade	Notes
USNCC NAV 101 OR PHI 105: Intro to Ethics (HU)	3	C	
Term hours subtotal:	3		<ul style="list-style-type: none"> <li>• USNCC NAV 101: Naval Ethics and Leadership satisfies PHI 105</li> <li>• Contact USNCC regarding the applicability of transfer credit to USNCC requirements.</li> </ul>
Summer 2 13 - 16 Credit Hours	Hours	Minimum Grade	Notes
USNCC NAV 102 OR HST Elective	3	C	
Term hours subtotal:	3		<ul style="list-style-type: none"> <li>• USNCC NAV 102: Modern Naval History satisfies HST elective</li> <li>• Contact USNCC regarding the applicability of transfer credit to USNCC requirements.</li> </ul>
Term 3 - A 16 - 19 Credit Hours	Hours	Minimum Grade	Notes
Mathematics (MA) ( MAT 142 recommended)	3		
Term hours subtotal:	3		
Term 3 - B 19 - 22 Credit Hours	Hours	Minimum Grade	Notes

USNCC NAV 103 OR <b>Elective</b>	3
Term hours subtotal:	3

- USNCC NAV 103: Naval Force Design and Concepts satisfies Elective
- Contact USNCC regarding the applicability of transfer credit to USNCC requirements.

Term 4 - A 22 - 25 Credit Hours	Hours	Minimum Grade	Notes
HST 101: Global History Since 1500 (HU & H & G)	3	C	
Term hours subtotal:	3		

Term 4 - B 25 - 28 Credit Hours	Hours	Minimum Grade	Notes
USNCC NAV 104 OR POS 110: American Government and Politics (SB)	3	C	
Term hours subtotal:	3		

- USNCC NAV 104: Civilian/Military Organization and Policy satisfies POS 110
- Contact USNCC regarding the applicability of transfer credit to USNCC requirements.

Summer 4 28 - 32 Credit Hours	Hours	Minimum Grade	Notes
Natural Science - Quantitative (SQ) ( BIO 130 OR SES 106 recommended)	4		
Term hours subtotal:	4		

Term 5 - A 32 - 35 Credit Hours	Hours	Minimum Grade	Notes
USNCC NAV 105 OR POS 160: Global Politics (SB & G)	3	C	
Term hours subtotal:	3		

- USNCC NAV 105: Introduction to Geopolitical Environment satisfies POS 160. NAV 105 must be taken at USNCC to satisfy USNCC certificate requirements.

Term 5 - B 35 - 38 Credit Hours	Hours	Minimum Grade	Notes
Computer/Statistics/Quantitative Applications (CS) ( CSE 180 recommended)	3		
Term hours subtotal:	3		

Term 6 - A 38 - 42 Credit Hours	Hours	Minimum Grade	Notes
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	4		

Term 6 - B 42 - 45 Credit Hours	Hours	Minimum Grade	Notes
MCO 427: Misinformation and Society	3	C	
Term hours subtotal:	3		

Summer 6 45 - 48 Credit Hours	Hours	Minimum Grade	Notes
Cultural Diversity in the U.S. (C) ( COM 263 OR COM 302 OR HSC 210 recommended)	3		
Term hours subtotal:	3		

Term 7 - A 48 - 51 Credit Hours	Hours	Minimum Grade	Notes
POS 361: American Foreign Policy (SB & G)	3	C	



Term hours subtotal: 3

Term 7 - B 51 - 54 Credit Hours	Hours	Minimum Grade	Notes
Military Studies Elective	3	C	• Military Studies Electives are listed at the bottom of the map.
Term hours subtotal:	3		

Term 8 - A 54 - 57 Credit Hours	Hours	Minimum Grade	Notes
Military Studies Elective	3	C	• Military Studies Electives are listed at the bottom of the map.
Term hours subtotal:	3		

Term 8 - B 57 - 60 Credit Hours	Hours	Minimum Grade	Notes
IDS 350: Military Studies Interdisciplinary Capstone (L)	3	C	
Term hours subtotal:	3		

Hide Course List(s)/Track Group(s)

- Military Studies Electives
- HST 303: China, Japan & East Asia in World History
- HST 304: Stalin to Putin
- HST 372: Modern Middle East (SB & G & H)
- JUS 374: The Holocaust, Genocide, and Human Rights
- PAF 469: Terrorism Defense
- POS 300: Contemporary Global Controversies (SB & G)
- POS 364: National Security, Intelligence, and Terrorism (SB)
- POS 368: Ethics and Human Rights
- POS 465: International Organization and Law (SB & G)
- REL 366: Islam in the Modern World (HU & G)
- REL 379: Religion, Nationalism, and Ethnic Conflict (HU & G)
- SGS 303: Global Trends (SB & G)
- SGS 350: Economic Development and Globalization
- SGS 370: Geopolitics

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown

Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit:

<https://cisa.asu.edu/DSP>

- Mathematics Placement Assessment score determines placement in first mathematics course.

## 2023 - 2024 Major Map

### Organizational Leadership, AA

School/College: [College of Integrative Sciences and Arts](#)

Location: [Online](#)

LSORGLAA

Term 1 - A 0 - 4 Credit Hours	Hours	Minimum Grade	Notes
ASU 101-CLS: The ASU Experience	1		
OGL 220: Behavioral Dynamics in Organizations (SB)	3	C	
Term hours subtotal:	4		
Term 1 - B 4 - 7 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	3		
Term 2 - A 7 - 10 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	3		
Term 2 - B 10 - 13 Credit Hours	Hours	Minimum Grade	Notes
USNCC NAV 101 OR PHI 105: Intro to Ethics (HU)	3	C	
Term hours subtotal:	3		<ul style="list-style-type: none"> <li>• USNCC NAV 101: Naval Ethics and Leadership satisfies PHI 105</li> <li>• Contact USNCC regarding the applicability of transfer credit to USNCC requirements.</li> </ul>
Summer 2 13 - 16 Credit Hours	Hours	Minimum Grade	Notes
USNCC NAV 102 OR HST Elective	3	C	
Term hours subtotal:	3		<ul style="list-style-type: none"> <li>• USNCC NAV 102: Modern Naval History satisfies HST elective</li> <li>• Contact USNCC regarding the applicability of transfer credit to USNCC requirements.</li> </ul>
Term 3 - A 16 - 19 Credit Hours	Hours	Minimum Grade	Notes
Mathematics (MA) ( MAT 142 recommended)	3		
Term hours subtotal:	3		
Term 3 - B 19 - 22 Credit Hours	Hours	Minimum Grade	Notes

USNCC NAV 103 OR Elective	3
Term hours subtotal:	3

- USNCC NAV 103: Naval Force Design and Concepts satisfies Elective
- Contact USNCC regarding the applicability of transfer credit to USNCC requirements.

Term 4 - A 22 - 25 Credit Hours	Hours	Minimum Grade	Notes
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OGI 200: Introduction to Organizational Leadership (SB)	3	C
Term hours subtotal:	3	

Term 4 - B 25 - 28 Credit Hours	Hours	Minimum Grade	Notes
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USNCC NAV 104 OR POS 110: American Government and Politics (SB)	3	C
Term hours subtotal:	3	

- USNCC NAV 104: Civilian/Military Organization and Policy satisfies POS 110
- Contact USNCC regarding the applicability of transfer credit to USNCC requirements.

Summer 4 28 - 32 Credit Hours	Hours	Minimum Grade	Notes
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Natural Science - Quantitative (SQ) ( BIO 130 recommended)	4	
Term hours subtotal:	4	

Term 5 - A 32 - 35 Credit Hours	Hours	Minimum Grade	Notes
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USNCC NAV 105 OR POS 160: Global Politics (SB & G)	3	C
Term hours subtotal:	3	

- USNCC NAV 105: Introduction to Geopolitical Environment satisfies POS 160. NAV 105 must be taken at USNCC to satisfy USNCC certificate requirements.

Term 5 - B 35 - 38 Credit Hours	Hours	Minimum Grade	Notes
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Computer/Statistics/Quantitative Applications (CS) ( CSE 180 recommended)	3	
Term hours subtotal:	3	

Term 6 - A 38 - 42 Credit Hours	Hours	Minimum Grade	Notes
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Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4	
Term hours subtotal:	4	

Term 6 - B 42 - 45 Credit Hours	Hours	Minimum Grade	Notes
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OGI 260: Resource Allocation in Organizations	3	C
Term hours subtotal:	3	

Summer 6 45 - 48 Credit Hours	Hours	Minimum Grade	Notes
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OGI 300: Theory and Practice of Leadership	3	C
Term hours subtotal:	3	

Term 7 - A 48 - 51 Credit Hours	Hours	Minimum Grade	Notes
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COM 302: Representations and Self-Representations of Veterans in the Media and the Arts (H & C)	3	C
Term hours subtotal:	3	

Term 7 - B 51 - 54 Credit Hours	Hours	Minimum Grade	Notes
OGL 345: Organizational Ethics (HU)	3	C	
Term hours subtotal:	3		
Term 8 - A 54 - 57 Credit Hours	Hours	Minimum Grade	Notes
OGL 355: Leading Organizational Innovation and Change	3	C	
Term hours subtotal:	3		
Term 8 - B 57 - 60 Credit Hours	Hours	Minimum Grade	Notes
OGL 381: Organizational Leadership Capstone	3	C	
Term hours subtotal:	3		

Hide Course List(s)/Track Group(s)

**Notes:**











- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
  - Mathematics Placement Assessment score determines placement in first mathematics course.

## 2023 - 2024 Major Map

### Organizational Leadership, BA

School/College: College of Integrative Sciences and Arts

Location: Polytechnic, ASU at Cochise, ASU at Lake Havasu, ASU at Pima, ASU at Pinal, ASU at The Gila Valley, ASU at Yuma, ASU at Yavapai  
LSORGLBA

Term 1 0 - 16 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
<ul style="list-style-type: none"> <li>ENG 101 or ENG 102: First-Year Composition OR</li> <li> ENG 105: Advanced First-Year Composition OR</li> <li>ENG 107 or ENG 108: First-Year Composition</li> </ul>	3	C	<ul style="list-style-type: none"> <li>• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>• Select your <b>career interest communities</b> and play <b>me3@ASU</b>.</li> </ul>
<ul style="list-style-type: none"> <li> Mathematics (MA)</li> </ul>	3		
ASU 101-CLS: The ASU Experience	1		
Humanities, Arts and Design (HU)	3		
Complete 2 courses:	6		
Elective			
Term hours subtotal:	16		
Term 2 16 - 29 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
<ul style="list-style-type: none"> <li>ENG 101 or ENG 102: First-Year Composition OR</li> <li> ENG 105: Advanced First-Year Composition OR</li> <li>ENG 107 or ENG 108: First-Year Composition</li> </ul>	3	C	<ul style="list-style-type: none"> <li>• Join a <b>student club</b> or professional organization.</li> </ul>
Global Awareness (G)	3		
Natural Science - Quantitative (SQ)	4		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	13		
Term 3 29 - 44 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 OGL 200: Introduction to Organizational Leadership (SB)	3	C	<ul style="list-style-type: none"> <li>• Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> </ul>
 OGL 220: Behavioral Dynamics in Organizations (SB)	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Historical Awareness (H)	3		
Elective	3		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	15		
Term 4 44 - 60 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 OGL 260: Resource Allocation in Organizations	3	C	

PMG 240: Introduction to Project Management	3	C
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4	
Complete 2 courses: Elective	6	
Term hours subtotal:	16	

Term 5 60 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ OGL 300: Theory and Practice of Leadership	3	C	
★ OGL 343: Social Processes in Organizations (SB)	3	C	
OGL 340: Special Topics	3	C	
OGL 365: Special Topics	3	C	
Upper Division Elective	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ OGL 345: Organizational Ethics (HU)	3	C	<ul style="list-style-type: none"> <li>• Use Handshake to research <b>employment opportunities</b>.</li> <li>• Consider additional OGL 340 Topics courses to fill elective credits (beyond the six required credits).</li> </ul>
★ OGL 350: Diversity and Organizations (L & C)	3	C	
★ OGL 355: Leading Organizational Innovation and Change	3	C	
OGL 340: Special Topics	3	C	
Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ OGL 481: Organizational Leadership Pro-Seminar I	3	C	<ul style="list-style-type: none"> <li>• Gather <b>professional references</b>.</li> <li>• Apply for <b>full-time career opportunities</b>.</li> <li>• Any upper division 3** or 4** OGL course will satisfy the OGL elective requirement.</li> <li>• Students may take no more than 3 credit hours of OGL 484.</li> </ul>
OGL 357: Assessment in Organizations OR OGL 360: Assessment of Leadership Effectiveness	3	C	
OGL 365: Special Topics	3	C	
OGL 3** Elective OR OGL 4** Elective	3	C	
OGL 484: Internship OR Elective	3		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ OGL 482: Organizational Leadership Pro-Seminar II (L)	3	C	<ul style="list-style-type: none"> <li>• Any upper division 3** or 4** OGL course will satisfy the OGL elective requirement.</li> </ul>
OGL 3** Elective OR OGL 4** Elective	3	C	
Complete 3 courses: Elective	9		
Term hours subtotal:	15		

Hide Course List(s)/Track Group(s)

Notes:

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- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map

### Organizational Leadership, BA




School/College: [College of Integrative Sciences and Arts](#)




Location: [Online ASU Local](#)



LSORGLBA



#### **FT** Fast Track Options: 3 Year

A student must speak with an advisor in order to be added to a fast track plan.

Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>• Completion of ASU 10 or ASU 11 or ASU 42 is highly recommended prior to beginning your first session of classes at ASU.</li> <li>• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>• Select your <b>career interest communities</b> and play <a href="mailto:me3@asu.edu">me3@ASU</a>.</li> </ul>
ASU 101-CLS: The ASU Experience	1		
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	7		



Term 1 - B 7 - 13 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>• View ASU Online first-year student registration information <a href="#">here</a>.</li> </ul>
Elective	3		
Term hours subtotal:	6		

Term 2 - A 13 - 19 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 Mathematics (MA) ( MAT 142 recommended)	3		
Elective	3		
Term hours subtotal:	6		



Term 2 - B 19 - 25 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 OGL 200: Introduction to Organizational Leadership (SB)	3	C	
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	6		

Term 3 - A 25 - 31 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
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 OGL 220: Behavioral Dynamics in Organizations (SB)	3	C
Elective	3	
Term hours subtotal:	6	



Term 3 - B 31 - 38 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 Natural Science - Quantitative (SQ)	4		<ul style="list-style-type: none"> <li>Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> </ul>
Elective	3		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	7		

Term 4 - A 38 - 44 Credit Hours	Hours	Minimum Grade	Notes
PMG 240: Introduction to Project Management	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Term hours subtotal:	6		


Term 4 - B 44 - 50 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 OGL 260: Resource Allocation in Organizations	3	C	
Global Awareness (G)	3		
Term hours subtotal:	6		

Term 5 - A 50 - 57 Credit Hours	Hours	Minimum Grade	Notes
Historical Awareness (H)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	7		

Term 5 - B 57 - 63 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 OGL 300: Theory and Practice of Leadership	3	C	<ul style="list-style-type: none"> <li>Consider OGL 340 Special Topics courses for upper division electives (beyond the six credits required).</li> </ul>
OGL 340: Special Topics	3	C	
Term hours subtotal:	6		

Term 6 - A 63 - 69 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 OGL 340: Special Topics	3	C	
 OGL 343: Social Processes in Organizations (SB)	3	C	
Term hours subtotal:	6		

Term 6 - B 69 - 75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 OGL 345: Organizational Ethics (HU)	3	C	
Upper Division Elective	3		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 75 - 81 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
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★ OGL 350: Diversity and Organizations (L & C)	3	C
.....	.....	.....
OGL 3** Elective OR OGL 4** Elective	3	C
.....	.....	.....
Term hours subtotal:	6	

- Any upper division 3\*\* or 4\*\* OGL course will satisfy the OGL elective requirement.

Term 7 - B 81 - 87 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ OGL 355: Leading Organizational Innovation and Change	3	C
.....	.....	.....
Elective	3	
.....	.....	.....
Term hours subtotal:	6	

- Use Handshake to research employment opportunities.

Term 8 - A 87 - 93 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ OGL 365: Special Topics	3	C
.....	.....	.....
Elective	3	
.....	.....	.....
Term hours subtotal:	6	

Term 8 - B 93 - 99 Credit Hours	Hours	Minimum Grade	Notes
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OGL 357: Assessment in Organizations OR OGL 360: Assessment of Leadership Effectiveness	3	C
.....	.....	.....
Elective	3	
.....	.....	.....
Term hours subtotal:	6	

- Gather professional references.
- Apply for full-time career opportunities.

Term 9 - A 99 - 105 Credit Hours	Hours	Minimum Grade	Notes
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OGL 3** Elective OR OGL 4** Elective	3	C
.....	.....	.....
Elective	3	
.....	.....	.....
Term hours subtotal:	6	

- Any any upper division 3\*\* or 4\*\* OGL course will satisfy the OGL elective requirement.

Term 9 - B 105 - 111 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ OGL 365: Special Topics	3	C
.....	.....	.....
Elective	3	
.....	.....	.....
Term hours subtotal:	6	

Term 10 - A 111 - 117 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ OGL 481: Organizational Leadership Pro-Seminar I	3	C
.....	.....	.....
Elective OR OGL 484: Internship	3	
.....	.....	.....
Term hours subtotal:	6	

Term 10 - B 117 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ OGL 482: Organizational Leadership Pro-Seminar II (L)	3	C
.....	.....	.....
Term hours subtotal:	3	

Hide Course List(s)/Track Group(s)

Notes:

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- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.











## 2023 - 2024 Major Map

### Organizational Leadership (Project Management), BA

School/College: College of Integrative Sciences and Arts

Location: Polytechnic, Tempe, ASU at Cochise, ASU at Pima, ASU at Pinal, ASU at The Gila Valley, ASU at Yavapai

LSORGLPMBA

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
<ul style="list-style-type: none"> <li>ENG 101 or ENG 102: First-Year Composition OR</li> <li> ENG 105: Advanced First-Year Composition OR</li> <li>ENG 107 or ENG 108: First-Year Composition</li> </ul>	3	C	<ul style="list-style-type: none"> <li>• ASU 101 or college-specific equivalent First-Year Seminar is required for all first-year students.</li> <li>• Select your <b>career interest communities</b> and play <b>me3@ASU</b>.</li> </ul>
ASU 101-CLS: The ASU Experience	1		
Humanities, Arts and Design (HU)	3		
Mathematics (MA)	3		
Complete 2 courses:	6		
Elective			
Term hours subtotal:	16		
Term 2 16 - 29 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
<ul style="list-style-type: none"> <li>ENG 101 or ENG 102: First-Year Composition OR</li> <li> ENG 105: Advanced First-Year Composition OR</li> <li>ENG 107 or ENG 108: First-Year Composition</li> </ul>	3	C	<ul style="list-style-type: none"> <li>• Join a <b>student club</b> or professional organization.</li> </ul>
 OGL 200: Introduction to Organizational Leadership (SB)	3	C	
Global Awareness (G)	3		
Natural Science - Quantitative (SQ)	4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	13		
Term 3 29 - 44 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
<ul style="list-style-type: none"> <li> OGL 220: Behavioral Dynamics in Organizations (SB)</li> </ul>	3	C	<ul style="list-style-type: none"> <li>• Secure a <b>part-time job</b> or volunteer experience.</li> </ul>
Computer/Statistics/Quantitative Applications (CS)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Complete 2 courses:	6		
Elective			
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	15		
Term 4 44 - 60 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
<ul style="list-style-type: none"> <li> PMG 240: Introduction to Project Management</li> </ul>	3	C	
Literacy and Critical Inquiry (L)	3		

Natural Science - General (SG) OR Natural Science - Quantitative (SQ) 4

Complete 2 courses:  
Elective 6

Term hours subtotal: 16

Term 5 60 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ OGL 300: Theory and Practice of Leadership	3	C	
★ OGL 345: Organizational Ethics (HU)	3	C	
OGL 340: Special Topics	3	C	
OGL 343: Social Processes in Organizations (SB) OR OGL 355: Leading Organizational Innovation and Change	3	C	
Elective	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ OGL 350: Diversity and Organizations (L & C)	3	C	• Use Handshake to research employment opportunities.
PMG 321: Project Leadership, Strategy and Scope	3	C	
PMG 322: Project Schedule Management	3	C	
PMG 323: Project Cost Management	3	C	
PMG 324: Resources in Project Management	3	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ PMG 326: Project Procurement Management	3	C	• Gather professional references. • Apply for full-time career opportunities. • Consider additional OGL 340 topics courses to fill elective credits (beyond the six required credits).
OGL 357: Assessment in Organizations OR OGL 360: Assessment of Leadership Effectiveness	3	C	
OGL 484: Internship OR Elective	3		
PMG 421: Project Risk Management	3	C	
PMG 422: Project Quality Management	3	C	
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ OGL 481: Organizational Leadership Pro-Seminar I	3	C	• Consider additional OGL 340 topics courses to fill elective credits (beyond the six required credits).
OGL 340: Special Topics	3	C	
Complete 3 courses: Elective	9		
Term hours subtotal:	15		

Hide Course List(s)/Track Group(s)

Notes:

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- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.









## 2023 - 2024 Major Map

### Organizational Leadership (Project Management), BA

School/College: [College of Integrative Sciences and Arts](#)

Location: [Online ASU Local](#)

LSORGLPMBA

Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>• Completion of ASU 10 or ASU 11 or ASU 42 is highly recommended prior to beginning your first session of classes at ASU.</li> <li>• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>• Select your <b>career interest communities</b> and play <b>me3@ASU</b>.</li> </ul>
ASU 101-CLS: The ASU Experience	1		
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	7		
Term 1 - B 7 - 13 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>• View ASU Online first-year student registration information <a href="#">here</a>.</li> </ul>
Elective	3		
Term hours subtotal:	6		
Term 2 - A 13 - 19 Credit Hours	Hours	Minimum Grade	Notes
Mathematics (MA) ( MAT 142 recommended)	3		
Elective	3		
Term hours subtotal:	6		
Term 2 - B 19 - 25 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 OGL 200: Introduction to Organizational Leadership (SB)	3	C	
Literacy and Critical Inquiry (L)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	6		
Term 3 - A 25 - 31 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 OGL 220: Behavioral Dynamics in Organizations (SB)	3	C	
Elective	3		
Term hours subtotal:	6		



Term 3 - B 31 - 38 Credit Hours <b>Critical course signified by</b> ⚠️	Hours	Minimum Grade	Notes
Natural Science - Quantitative (SQ)	4		• Secure a <b>part-time job</b> or <b>volunteer experience</b> .
Elective	3		
⚠️ Complete Mathematics (MA) requirement.			
Term hours subtotal:	7		
Term 4 - A 38 - 44 Credit Hours <b>Critical course signified by</b> ⚠️	Hours	Minimum Grade	Notes
⚠️ PMG 240: Introduction to Project Management	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Term hours subtotal:	6		
Term 4 - B 44 - 50 Credit Hours	Hours	Minimum Grade	Notes
Global Awareness (G)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	6		
Term 5 - A 50 - 57 Credit Hours	Hours	Minimum Grade	Notes
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Elective	3		
Term hours subtotal:	7		
Term 5 - B 57 - 63 Credit Hours <b>Necessary course signified by</b> ⭐	Hours	Minimum Grade	Notes
⭐ OGL 300: Theory and Practice of Leadership	3	C	
⭐ PMG 321: Project Leadership, Strategy and Scope	3	C	
Term hours subtotal:	6		
Term 6 - A 63 - 69 Credit Hours <b>Necessary course signified by</b> ⭐	Hours	Minimum Grade	Notes
⭐ OGL 340: Special Topics	3	C	
PMG 322: Project Schedule Management	3	C	
Term hours subtotal:	6		
Term 6 - B 69 - 75 Credit Hours <b>Necessary course signified by</b> ⭐	Hours	Minimum Grade	Notes
⭐ OGL 340: Special Topics	3	C	
⭐ OGL 345: Organizational Ethics (HU)	3	C	
⭐ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		
Term 7 - A 75 - 81 Credit Hours	Hours	Minimum Grade	Notes
PMG 323: Project Cost Management	3	C	
PMG 324: Resources in Project Management	3	C	
Term hours subtotal:	6		

Term 7 - B 81 - 87 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ OGL 350: Diversity and Organizations (L & C)	3	C	• Use Handshake to research <b>employment opportunities</b> .
PMG 326: Project Procurement Management	3	C	
Term hours subtotal:	6		

Term 8 - A 87 - 93 Credit Hours	Hours	Minimum Grade	Notes
PMG 421: Project Risk Management	3	C	• Consider OGL 340 Special Topics courses for upper-division electives (beyond the six credits required).
Elective	3		
Term hours subtotal:	6		

Term 8 - B 93 - 99 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ PMG 422: Project Quality Management	3	C	• Gather <b>professional references</b> . • Apply for <b>full-time career opportunities</b> .
Elective	3		
Term hours subtotal:	6		

Term 9 - A 99 - 105 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ OGL 343: Social Processes in Organizations (SB) OR OGL 355: Leading Organizational Innovation and Change	3	C	
Elective	3		
Term hours subtotal:	6		

Term 9 - B 105 - 111 Credit Hours	Hours	Minimum Grade	Notes
OGL 357: Assessment in Organizations OR OGL 360: Assessment of Leadership Effectiveness	3	C	
Elective	3		
Term hours subtotal:	6		

Term 10 - A 111 - 117 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ OGL 481: Organizational Leadership Pro-Seminar I	3	C	
Elective	3		
Term hours subtotal:	6		

Term 10 - B 117 - 120 Credit Hours	Hours	Minimum Grade	Notes
OGL 484: Internship OR Elective	3		
Term hours subtotal:	3		

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's

first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>

- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.










## 2023 - 2024 Major Map

### Organizational Leadership (Veterans, Society and Service), BA

School/College: College of Integrative Sciences and Arts

Location: Tempe

LSORGLVSBA

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar is required for all first-year students.</li> <li>Select your <b>career interest communities</b> and play <b>me3@ASU</b>.</li> <li>OGL 194 Special Topic: Self-Leadership and Productivity is highly recommended.</li> </ul>
ASU 101-CLS: The ASU Experience	1		
Humanities, Arts and Design (HU)	3		
Mathematics (MA)	3		
Elective ( OGL 194 recommended)	3		
Elective	3		
Term hours subtotal:	16		
Term 2 16 - 29 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>Join a <b>student club</b> or professional organization.</li> </ul>
Global Awareness (G)	3		
Natural Science - Quantitative (SQ)	4		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	13		
Term 3 29 - 44 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 OGL 200: Introduction to Organizational Leadership (SB)	3	C	<ul style="list-style-type: none"> <li>Secure a <b>part-time job</b> or volunteer experience.</li> </ul>
Computer/Statistics/Quantitative Applications (CS)	3		
Humanities, Arts and Design (HU)	3		
Literacy and Critical Inquiry (L)	3		
Elective	3		
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	15		
Term 4 44 - 60 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 OGL 220: Behavioral Dynamics in Organizations (SB)	3	C	

Natural Science - General (SG) OR Natural Science - Quantitative (SQ) 4

Complete 3 courses:  
Elective 9

Term hours subtotal: 16

Term 5 60 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ OGL 300: Theory and Practice of Leadership	3	C	
★ OGL 345: Organizational Ethics (HU)	3	C	
OGL 340: Special Topics	3	C	
OGL 343: Social Processes in Organizations (SB) OR OGL 355: Leading Organizational Innovation and Change	3	C	
PMG 320: Project Approaches	3	C	

Term hours subtotal: 15

Term 6 75 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ OGL 350: Diversity and Organizations (L & C)	3	C	
VTS 301: Experience of America's Modern Wars (H)	3	C	
VTS 302: Representations and Self-Representations of Veterans in the Media and the Arts (H & C)	3	C	
Upper Division Veterans, Society and Service Elective	3	C	
OGL Elective	3	C	

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 15

- Upper Division Veterans, Society and Service Elective is chosen from list at bottom of major map.
- Use Handshake to research employment opportunities.

Term 7 90 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ Complete 2 courses: Upper Division Veterans, Society and Service Elective	6	C	
OGL 357: Assessment in Organizations OR OGL 360: Assessment of Leadership Effectiveness	3	C	
OGL 484: Internship OR Elective	3		
VTS 402: Undergraduate Research	3	C	

Term hours subtotal: 15

- Gather professional references.
- Apply for full-time career opportunities.
- Upper Division Veterans, Society and Service Electives are chosen from list at bottom of major map.
- Consider additional OGL 340 topics courses to fill elective credits (beyond the six required credits).

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ OGL 481: Organizational Leadership Pro-Seminar I	3	C	
OGL 340: Special Topics	3	C	
Complete 3 courses: Elective	9		

Term hours subtotal: 15

- Consider additional OGL 340 topics courses to fill elective credits (beyond the six required credits).

Hide Course List(s)/Track Group(s)

Veterans, Society and Service Electives

COM 420: Rhetoric and Community  
Advocacy

FAS 410: Military Family Systems in a  
Democracy

FMS 427: Identity and World Film (C)

GRK 346: Ancient Greece II: Late Classical  
and Hellenistic Period (SB & H) or HST 346:  
Ancient Greece II: Late Classical and  
Hellenistic Period (SB & H) or SLC 346:  
Ancient Greece II: Late Classical and  
Hellenistic Period (SB & H)

HCR 494: Fundamentals of Healthcare for  
Veterans

HST 302: War and Political Thought

HST 302: Women, War and Peace

HST 306: World War II

HST 340: American Military History (SB &  
H)

HST 355: Total War and the Crisis of  
Modernity (SB & G & H)

HST 372: Modern Middle East (SB & G & H)

HST 456: The Vietnam War (SB & G & H)

IAP 307: Art and War (HU & G)

MCO 494: War and Media

POS 378: Religion, War and Peace (L) or REL  
378: Religion, War and Peace (L)

SGS 394: Gender and Armed Conflict

SOC 352: Social Change (SB & G & H)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)

**Total Community College Hrs:** 64 maximum

- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.









## 2023 - 2024 Major Map

### Political Science, BS



School/College: College of Integrative Sciences and Arts



Location: Polytechnic




LSPOLBS



Term 1 0 - 16 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 POS 110: American Government and Politics (SB) OR POS 310: American National Government (SB)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>Select your <b>career interest communities</b> and play <b>me3@ASU</b>.</li> <li>Students beginning their college experience at ASU will take POS 110 to fulfill the introduction course requirement. Students who transfer to ASU with more than 45 credit hours will take POS 310 to fulfill this requirement.</li> </ul>
ASU 101-CLS: The ASU Experience	1	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Related Area Course	3	C	
Mathematics (MA)	3		
Elective	3		
Term hours subtotal:	16		
Term 2 16 - 31 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 POS 150: Comparative Government (SB & G) OR POS 160: Global Politics (SB & G)	3	C	<ul style="list-style-type: none"> <li>Related Area Courses: Any course from the subjects in the list below will apply to the Related Area requirement.</li> <li>Visit the <b>Career and Professional Development Center</b> to identify networking opportunities and to seek career planning assistance.</li> <li>Join a <b>student club</b> or professional organization.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Related Area Course	3	C	
Cultural Diversity in the U.S. (C)	3		
Humanities, Arts and Design (HU)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		
Term 3 31 - 47 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 POS 210: Political Ideologies (SB)	3	C	<ul style="list-style-type: none"> <li>Related Area Courses: Any course from the subjects in the list below will apply to the Related Area requirement.</li> <li>The electives in this degree program allow room for students to complete a <b>minor or certificate</b>.</li> <li>Secure a <b>part-time job or volunteer experience</b>.</li> </ul>
Related Area Course	3	C	
Humanities, Arts and Design (HU)	3		
Natural Science - Quantitative (SQ)	4		
Elective	3		
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		





Term 4 47 - 63 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ISS 304: Integrated Theories of Social Science (SB) OR POS 342:  Political Theory (HU or SB) OR STS 305: Science and Social Theory (SB)	3	C	<ul style="list-style-type: none"> <li>Attend career-related <b>workshops</b> and <b>meet</b> with a career counselor to discuss professional goals.</li> </ul>
POS Elective	3	C	
Historical Awareness (H)	3		
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 POS 301: Empirical Political Inquiry (SB) OR ISS 301: Integrated Social Science Research Methods (SB) OR STS 301: Research in Science and Technology Studies (SB)	3	C	<ul style="list-style-type: none"> <li>Related Area Courses: Any course from the subjects in the list below will apply to the Related Area requirement.</li> <li>The electives in this program allow room for students to complete a <b>minor</b> or <b>certificate</b>.</li> </ul>
Related Area Course	3	C	
POS Upper Division Elective	3	C	
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 POS 401: Political Statistics (CS) OR STS 401: Statistics in Science and Technology Studies (CS)	3	C	<ul style="list-style-type: none"> <li>Use Handshake to research <b>employment opportunities</b>.</li> </ul>
POS Upper Division Elective	3	C	
POS Elective	3	C	
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	15		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			

Term 7 93 - 105 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 POS Upper Division Elective	3	C	<ul style="list-style-type: none"> <li>Gather <b>professional references</b>.</li> <li>Apply for <b>full-time career opportunities</b>.</li> </ul>
Upper Division Literacy and Critical Inquiry (L)	3		
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	12		

Term 8 105 - 120 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 POS Upper Division Elective	3	C	
POS 484: Internship OR Upper Division Elective	3		
Complete 3 courses: Elective	9		
Term hours subtotal:	15		

Hide Course List(s)/Track Group(s)

Related Area Courses

AES OR AFR OR AIS OR APA OR ASB OR  
ASM OR COM OR ECN OR FAS OR GCU  
OR GPH OR HST OR ISS OR JUS OR MIS  
OR PHI OR PSY OR REL OR SGS OR SOC  
OR STS OR TCL OR VTS OR WST Elective

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Students must complete a minimum of 12 credit hours of POS courses offered by the College of Integrative Sciences and Arts.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.












## 2023 - 2024 Major Map



### Psychology, BA



School/College: College of Integrative Sciences and Arts



Location: Polytechnic



LSPGSBA



Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students</li> <li>Select your <b>career interest communities</b> and play <b>me3@ASU</b>.</li> </ul>
 MAT 119: Finite Mathematics (MA) OR MAT 170: Precalculus (MA)	3	C	
 PSY 101: Introduction to Psychology (SB)	3	C	
ASU 101-CLS: The ASU Experience	1		
Cultural Diversity in the U.S. (C)	3		
Elective	3		
Term hours subtotal:	16		
Term 2 16 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ACO 100: All About Data: Design, Query, and Visualization (CS) OR  CIS 105: Computer Applications and Information Technology (CS) OR CSE 180: Computer Literacy (CS) OR EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	3	C	<ul style="list-style-type: none"> <li>Join a <b>student club</b> or professional organization.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
 PSY 230: Introduction to Statistics (CS)	3	C	
Humanities, Arts and Design (HU)	3		
Natural Science - Quantitative (SQ)	4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		
Term 3 32 - 48 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 PSY 290: Research Methods (L or SG)	4	C	<ul style="list-style-type: none"> <li>Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> </ul>
Historical Awareness (H)	3		
Humanities, Arts and Design (HU)	3		
Complete 2 courses:			
Elective	6		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		

Term 4 48 - 63 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 Related Area Course	3	C	
Global Awareness (G)	3		
Complete 3 courses: Elective	9		
Term hours subtotal:	15		

Term 5 63 - 78 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
 Upper Division Social-Behavioral Sciences (SB) AND Upper Division Psychology Core	6	C	<ul style="list-style-type: none"> <li>• Students will select Upper Division Psychology Core AND Upper Division Social-Behavioral Sciences (SB) Core courses from the tracks listed below.</li> <li>• Students will select Upper Division Psychology Electives courses from the track list below.</li> </ul>
CED 250: Career Development (L)	3	C	
Upper Division Psychology Electives	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Psychology Core	6	C	<ul style="list-style-type: none"> <li>• Use Handshake to research <b>employment opportunities</b>.</li> <li>• Students will select Upper Division Psychology Core AND Upper Division Social-Behavioral Sciences (SB) Core courses from the tracks listed below.</li> <li>• Students will select Upper Division Psychology Electives courses from the track list below.</li> </ul>
Upper Division Psychology Electives	3	C	
Related Area Course	3	C	
Upper Division Elective	3		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
 Upper Division Psychology Electives	3	C	<ul style="list-style-type: none"> <li>• Gather <b>professional references</b>.</li> <li>• Apply for <b>full-time career opportunities</b>.</li> <li>• Students will select Upper Division Psychology Core AND Upper Division Social-Behavioral Sciences (SB) Core courses from the tracks listed below.</li> <li>• Students will select Upper Division Psychology Electives courses from the track list below.</li> </ul>
Upper Division Psychology Core	3	C	
Upper Division Social-Behavioral Sciences (SB) AND Upper Division Psychology Core	3	C	
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
 Upper Division Psychology Electives	3	C	
PSY 484: Internship OR Upper Division Elective	3		
Complete 2 courses: Elective	6		
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

Upper Division Psychology Electives (12 Credit Hours Required)	Upper Division Psychology Core (All Courses Required)	Related Area Courses (6 Credit Hours Required)
PSY 304: Effective Thinking (L)	PSY 320: Learning and Motivation	ASB Elective
PSY 306: Environmental Psychology (SB)	PSY 323: Sensation and Perception	COM Elective
PSY 315: Personality Theory and Research (SB)	PSY 324: Memory and Cognition	HSE Elective
PSY 325: Physiological Psychology	PSY 341: Developmental Psychology (SB)	ISS Elective
PSY 330: Statistical Methods (CS)	PSY 350: Social Psychology (SB)	POS Elective
PSY 369: Biology of Human Sexuality	PSY 366: Psychological Disorders (SB)	SOC Elective
PSY 385: Psychology of Gender (SB)		
PSY 399: Supervised Research		
PSY 425: Biological Bases of Behavior (L)		
PSY 430: Industrial Psychology		
PSY 444: Adolescent Psychology and Psychopathology		
PSY 447: Psychology of Aging (SB)		
PSY 453: Organizational Behavior (SB)		
PSY 470: Psychopharmacology		
PSY 472: Clinical Psychology		
PSY 482: Social Influence and Consumer Behavior (SB)		

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Students must complete a minimum of 12 credit hours of PSY courses offered by the College of Integrative Sciences and Arts.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.












## 2023 - 2024 Major Map

### Psychology, BS


School/College: College of Integrative Sciences and Arts


Location: Polytechnic


LSPGSBS


Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students</li> <li>Select your <b>career interest</b> area and play me3@ASU.</li> </ul>
 MAT 119: Finite Mathematics (MA) OR MAT 170: Precalculus (MA)	3	C	
 PSY 101: Introduction to Psychology (SB)	3	C	
ASU 101-CLS: The ASU Experience	1		
Cultural Diversity in the U.S. (C)	3		
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	16		
Term 2 16 - 31 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ACO 100: All About Data: Design, Query, and Visualization (CS) OR  CIS 105: Computer Applications and Information Technology (CS) OR CSE 180: Computer Literacy (CS) OR EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	3	C	<ul style="list-style-type: none"> <li>Join a <b>student club</b> or professional organization.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
 PSY 230: Introduction to Statistics (CS)	3	C	
Humanities, Arts and Design (HU)	3		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		
Term 3 31 - 46 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 PSY 290: Research Methods (L or SG)	4	C	<ul style="list-style-type: none"> <li>Psychology BS majors are required to take one Life Science lab course and one Physical Science lab course meeting SG or SQ requirements in addition to two required university general studies science courses.</li> <li>Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> </ul>
Life Science Lab Course - Applied Biological Science, Biology, or Microbiology	4	C	
Historical Awareness (H)	3		
Complete 2 courses: Elective	4		
Complete Mathematics (MA) requirement.			

Term hours subtotal: 15

Term 4 46 - 62 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
<b>Complete 2 courses:</b>			
<b>Related Area Course</b>	6	C	
Global Awareness (G)	3		
Natural Science - Quantitative (SQ)	4		
Elective	3		
Term hours subtotal:	16		

Term 5 62 - 77 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
<b>Complete 2 courses:</b>			
<b>Upper Division Social-Behavioral Sciences (SB) AND Upper Division Psychology Core</b>	6	C	<ul style="list-style-type: none"> <li>• <b>Network</b> in your career interest area.</li> <li>• Students will select Upper Division Psychology Core AND Upper Division Social-Behavioral Sciences (SB) Core courses from the tracks listed below.</li> <li>• Students will select Upper Division Psychology Electives courses from the track list below.</li> </ul>
CED 250: Career Development (L)	3	C	
Upper Division Psychology Electives	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	15		

Term 6 77 - 93 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
<b>Complete 2 courses:</b>			
<b>Upper Division Psychology Core</b>	6	C	<ul style="list-style-type: none"> <li>• Psychology BS majors are required to take one Life Science lab course and one Physical Science lab course meeting an SG or SQ requirement in addition to two required university general studies science courses.</li> <li>• Use Handshake to research <b>employment opportunities</b>.</li> <li>• Students will select Upper Division Psychology Core AND Upper Division Social-Behavioral Sciences (SB) Core courses from the tracks listed below.</li> <li>• Students will select Upper Division Psychology Electives courses from the track list below.</li> </ul>
Upper Division Psychology Electives	3	C	
Physical Science Lab Course - Astronomy - Chemistry, Geology, or Physics	4	C	
Elective	3		
<b>Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).</b>			
Term hours subtotal:	16		

Term 7 93 - 108 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
<b>Complete 2 courses:</b>			
<b>Upper Division Psychology Electives</b>	6	C	<ul style="list-style-type: none"> <li>• Gather <b>professional references</b>.</li> <li>• Apply for <b>full-time career opportunities</b>.</li> <li>• Students will select Upper Division Psychology Core AND Upper Division Social-Behavioral Sciences (SB) Core courses from the tracks listed below.</li> <li>• Students will select Upper Division Psychology Electives courses from the track list below.</li> </ul>
Upper Division Psychology Core	3	C	
<b>Complete 2 courses:</b>	6		
Upper Division Elective			
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
<b>Complete 2 courses:</b>			
<b>Upper Division Psychology Core</b>	6	C	<ul style="list-style-type: none"> <li>• Students will select Upper Division Psychology Core AND Upper Division</li> </ul>



PSY 484: Internship OR Elective	3	
Upper Division Psychology Electives	3	C
Term hours subtotal:	12	

Social-Behavioral Sciences (SB) Core courses from the tracks listed below.

- Students will select Upper Division Psychology Electives courses from the track list below.

Hide Course List(s)/Track Group(s)

Upper Division Psychology Electives (15 Credits)	Upper Division Psychology Core	Related Area Courses (6 Credit Hours)
PSY 304: Effective Thinking (L)	PSY 320: Learning and Motivation	ASB Elective
PSY 306: Environmental Psychology (SB)	PSY 323: Sensation and Perception	COM Elective
PSY 315: Personality Theory and Research (SB)	PSY 324: Memory and Cognition	HSE Elective
PSY 325: Physiological Psychology	PSY 330: Statistical Methods (CS)	ISS Elective
PSY 369: Biology of Human Sexuality	PSY 341: Developmental Psychology (SB)	POS Elective
PSY 385: Psychology of Gender (SB)	PSY 350: Social Psychology (SB)	SOC Elective
PSY 399: Supervised Research	PSY 366: Psychological Disorders (SB)	
PSY 425: Biological Bases of Behavior (L)		
PSY 430: Industrial Psychology		
PSY 444: Adolescent Psychology and Psychopathology		
PSY 447: Psychology of Aging (SB)		
PSY 453: Organizational Behavior (SB)		
PSY 470: Psychopharmacology		
PSY 472: Clinical Psychology		
PSY 482: Social Influence and Consumer Behavior (SB)		

**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.
- Students must complete a minimum of 12 credit hours of PSY courses offered by the College of Integrative Sciences and Arts.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**General University Requirements Legend**

General Studies Core Requirements:

**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for**  
**Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.









## 2023 - 2024 Major Map



### Science, Technology and Society, BS


School/College: [College of Integrative Sciences and Arts](#)




Location: [Polytechnic](#)



ECSTSBS



Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 STS 101: Introduction to Science, Technology and Society (SB) OR STS 304: Science, Technology and Society (SB)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students</li> <li>Transfer students with 64 credit hours or more transferred must take STS 304 instead of STS 101.</li> <li>Select your <b>career interest communities</b> and play <b>me3@ASU</b>.</li> </ul>
ASU 101-CLS: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Humanities, Arts and Design (HU)	3		
Mathematics (MA) ( MAT 142 recommended)	3		
Elective	3		
Term hours subtotal:	16		
Term 2 16 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 STS 110: Global Technology and Development (SB & G) OR STS 317: Science, Technology, and Global Engagement (SB & G)	3	C	<ul style="list-style-type: none"> <li>Transfer students with 64 credit hours or more transferred must take STS 317 instead of STS 110.</li> <li>Join a <b>student club</b> or professional organization.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Natural Science - Quantitative (SQ)	4		
<i>Complete 2 courses:</i> Elective	6		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		
Term 3 32 - 47 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ISS OR POS OR STS Elective	3	C	<ul style="list-style-type: none"> <li>Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> </ul>
Cultural Diversity in the U.S. (C)	3		
Humanities, Arts and Design (HU)	3		
Literacy and Critical Inquiry (L)	3		
Elective	3		
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	15		
		<b>Minimum</b>	

Term 4 47 - 63 Credit Hours <b>Critical course signified by</b> 	Hours	Grade	Notes
 <i>Complete 3 courses:</i>			
ISS OR POS OR STS Elective	9	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	3		
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
STS 301: Research in Science and Technology Studies (SB) OR ISS 301: Integrated Social Science Research Methods (SB) OR POS 301: Empirical Political Inquiry (SB)	3	C	<ul style="list-style-type: none"> <li>It is highly recommended that STS students take a statistics course for their (CS) general studies requirement.</li> </ul>
STS 305: Science and Social Theory (SB) OR POS 342: Political Theory (HU or SB) OR ISS 304: Integrated Theories of Social Science (SB)	3	C	
<i>Complete 2 courses:</i>			
ISS OR POS OR STS Upper Division Elective	6	C	
Upper Division Elective	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 STS 303: History of Science and Technology (H)	3	C	<ul style="list-style-type: none"> <li>Use Handshake to research employment opportunities.</li> </ul>
STS 302: Philosophy of Science and Technology (SB)	3	C	
STS 401: Statistics in Science and Technology Studies (CS) OR POS 401: Political Statistics (CS) OR ISS 401: Statistics for Integrated Social Science (CS)	3	C	
<i>Complete 2 courses:</i>			
ISS OR POS OR STS Upper Division Elective	6	C	
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 STS 306: Social Effects of Science and Technology (SB)	3	C	<ul style="list-style-type: none"> <li>Gather professional references.</li> <li>Apply for full-time career opportunities.</li> </ul>
ISS OR POS OR STS Elective	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Upper Division Elective	3		
Elective	3		
Complete STS 305 AND STS 306 course(s).			
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 STS 484: Internship	3	C	
ISS OR POS OR STS Elective	3	C	
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.









## 2023 - 2024 Major Map



### Technical Communication, BS

School/College: College of Integrative Sciences and Arts





Location: Polytechnic



LSTECBS

Term 1 0 - 14 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students</li> <li>Select your <b>career interest communities</b> and play <b>me3@ASU</b>.</li> </ul>
ASU 101-CLS: The ASU Experience	1		
Humanities, Arts and Design (HU)	3		
Mathematics (MA) ( MAT 142 recommended)	3		
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	14		
Term 2 14 - 29 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>Join a <b>student club</b> or professional organization.</li> </ul>
Computer/Statistics/Quantitative Applications (CS)	3		
Social-Behavioral Sciences (SB)	3		
Complete 2 courses:	6		
Elective			
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		
Term 3 29 - 45 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
Cultural Diversity in the U.S. (C)	3		<ul style="list-style-type: none"> <li>Students must take 12 credits in a related area (minimum of 9 credits upper division). Select courses that will provide you with additional technical expertise in an area related to your career interest. For example: Software industry- courses in software engineering; Web authoring - courses in internet and web development; Design-related fields - courses in graphic information technology. Related area courses should be selected in consultation with a Technical Communication advisor</li> <li>Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> </ul>
Humanities, Arts and Design (HU)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB)	3		
Elective	3		
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		

Term 4 45 - 60 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 Related Area Course	3	C	
Global Awareness (G)	3		
Historical Awareness (H)	3		
Complete 2 courses:			
Elective	6		
Term hours subtotal:	15		

Term 5 60 - 75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 TWC 301: Fundamentals of Writing for Digital Media (L)	3	C	<ul style="list-style-type: none"> <li>Develop your <b>professional online presence</b>.</li> </ul>
 TWC 401: Fundamentals of Technical Communication (L)	3	C	
Upper Division Social-Behavioral Sciences (SB) OR Upper Division Humanities, Arts and Design (HU)	3		
Complete 2 courses:			
Elective	6		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 TWC 421: Principles of Web Authoring (L)	3	C	<ul style="list-style-type: none"> <li>Students must take 12 credits in a related area (minimum of 9 credits upper division). Select courses that will provide you with additional technical expertise in an area related to your career interest. For example: Software industry- courses in software engineering; Web authoring - courses in internet and web development; Design-related fields - courses in graphic information technology. Related area courses should be selected in consultation with a Technical Communication advisor.</li> <li>Use Handshake to research <b>employment opportunities</b>.</li> </ul>
 TWC 431: Principles of Technical Editing	3	C	
TWC 484: Internship OR Elective	3		
Upper Division Related Area Course	3	C	
Upper Division TWC 400-Level Electives	3	C	
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 TWC 411: Principles of Visual Communication (L)	3	C	<ul style="list-style-type: none"> <li>TWC Upper Division Elective: any TWC 300/400 course will fulfill this area. Students are strongly encouraged to participate in an internship (TWC 484) or a supervised work experience in their final academic year.</li> <li>Students must take 12 credits in a related area (minimum of 9 credits upper division). Select courses that will provide you with additional technical expertise in an area related to your career interest. For example: Software industry- courses in software engineering; Web authoring - courses in internet and web development; Design-related fields - courses in graphic information technology. Related area courses should be selected in consultation with a Technical Communication advisor.</li> <li>Gather <b>professional references</b>.</li> <li>Apply for <b>full-time career opportunities</b>.</li> </ul>
Upper Division Related Area Course	3	C	
Upper Division TWC 400-Level Electives	3	C	
TWC Upper Division Elective	3	C	
Elective	3		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours <i>Necessary course signified by</i> ★	Hours	Minimum Grade	Notes
★ TWC 490: Capstone	3	C	<ul style="list-style-type: none"> <li>• TWC Upper Division Elective: any TWC 300/400 course will fulfill this area.</li> <li>• Students must take 12 credits in a related area (minimum of 9 credits upper division). Select courses that will provide you with additional technical expertise in an area related to your career interest. For example: Software industry - courses in software engineering; Web authoring - courses in internet and web development; Design-related fields - courses in graphic information technology. Related area courses should be selected in consultation with a Technical Communication advisor.</li> </ul>
TWC 484: Internship OR Elective	3		
Upper Division Related Area Course	3	C	
<i>Complete 2 courses:</i>			
TWC Upper Division Elective	6	C	
Term hours subtotal:	15		

Hide Course List(s)/Track Group(s)

TWC 400-Level Electives
TWC 413: Managing and Analyzing Data
TWC 414: Visualizing Data and Information
TWC 422: Social Media in the Workplace
TWC 435: Global Issues in Technical Communication (G)
TWC 436: Project Management in Technical Communication
TWC 443: Grant & Proposal Writing
TWC 444: User Experience
TWC 445: Content Strategy
TWC 446: Technical and Scientific Reports (L)
TWC 451: Copyright and Intellectual Property in the Electronic Age
TWC 452: Information in the Digital Age
TWC 453: Information and Communications Technology in American History (L & H)
TWC 454: Information Technology and Culture (C)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's



first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>

- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.








## 2023 - 2024 Major Map

### Technical Communication, BS

School/College: [College of Integrative Sciences and Arts](#)

Location: [Online ASU Local](#)

LSTECBS

Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First Year Seminar required of all first-year students.</li> <li>Select your <b>career interest communities</b> and play <b>me3@ASU</b>.</li> </ul>
ASU 101-CLS: The ASU Experience	1		
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	7		
Term 1 - B 7 - 13 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> </ul>
Mathematics (MA) ( MAT 142 recommended)	3		
Term hours subtotal:	6		
Term 2 - A 13 - 19 Credit Hours	Hours	Minimum Grade	Notes
Cultural Diversity in the U.S. (C)	3		
Elective	3		
Term hours subtotal:	6		
Term 2 - B 19 - 25 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
Social-Behavioral Sciences (SB)	3		
Elective	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	6		
Term 3 - A 25 - 32 Credit Hours	Hours	Minimum Grade	Notes
Natural Science - Quantitative (SQ)	4		<ul style="list-style-type: none"> <li>Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> </ul>
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	7		
Term 3 - B 32 - 38 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
Computer/Statistics/Quantitative Applications (CS)	3		

Humanities, Arts and Design (HU)	3
🚩 Complete Mathematics (MA) requirement.	
Term hours subtotal:	6

- Students must take 12 credits in a related area (minimum of 9 credits upper division). Select courses that will provide you with additional technical expertise in an area related to your career interest. For example: Software industry- courses in software engineering; Web authoring - courses in internet and web development; Design-related fields - courses in graphic information technology. Related area courses should be selected in consultation with a Technical Communication advisor.

Term 4 - A 38 - 44 Credit Hours	Hours	Minimum Grade	Notes
Historical Awareness (H)	3		
Elective	3		
Term hours subtotal:	6		

Term 4 - B 44 - 51 Credit Hours <b>Critical course signified by</b> 🚩	Hours	Minimum Grade	Notes
🚩 Related Area Course	3	C	
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	7		

Term 5 - A 51 - 57 Credit Hours <b>Necessary course signified by</b> ⭐	Hours	Minimum Grade	Notes
⭐ TWC 301: Fundamentals of Writing for Digital Media (L)	3	C	
Global Awareness (G)	3		
Term hours subtotal:	6		

Term 5 - B 57 - 63 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Elective	3		
Term hours subtotal:	6		

Term 6 - A 63 - 69 Credit Hours <b>Necessary course signified by</b> ⭐	Hours	Minimum Grade	Notes
⭐ TWC 401: Fundamentals of Technical Communication (L)	3	C	
Upper Division Related Area Course	3	C	
Term hours subtotal:	6		

- Students must take 12 credits in a related area (minimum of 9 credits upper division). Select courses that will provide you with additional technical expertise in an area related to your career interest. For example: Software industry- courses in software engineering; Web authoring - courses in internet and web development; Design-related fields - courses in graphic information technology. Related area courses should be selected in consultation with a Technical Communication advisor.

Term 6 - B 69 - 75 Credit Hours <b>Necessary course signified by</b> ⭐	Hours	Minimum Grade	Notes
⭐ TWC 421: Principles of Web Authoring (L)	3	C	

Elective	3
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).	
Term hours subtotal:	6

- Use Handshake to research **employment opportunities**.

Term 7 - A 75 - 81 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TWC 431: Principles of Technical Editing	3	C	<ul style="list-style-type: none"> <li>• Students must take 12 credits in a related area (minimum of 9 credits upper division). Select courses that will provide you with additional technical expertise in an area related to your career interest. For example: Software industry- courses in software engineering; Web authoring - courses in internet and web development; Design-related fields - courses in graphic information technology. Related area courses should be selected in consultation with a Technical Communication advisor.</li> </ul>
Upper Division Related Area Course	3	C	
Term hours subtotal:	6		

Term 7 - B 81 - 87 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TWC 411: Principles of Visual Communication (L)	3	C	<ul style="list-style-type: none"> <li>• Students must take 12 credits in a related area (minimum of 9 credits upper division). Select courses that will provide you with additional technical expertise in an area related to your career interest. For example: Software industry- courses in software engineering; Web authoring - courses in internet and web development; Design-related fields - courses in graphic information technology. Related area courses should be selected in consultation with a Technical Communication advisor.</li> </ul>
Upper Division Related Area Course	3	C	
Term hours subtotal:	6		

Term 8 - A 87 - 93 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division TWC 400-Level Electives	3	C	<ul style="list-style-type: none"> <li>• Gather <b>professional references</b>.</li> <li>• Apply for <b>full-time career opportunities</b>.</li> </ul>
TWC Upper Division Elective	3	C	
Term hours subtotal:	6		

Term 8 - B 93 - 99 Credit Hours	Hours	Minimum Grade	Notes
TWC 484: Internship OR Elective	3		<ul style="list-style-type: none"> <li>• TWC Upper Division Elective: any TWC 400 course will fulfill this area. Students are strongly encouraged to participate in an internship (TWC 484) or a supervised work experience in their final academic year.</li> </ul>
Upper Division TWC 400-Level Electives	3	C	
Term hours subtotal:	6		

Term 9 - A 99 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TWC Upper Division Elective	3	C	<ul style="list-style-type: none"> <li>• TWC Upper Division Elective: any TWC 300/400 course will fulfill this area. Students</li> </ul>
Elective	3		
Term hours subtotal:	6		

are strongly encouraged to participate in an internship (TWC 484) or a supervised work experience in their final academic year.

<b>Term 9 - B 105 - 111 Credit Hours Necessary course signified by</b> ★	<b>Hours</b>	<b>Minimum Grade</b>	<b>Notes</b>
★ TWC Upper Division Elective	3	C	<ul style="list-style-type: none"> <li>• TWC Upper Division Elective: any TWC 300/400 course will fulfill this area. Students are strongly encouraged to participate in an internship (TWC 484) or a supervised work experience in their final academic year.</li> </ul>
Elective	3		
Term hours subtotal:	6		

<b>Term 10 - A 111 - 117 Credit Hours Necessary course signified by</b> ★	<b>Hours</b>	<b>Minimum Grade</b>	<b>Notes</b>
★ TWC 490: Capstone	3	C	
Elective	3		
Term hours subtotal:	6		

<b>Term 10 - B 117 - 120 Credit Hours</b>	<b>Hours</b>	<b>Minimum Grade</b>	<b>Notes</b>
TWC 484: Internship OR Elective	3		
Term hours subtotal:	3		

Hide Course List(s)/Track Group(s)

- TWC 400-Level Electives
- TWC 413: Managing and Analyzing Data
- TWC 414: Visualizing Data and Information
- TWC 422: Social Media in the Workplace
- TWC 435: Global Issues in Technical Communication (G)
- TWC 436: Project Management in Technical Communication
- TWC 443: Grant & Proposal Writing
- TWC 444: User Experience
- TWC 445: Content Strategy
- TWC 446: Technical and Scientific Reports (L)
- TWC 451: Copyright and Intellectual Property in the Electronic Age
- TWC 452: Information in the Digital Age
- TWC 453: Information and Communications Technology in American History (L & H)
- TWC 454: Information Technology and Culture (C)

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**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.








## 2023 - 2024 Major Map




### Technical Communication (Data Visualization), BS





School/College: [College of Integrative Sciences and Arts](#)




Location: [Polytechnic](#)



LSTECDVBS


Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 HSE 101: Introduction to Human Systems Engineering (SB) OR PSY 101: Introduction to Psychology (SB)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>Select your <b>career interest communities</b> and play <b>me3@ASU</b>.</li> </ul>
ASU 101-CLS: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Cultural Diversity in the U.S. (C)	3		
Mathematics (MA) ( MAT 142 recommended)	3		
Elective	3		
Term hours subtotal:	16		
Term 2 16 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR			<ul style="list-style-type: none"> <li>Join a <b>student club</b> or professional organization.</li> </ul>
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Computer/Statistics/Quantitative Applications (CS)	3		
Humanities, Arts and Design (HU)	3		
Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		
Term 3 32 - 48 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 Concentration Elective Course	3	C	<ul style="list-style-type: none"> <li>Secure a <b>part-time job</b> or volunteer experience.</li> </ul>
Global Awareness (G)	3		
Humanities, Arts and Design (HU)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	3		
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		
		<b>Minimum</b>	

Term 4 48 - 60 Credit Hours <b>Critical course signified by</b> 	Hours	Grade	Notes
 Concentration Elective Course	3	C	<ul style="list-style-type: none"> <li>Students must take 12 credit hours in a related area (minimum of nine credits upper division). Select courses that will provide you with additional technical expertise in an area related to your career interest. For example: data analytics and statistics; web authoring (internet and web development); design-related fields (graphic information technology). Related area courses should be selected in consultation with a Technical Communication advisor.</li> </ul>
 Related Area Course	3	C	
Historical Awareness (H)	3		
Elective	3		
Term hours subtotal:	12		

Term 5 60 - 75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 TWC 301: Fundamentals of Writing for Digital Media (L)	3	C	
 TWC 401: Fundamentals of Technical Communication (L)	3	C	
 TWC 411: Principles of Visual Communication (L)	3	C	
TWC 314: Data Visualization Tools and Techniques	3	C	
Elective	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 TWC 413: Managing and Analyzing Data	3	C	<ul style="list-style-type: none"> <li>Students must take 12 credit hours in a related area (minimum of nine credits upper division). Select courses that will provide you with additional technical expertise in an area related to your career interest. For example: data analytics and statistics; web authoring (internet and web development); design-related fields (graphic information technology). Related area courses should be selected in consultation with a Technical Communication advisor.</li> <li>Use Handshake to research <b>employment opportunities</b>.</li> </ul>
TWC 312: Introduction to Visual Culture	3	C	
TWC 431: Principles of Technical Editing	3	C	
Upper Division Related Area Course	3	C	
TWC Upper Division Elective	3	C	
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 TWC 421: Principles of Web Authoring (L)	3	C	<ul style="list-style-type: none"> <li>Students must take 12 credit hours in a related area (minimum of nine credits upper division). Select courses that will provide you with additional technical expertise in an area related to your career interest. For example: data analytics and statistics; web authoring (internet and web development); design-related fields (graphic information technology). Related area courses should be selected in consultation with a Technical Communication advisor.</li> <li>Gather <b>professional references</b>.</li> <li>Apply for <b>full-time career opportunities</b>.</li> </ul>
TWC 414: Visualizing Data and Information	3	C	
Upper Division Concentration Elective Course	3	C	
Upper Division Related Area Course	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes



★ TWC 490: Capstone	3	C
Upper Division Related Area Course	3	C
TWC 4** Elective	3	C
TWC Upper Division Elective	3	C
Elective OR TWC 484: Internship	3	
Term hours subtotal:	15	

- Students must take 12 credit hours in a related area (minimum of nine credits upper division). Select courses that will provide you with additional technical expertise in an area related to your career interest. For example: data analytics and statistics; web authoring (internet and web development); design-related fields (graphic information technology). Related area courses should be selected in consultation with a Technical Communication advisor.

Hide Course List(s)/Track Group(s)

Concentration Elective Courses
GIT 210: Creative Thinking and Design Visualization
GIT 230: Digital Illustration in Publishing
GIT 402: New Media Internet Technologies
HSE 224: Applied Social Science (SB)
HSE 225: Human Systems Integration
HSE 230: Statistics for Human Systems Research I (CS)
HSE 290: Experimental Methods for Human Systems Research (L)
HSE 324: Applied Cognitive Science (SB)
HSE 390: Qualitative Research Methods (L)
HSE 428: Judgment and Decision Making
MCO 427: Misinformation and Society
MCO 436: Audience Research and Behavior
TWC 214: Storytelling with Data
TWC 436: Project Management in Technical Communication
TWC 445: Content Strategy

**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for**  
**Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.








## 2023 - 2024 Major Map

### Technical Communication (Data Visualization), BS

School/College: [College of Integrative Sciences and Arts](#)

Location: [Online ASU Local](#)

LSTECDVBS

Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 HSE 101: Introduction to Human Systems Engineering (SB) OR PSY 101: Introduction to Psychology (SB)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>Select your <b>career interest communities</b> and play <b>me3@ASU</b>.</li> </ul>
ASU 101-ONL: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Term hours subtotal:	7		
Term 1 - B 7 - 13 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR			<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> <li>Join a <b>student club</b> or professional organization.</li> </ul>
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Mathematics (MA) ( MAT 142 recommended)	3		
Term hours subtotal:	6		
Term 2 - A 13 - 19 Credit Hours	Hours	Minimum Grade	Notes
Computer/Statistics/Quantitative Applications (CS)	3		
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	6		
Term 2 - B 19 - 26 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
Natural Science - Quantitative (SQ)	4		
Cultural Diversity in the U.S. (C)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	7		
Term 3 - A 26 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 Concentration Elective Course	3	C	<ul style="list-style-type: none"> <li>Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> </ul>
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	6		
Term 3 - B 32 - 38 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes

Global Awareness (G)	3
Humanities, Arts and Design (HU)	3
◆ Complete Mathematics (MA) requirement.	
Term hours subtotal:	6

Term 4 - A 38 - 45 Credit Hours Critical course signified by ◆	Hours	Minimum Grade	Notes
◆ Concentration Elective Course	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	7		

Term 4 - B 45 - 51 Credit Hours Critical course signified by ◆	Hours	Minimum Grade	Notes
◆ Related Area Course	3	C	<ul style="list-style-type: none"> <li>Students must take 12 credits in a related area (minimum of nine credits upper division). Select courses that will provide you with additional technical expertise in an area related to your career interest. For example: software industry (software engineering); web authoring (internet and web development); design-related fields (graphic information technology). Related area courses should be selected in consultation with a Technical Communication advisor.</li> </ul>
Historical Awareness (H)	3		
Term hours subtotal:	6		

Term 5 - A 51 - 57 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Elective	3		
Term hours subtotal:	6		

Term 5 - B 57 - 63 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TWC 301: Fundamentals of Writing for Digital Media (L)	3	C	
TWC 312: Introduction to Visual Culture	3	C	
Term hours subtotal:	6		

Term 6 - A 63 - 69 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TWC 401: Fundamentals of Technical Communication (L)	3	C	
Elective	3		
Term hours subtotal:	6		

Term 6 - B 69 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TWC 421: Principles of Web Authoring (L)	3	C	<ul style="list-style-type: none"> <li>Use Handshake to research employment opportunities.</li> </ul>
TWC 314: Data Visualization Tools and Techniques	3	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

		Minimum	
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Term 7 - A 75 - 81 Credit Hours Necessary course signified by ★	Hours	Grade	Notes
★ TWC 411: Principles of Visual Communication (L)	3	C	
TWC 414: Visualizing Data and Information	3	C	
Term hours subtotal:	6		

Term 7 - B 81 - 87 Credit Hours	Hours	Minimum Grade	Notes
TWC 431: Principles of Technical Editing	3	C	
TWC Upper Division Elective	3	C	
Term hours subtotal:	6		

Term 8 - A 87 - 93 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Related Area Course	3	C	<ul style="list-style-type: none"> <li>Students must take 12 credits in a related area (minimum of nine credits upper division). Select courses that will provide you with additional technical expertise in an area related to your career interest. For example: software industry (software engineering); web authoring (internet and web development); design-related fields (graphic information technology). Related area courses should be selected in consultation with a Technical Communication advisor.</li> </ul>
TWC Upper Division Elective	3	C	
Term hours subtotal:	6		

Term 8 - B 93 - 99 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Related Area Course	3	C	<ul style="list-style-type: none"> <li>Students must take 12 credits in a related area (minimum of nine credits upper division). Select courses that will provide you with additional technical expertise in an area related to your career interest. For example: software industry (software engineering); web authoring (internet and web development); design-related fields (graphic information technology). Related area courses should be selected in consultation with a Technical Communication advisor.</li> </ul>
Elective OR TWC 484: Internship	3		
Term hours subtotal:	6		

Term 9 - A 99 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TWC 413: Managing and Analyzing Data	3	C	<ul style="list-style-type: none"> <li>Gather professional references.</li> <li>Apply for full-time career opportunities.</li> </ul>
Elective	3		
Term hours subtotal:	6		

Term 9 - B 105 - 111 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Concentration Elective Course	3	C	<ul style="list-style-type: none"> <li>Students must take 12 credits in a related area (minimum of nine credits upper division). Select courses that will provide you with additional technical expertise in an area related to your career interest. For example: software industry (software engineering); web authoring (internet and web development); design-related fields (graphic information technology). Related area</li> </ul>
Upper Division Related Area Course	3	C	
Term hours subtotal:	6		

courses should be selected in consultation with a Technical Communication advisor.

Term 10 - A 111 - 117 Credit Hours	Hours	Minimum Grade	Notes
TWC 4** Elective	3	C	
Elective OR TWC 484: Internship	3		
Term hours subtotal:	6		

Term 10 - B 117 - 120 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ TWC 490: Capstone	3	C	
Term hours subtotal:	3		

Hide Course List(s)/Track Group(s)

Concentration Elective Courses
GIT 210: Creative Thinking and Design Visualization
GIT 230: Digital Illustration in Publishing
GIT 402: New Media Internet Technologies
HSE 224: Applied Social Science (SB)
HSE 225: Human Systems Integration
HSE 230: Statistics for Human Systems Research I (CS)
HSE 290: Experimental Methods for Human Systems Research (L)
HSE 324: Applied Cognitive Science (SB)
HSE 390: Qualitative Research Methods (L)
HSE 428: Judgment and Decision Making
MCO 427: Misinformation and Society
MCO 436: Audience Research and Behavior
TWC 214: Storytelling with Data
TWC 436: Project Management in Technical Communication
TWC 445: Content Strategy

**Notes:**

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- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.







## 2023 - 2024 Major Map

### Technical Communication (Social Media Management), BS



School/College: College of Integrative Sciences and Arts





Location: Polytechnic




LSTECSSMMBS



Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 HSE 101: Introduction to Human Systems Engineering (SB) OR PSY 101: Introduction to Psychology (SB)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>Select your <b>career interest communities</b> and play <b>me3@ASU</b>.</li> </ul>
ASU 101-CLS: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Cultural Diversity in the U.S. (C)	3		
Mathematics (MA) ( MAT 142 recommended)	3		
Elective	3		
Term hours subtotal:	16		
Term 2 16 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR			<ul style="list-style-type: none"> <li>Join a <b>student club</b> or professional organization.</li> </ul>
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Computer/Statistics/Quantitative Applications (CS)	3		
Humanities, Arts and Design (HU)	3		
Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		
Term 3 32 - 48 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
Related Area Course	3	C	<ul style="list-style-type: none"> <li>Students must take six credits in a related area. Select courses that will provide you with additional technical expertise in an area related to your career interest. For example: software industry (software engineering); web authoring (internet and web development); design-related fields (graphic information technology). Related area courses should be selected in consultation with a Technical Communication advisor.</li> <li>Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> </ul>
Humanities, Arts and Design (HU)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Complete 2 courses:			
Elective	6		
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		




Term 4 48 - 63 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 Concentration Elective Course	3	C	<ul style="list-style-type: none"> <li>Students must take six credits in a related area. Select courses that will provide you with additional technical expertise in an area related to your career interest. For example: software industry (software engineering); web authoring (internet and web development); design-related fields (graphic information technology). Related area courses should be selected in consultation with a Technical Communication advisor.</li> <li>Students select nine credit hours of Concentration Elective Courses, including three upper division hours, from the track courses listed at the bottom of the major map.</li> </ul>
Related Area Course	3	C	
Global Awareness (G)	3		
Historical Awareness (H)	3		
Elective	3		
Term hours subtotal:	15		

Term 5 63 - 78 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 TWC 301: Fundamentals of Writing for Digital Media (L)	3	C	
 TWC 401: Fundamentals of Technical Communication (L)	3	C	
 TWC 422: Social Media in the Workplace	3	C	
TWC Upper Division Elective	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 TWC 421: Principles of Web Authoring (L)	3	C	<ul style="list-style-type: none"> <li>Students select nine credit hours of Concentration Elective Courses, including three upper division hours, from the track courses listed at the bottom of the major map.</li> <li>Use Handshake to research <b>employment opportunities</b>.</li> </ul>
TWC 451: Copyright and Intellectual Property in the Electronic Age	3	C	
TWC 455: Digital Ethics in Internet Policy and Governance	3	C	
Concentration Elective Course	3	C	
TWC Upper Division Elective	3	C	
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 105 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 TWC 411: Principles of Visual Communication (L)	3	C	<ul style="list-style-type: none"> <li>Students select nine credit hours of Concentration Elective Courses, including three upper division hours, from the track courses listed at the bottom of the major map.</li> <li>Gather <b>professional references</b>.</li> <li>Apply for <b>full-time career opportunities</b>.</li> </ul>
TWC 431: Principles of Technical Editing	3	C	
TWC 452: Information in the Digital Age	3	C	
Upper Division Concentration Elective Course	3	C	
Term hours subtotal:	12		

Term 8 105 - 120 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 TWC 490: Capstone	3	C	
MCO 307: The Digital Audience	3	C	
TWC 4** Elective	3	C	

TWC Upper Division Elective	3	C
Elective OR TWC 484: Internship	3	
Term hours subtotal:	15	

Hide Course List(s)/Track Group(s)

Concentration Elective Courses
AME 325: Technical Lives
AME 470: Programming for Social and Interactive Media
AME 494: Reading the Algorithm
GIT 402: New Media Internet Technologies
HSE 224: Applied Social Science (SB)
HSE 225: Human Systems Integration
HSE 390: Qualitative Research Methods (L)
HSE 428: Judgment and Decision Making
MCO 335: Social Media Foundations
MCO 431: Media Entrepreneurship
MCO 433: Social Media Campaigns, Engagement and Research
TWC 414: Visualizing Data and Information
TWC 436: Project Management in Technical Communication
TWC 445: Content Strategy

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.







## 2023 - 2024 Major Map



### Technical Communication (Social Media Management), BS



School/College: [College of Integrative Sciences and Arts](#)



Location: [Online ASU Local](#)

LSTECSMMS

Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 HSE 101: Introduction to Human Systems Engineering (SB) OR PSY 101: Introduction to Psychology (SB)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>Select your <b>career interest communities</b> and play <b>me3@ASU</b>.</li> </ul>
ASU 101-CLS: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Term hours subtotal:	7		
Term 1 - B 7 - 13 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR			<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> <li>Join a <b>student club</b> or professional organization.</li> </ul>
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Mathematics (MA) ( MAT 142 recommended)	3		
Term hours subtotal:	6		
Term 2 - A 13 - 19 Credit Hours	Hours	Minimum Grade	Notes
Computer/Statistics/Quantitative Applications (CS)	3		
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	6		
Term 2 - B 19 - 26 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
Cultural Diversity in the U.S. (C)	3		
Natural Science - Quantitative (SQ)	4		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	7		
Term 3 - A 26 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 Concentration Elective Course	3	C	<ul style="list-style-type: none"> <li>Students select a total of nine credit hours of concentration elective courses, including three upper division hours, from the track courses listed at the bottom of the major map.</li> <li>Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> </ul>
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	6		

Term 3 - B 32 - 38 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
Global Awareness (G)	3		
Humanities, Arts and Design (HU)	3		
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	6		

Term 4 - A 38 - 45 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 Concentration Elective Course	3	C	<ul style="list-style-type: none"> <li>Students select nine credit hours of concentration electives courses, including three upper division hours, from the track courses listed at the bottom of the major map.</li> </ul>
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	7		

Term 4 - B 45 - 51 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 Related Area Course	3	C	<ul style="list-style-type: none"> <li>Students must take six credits in a related area. Select courses that will provide you with additional technical expertise in an area related to your career interest. For example: software industry (software engineering); web authoring (internet and web development); design-related fields (graphic information technology). Related area courses should be selected in consultation with a Technical Communication advisor.</li> <li>Students select nine credits of concentration electives courses, including three upper division hours, from the track courses listed at the bottom of the major map.</li> </ul>
Historical Awareness (H)	3		
Term hours subtotal:	6		

Term 5 - A 51 - 57 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Elective	3		
Term hours subtotal:	6		

Term 5 - B 57 - 63 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 TWC 301: Fundamentals of Writing for Digital Media (L)	3	C	
TWC 422: Social Media in the Workplace	3	C	
Term hours subtotal:	6		

Term 6 - A 63 - 69 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 TWC 401: Fundamentals of Technical Communication (L)	3	C	
Elective	3		
Term hours subtotal:	6		

Term 6 - B 69 - 75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 TWC 421: Principles of Web Authoring (L)	3	C	<ul style="list-style-type: none"> <li>Use Handshake to research <b>employment opportunities</b>.</li> </ul>
TWC Upper Division Elective	3	C	

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 6

Term 7 - A 75 - 81 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ TWC 411: Principles of Visual Communication (L)	3	C	
Elective	3		
Term hours subtotal:	6		

Term 7 - B 81 - 87 Credit Hours	Hours	Minimum Grade	Notes
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MCO 307: The Digital Audience	3	C	
TWC 431: Principles of Technical Editing	3	C	
Term hours subtotal:	6		

Term 8 - A 87 - 93 Credit Hours	Hours	Minimum Grade	Notes
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TWC Upper Division Elective	3	C	
Elective	3		
Term hours subtotal:	6		

Term 8 - B 93 - 99 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ TWC Upper Division Elective	3	C	
★ Related Area Course	3	C	
Term hours subtotal:	6		

- Students must take six credits in a related area. Select courses that will provide you with additional technical expertise in an area related to your career interest. For example: software industry (software engineering); web authoring (internet and web development); design-related fields (graphic information technology). Related area courses should be selected in consultation with a Technical Communication advisor.

Term 9 - A 99 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ TWC 451: Copyright and Intellectual Property in the Electronic Age	3	C	
TWC 4** Elective	3	C	
Term hours subtotal:	6		

- Gather professional references.
- Apply for full-time career opportunities.

Term 9 - B 105 - 111 Credit Hours	Hours	Minimum Grade	Notes
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TWC 452: Information in the Digital Age	3	C	
Upper Division Concentration Elective Course	3	C	
Term hours subtotal:	6		

- Students select nine credit hours of concentration electives courses, including three upper division hours, from the track courses listed at the bottom of the major map.

Term 10 - A 111 - 117 Credit Hours	Hours	Minimum Grade	Notes
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TWC 455: Digital Ethics in Internet Policy and Governance	3	C	
Elective OR TWC 484: Internship	3		
Term hours subtotal:	6		

Term 10 - B 117 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TWC 490: Capstone	3	C	
Term hours subtotal:	3		

Hide Course List(s)/Track Group(s)

Concentration Elective Courses
AME 494: Reading the Algorithm
GIT 402: New Media Internet Technologies
HSE 224: Applied Social Science (SB)
HSE 225: Human Systems Integration
HSE 390: Qualitative Research Methods (L)
HSE 428: Judgment and Decision Making
MCO 335: Social Media Foundations
MCO 431: Media Entrepreneurship
MCO 433: Social Media Campaigns, Engagement and Research
TWC 414: Visualizing Data and Information
TWC 436: Project Management in Technical Communication
TWC 445: Content Strategy

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

#### First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.










## 2023 - 2024 Major Map




### Technical Communication (User Experience), BS




School/College: College of Integrative Sciences and Arts




Location: Polytechnic




LSTECUBS

Term 1 0 - 16 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 HSE 101: Introduction to Human Systems Engineering (SB) OR PSY 101: Introduction to Psychology (SB)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students</li> <li>Select your <b>career interest communities</b> and play <b>me3@ASU</b>.</li> </ul>
ASU 101-CLS: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Cultural Diversity in the U.S. (C)	3		
Mathematics (MA) ( MAT 142 recommended)	3		
Elective	3		
Term hours subtotal:	16		
Term 2 16 - 32 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR			<ul style="list-style-type: none"> <li>Join a <b>student club</b> or professional organization.</li> </ul>
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Computer/Statistics/Quantitative Applications (CS)	3		
Humanities, Arts and Design (HU)	3		
Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		
Term 3 32 - 48 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 Concentration Elective Course	3	C	<ul style="list-style-type: none"> <li>Secure a <b>part-time job</b> or volunteer experience.</li> </ul>
Global Awareness (G)	3		
Humanities, Arts and Design (HU)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	3		
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		
		Minimum	

Term 4 48 - 63 Credit Hours <b>Critical course signified by</b> 	Hours	Grade	Notes
 Concentration Elective Course	3	C	<ul style="list-style-type: none"> <li>Students must take 12 credits in a related area (minimum of 9 credits upper division). Select courses that will provide you with additional technical expertise in an area related to your career interest. For example: Software industry-courses in software engineering; Web authoring - courses in internet and web development; Design-related fields - courses in graphic information technology. Related area courses should be selected in consultation with a Technical Communication advisor.</li> </ul>
 Related Area Course	3	C	
Historical Awareness (H)	3		
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

Term 5 63 - 78 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 TWC 301: Fundamentals of Writing for Digital Media (L)	3	C	
 TWC 401: Fundamentals of Technical Communication (L)	3	C	
HSE 325: Human-Computer Interaction	3	C	
TWC Upper Division Elective	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 TWC 411: Principles of Visual Communication (L)	3	C	<ul style="list-style-type: none"> <li>Students must take 12 credits in a related area (minimum of 9 credits upper division). Select courses that will provide you with additional technical expertise in an area related to your career interest. For example: Software industry-courses in software engineering; Web authoring - courses in internet and web development; Design-related fields - courses in graphic information technology. Related area courses should be selected in consultation with a Technical Communication advisor.</li> <li>Use Handshake to research <b>employment opportunities</b>.</li> </ul>
GIT 340: Information Design and Usability	3	C	
TWC 431: Principles of Technical Editing	3	C	
TWC 484: Internship OR Elective	3		
Upper Division Related Area Course	3	C	
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 TWC 421: Principles of Web Authoring (L)	3	C	<ul style="list-style-type: none"> <li>Students must take 12 credits in a related area (minimum of 9 credits upper division). Select courses that will provide you with additional technical expertise in an area related to your career interest. For example: Software industry-courses in software engineering; Web authoring - courses in internet and web development; Design-related fields - courses in graphic information technology. Related area courses should be selected in consultation with a Technical Communication advisor.</li> <li>Gather <b>professional references</b>.</li> <li>Apply for <b>full-time career opportunities</b></li> </ul>
 TWC 444: User Experience	3	C	
Upper Division Concentration Elective Course	3	C	
Upper Division Related Area Course	3	C	
TWC Upper Division Elective	3	C	
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ TWC 490: Capstone	3	C	<ul style="list-style-type: none"> <li>Students must take 12 credits in a related area (minimum of 9 credits upper division). Select courses that will provide you with additional technical expertise in an area related to your career interest. For example: Software industry- courses in software engineering; Web authoring - courses in internet and web development; Design-related fields - courses in graphic information technology. Related area courses should be selected in consultation with a Technical Communication advisor.</li> </ul>
TWC 484: Internship OR Elective	3		
Upper Division Related Area Course	3	C	
TWC 4** Elective	3	C	
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

Concentration Elective Courses (9 Credits total, 3 Upper Division Credits minimum)
GIT 210: Creative Thinking and Design Visualization
GIT 402: New Media Internet Technologies
HSE 224: Applied Social Science (SB)
HSE 225: Human Systems Integration
HSE 230: Statistics for Human Systems Research I (CS)
HSE 290: Experimental Methods for Human Systems Research (L)
HSE 324: Applied Cognitive Science (SB)
HSE 390: Qualitative Research Methods (L)
HSE 428: Judgment and Decision Making
MCO 307: The Digital Audience
MCO 335: Social Media Foundations
TWC 413: Managing and Analyzing Data
TWC 414: Visualizing Data and Information
TWC 436: Project Management in Technical Communication
TWC 445: Content Strategy

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's

first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>

- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.








## 2023 - 2024 Major Map

### Technical Communication (User Experience), BS

School/College: [College of Integrative Sciences and Arts](#)

Location: [Online ASU Local](#)

LSTECUBS

Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 HSE 101: Introduction to Human Systems Engineering (SB) OR PSY 101: Introduction to Psychology (SB)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students</li> <li>Select your <b>career interest communities</b> and play <b>me3@ASU</b>.</li> </ul>
ASU 101-CLS: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Term hours subtotal:	7		
Term 1 - B 7 - 13 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR			<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> <li>Join a <b>student club</b> or professional organization</li> </ul>
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Mathematics (MA) ( MAT 142 recommended)	3		
Term hours subtotal:	6		
Term 2 - A 13 - 19 Credit Hours	Hours	Minimum Grade	Notes
Computer/Statistics/Quantitative Applications (CS)	3		
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	6		
Term 2 - B 19 - 26 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
Cultural Diversity in the U.S. (C)	3		
Natural Science - Quantitative (SQ)	4		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	7		
Term 3 - A 26 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 Concentration Elective Course	3	C	<ul style="list-style-type: none"> <li>Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> </ul>
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	6		
Term 3 - B 32 - 38 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes

Global Awareness (G)	3
Humanities, Arts and Design (HU)	3
◆ Complete Mathematics (MA) requirement.	
Term hours subtotal:	6

Term 4 - A 38 - 45 Credit Hours Critical course signified by ◆	Hours	Minimum Grade	Notes
◆ Concentration Elective Course	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	7		

Term 4 - B 45 - 51 Credit Hours Critical course signified by ◆	Hours	Minimum Grade	Notes
◆ Related Area Course	3	C	<ul style="list-style-type: none"> <li>Students must take 12 credits in a related area (minimum of 9 credits upper division). Select courses that will provide you with additional technical expertise in an area related to your career interest. For example: Software industry - courses in software engineering; Web authoring - courses in internet and web development; Design-related fields - courses in graphic information technology. Related area courses should be selected in consultation with a Technical Communication advisor.</li> </ul>
Historical Awareness (H)	3		
Term hours subtotal:	6		

Term 5 - A 51 - 57 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Elective	3		
Term hours subtotal:	6		

Term 5 - B 57 - 63 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TWC 301: Fundamentals of Writing for Digital Media (L)	3	C	
HSE 325: Human-Computer Interaction	3	C	
Term hours subtotal:	6		

Term 6 - A 63 - 69 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TWC 401: Fundamentals of Technical Communication (L)	3	C	
Elective	3		
Term hours subtotal:	6		

Term 6 - B 69 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TWC 421: Principles of Web Authoring (L)	3	C	<ul style="list-style-type: none"> <li>Use Handshake to research employment opportunities.</li> </ul>
TWC Upper Division Elective	3	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 75 - 81 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
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★ TWC 411: Principles of Visual Communication (L)	3	C	
Elective	3		
Term hours subtotal:	6		

Term 7 - B 81 - 87 Credit Hours	Hours	Minimum Grade	Notes
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GIT 340: Information Design and Usability	3	C	
TWC 431: Principles of Technical Editing	3	C	
Term hours subtotal:	6		

Term 8 - A 87 - 93 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
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★ Upper Division Related Area Course	3	C	
TWC Upper Division Elective	3	C	
Term hours subtotal:	6		

- Students must take 12 credits in a related area (minimum of 9 credits upper division). Select courses that will provide you with additional technical expertise in an area related to your career interest. For example: Software industry - courses in software engineering; Web authoring - courses in internet and web development; Design-related fields - courses in graphic information technology. Related area courses should be selected in consultation with a Technical Communication advisor.

Term 8 - B 93 - 99 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
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★ Upper Division Related Area Course	3	C	
TWC 484: Internship OR Elective	3		
Term hours subtotal:	6		

- Students must take 12 credits in a related area (minimum of 9 credits upper division). Select courses that will provide you with additional technical expertise in an area related to your career interest. For example: Software industry - courses in software engineering; Web authoring - courses in internet and web development; Design-related fields - courses in graphic information technology. Related area courses should be selected in consultation with a Technical Communication advisor.

Term 9 - A 99 - 105 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
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★ TWC 444: User Experience	3	C	
Elective	3		
Term hours subtotal:	6		

- Gather **professional references**.
- Apply for **full-time career opportunities**

Term 9 - B 105 - 111 Credit Hours	Hours	Minimum Grade	Notes
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Upper Division Concentration Elective Course	3	C	
Upper Division Related Area Course	3	C	
Term hours subtotal:	6		

- Students must take 12 credits in a related area (minimum of 9 credits upper division). Select courses that will provide you with additional technical expertise in an area related to your career interest. For example: Software industry -

courses in software engineering; Web authoring - courses in internet and web development; Design-related fields - courses in graphic information technology. Related area courses should be selected in consultation with a Technical Communication advisor.

Term 10 - A 111 - 117 Credit Hours	Hours	Minimum Grade	Notes
TWC 484: Internship OR Elective	3		
TWC 4** Elective	3	C	
Term hours subtotal:	6		

Term 10 - B 117 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TWC 490: Capstone	3	C	
Term hours subtotal:	3		

Hide Course List(s)/Track Group(s)

- Concentration Elective Courses (9 credits total, minimum 3 upper division credits)

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- GIT 210: Creative Thinking and Design Visualization

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- GIT 402: New Media Internet Technologies

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- HSE 224: Applied Social Science (SB)

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- HSE 225: Human Systems Integration

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- HSE 230: Statistics for Human Systems Research I (CS)

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- HSE 290: Experimental Methods for Human Systems Research (L)

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- HSE 324: Applied Cognitive Science (SB)

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- HSE 390: Qualitative Research Methods (L)

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- HSE 428: Judgment and Decision Making

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- MCO 307: The Digital Audience

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- MCO 335: Social Media Foundations

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- TWC 413: Managing and Analyzing Data

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- TWC 414: Visualizing Data and Information

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- TWC 436: Project Management in Technical Communication

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- TWC 445: Content Strategy

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Notes:

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- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.








## 2023 - 2024 Major Map

### Aging, BS

School/College: [New College of Interdisciplinary Arts and Sciences](#)

Location: [West](#)

ASALDBS

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ASB 102: Introduction to Cultural Anthropology (SB & G) OR PSY  101: Introduction to Psychology (SB) OR SOC 101: Introductory Sociology (SB)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101 satisfies this requirement.</li> <li>IAS 300 (three credit hours) is required for all transfer students in place of NEW 101.</li> <li>Select your <a href="#">Career Interest Communities</a> and play <a href="#">me3@ASU</a>.</li> <li>Activate your <a href="#">Handshake</a> account and build out your profile.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
NEW 101: The ASU New College Experience	1		
Humanities, Arts and Design (HU)	3		
Mathematics (MA)	3	C	
Elective	3		
Term hours subtotal:	16		
Term 2 16 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>Create a first draft <a href="#">resume</a>.</li> <li>Join a <a href="#">student club</a> or professional organization.</li> <li>Secure a <a href="#">part-time job</a> or <a href="#">volunteer experience</a>.</li> </ul>
Cultural Diversity in the U.S. (C)	3		
Natural Science - Quantitative (SQ)	4		
<i>Complete 2 courses:</i> Elective	6		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		
Term 3 32 - 48 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
Literacy and Critical Inquiry (L)	3		<ul style="list-style-type: none"> <li>Develop your <a href="#">research skills</a>.</li> <li>Develop your <a href="#">professional skills</a>.</li> </ul>
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Social-Behavioral Sciences (SB)	3		
<i>Complete 2 courses:</i> Elective	6		
 Complete First-Year Composition requirement.			
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		

Term 4 48 - 63 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
⚠ PSY 230: Introduction to Statistics (CS) OR SBS 304: Social Statistics I (CS) OR STP 226: Elements of Statistics (CS)	3	C	<ul style="list-style-type: none"> <li>• Explore an internship, IGLE international experience, or ASU Study Abroad.</li> </ul>
Global Awareness (G)	3		
Humanities, Arts and Design (HU)	3		
Complete 2 courses:	6		
Elective			
Term hours subtotal:	15		

Term 5 63 - 78 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ COM 417: Communication and Aging	3	C	<ul style="list-style-type: none"> <li>• IAS 300 (three credit hours) is required for all transfer students.</li> <li>• Thinking about graduate school? Consider registering for a grad school <b>test prep</b> course.</li> <li>• Develop your <b>professional online presence</b>.</li> </ul>
Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3		
Historical Awareness (H)	3		
Complete 2 courses:	6		
Elective			
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
HRC 310: Social and Cultural Analysis: Method and Theory (C) OR SBS 302: Qualitative Methods OR SBS 303: Quantitative Methods OR PSY 290: Research Methods (L or SG)	3-4	C	<ul style="list-style-type: none"> <li>• Use Handshake to research <b>employment opportunities</b>.</li> <li>• Complete an in person or virtual <b>practice interview</b>.</li> </ul>
SOC 400: Perspectives on Aging (SB)	3	C	
Upper Division Aging Elective	3	C	
Upper Division Second Language: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Upper Division Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15-16		

Term 7 93 - 108 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ SBS 430: Aging and Social Policy	3	C	<ul style="list-style-type: none"> <li>• Gather <b>professional references</b>.</li> </ul>
Upper Division Aging Elective	3	C	
Upper Division Second Language: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Complete 2 courses:			

Upper Division Elective

6

Term hours subtotal: 15

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ SBS 484: Internship	3	C	• Apply for full-time career opportunities.
PSY 447: Psychology of Aging (SB)	3	C	
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	12		

- Upper Division Aging Electives: Select two courses.

#### Hide Course List(s)/Track Group(s)

##### Upper Division Aging Electives

HSC 410: Supporting the Health of Older Adults

HSC 412: Health Issues in Later Life

IAS 450: Philosophical and Spiritual Issues in Death and Dying

SOC 418: Aging and the Life Course (SB & H) or CDE 418: Aging and the Life Course (SB & H)

#### Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

#### General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)

- Historical Awareness (H)

#### First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map





### Applied Computing, BS




School/College: [New College of Interdisciplinary Arts and Sciences](#)

Location: [West](#)

ASACOBs

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ACO 101: Introduction to Computer Science (CS)	3	C	<ul style="list-style-type: none"> <li>Prerequisite MAT coursework may be required in Term 1 to prepare for MAT 210 (or higher-level MA) in Term 2. MAT 117 with a C or better serves as a prerequisite for MAT 210.</li> <li>ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-M satisfies this requirement.</li> <li>IAS 300 (three credit hours) is required for all transfer students in place of NEW 101-M.</li> <li>Select your <b>Career Interest Communities</b> and play <a href="#">me3@ASU</a>.</li> <li>Activate your <b>Handshake</b> account and build out your profile.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
NEW 101-M: The ASU New College Experience	1		
Historical Awareness (H)	3		
Social-Behavioral Sciences (SB)	3		
Elective	3		
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ACO 102: Object-Oriented Programming (CS)	3	C	<ul style="list-style-type: none"> <li>Completion of ACO 101 and ACO 102 (with a C or better) fulfills the New College Proficiency - Language and Cultures requirement.</li> <li>MAT 210 or higher-level (MA) accepted. MAT 251 recommended.</li> <li>Create a first draft <b>resume</b>.</li> <li>Join a <b>student club</b> or professional organization.</li> <li>Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> </ul>
 MAT 210: Brief Calculus (MA) OR MAT 251: Calculus for Life Sciences (MA)	3	C	
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 32 - 48 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ACO 201: Data Structures and Algorithms (CS)	3	C	<ul style="list-style-type: none"> <li>Develop your <b>research skills</b>.</li> <li>Develop your <b>professional skills</b>.</li> </ul>
 MAT 243: Discrete Mathematical Structures	3	C	
Global Awareness (G)	3		
Humanities, Arts and Design (HU)	3		

Natural Science - Quantitative (SQ) OR Natural Science - General (SG) 4

◆ Complete First-Year Composition requirement.

Complete Mathematics (MA) requirement.

Term hours subtotal: 16

Term 4 48 - 63 Credit Hours Critical course signified by ◆	Hours	Minimum Grade	Notes
◆ ACO 240: Introduction to Programming Languages	3	C	<ul style="list-style-type: none"> <li>Explore an <b>internship</b>, an <b>IGLE international experience</b>, or <b>ASU study abroad</b>.</li> </ul>
◆ STP 226: Elements of Statistics (CS)	3	C	
Humanities, Arts and Design (HU)	3		
Literacy and Critical Inquiry (L)	3		
Elective	3		
Term hours subtotal:	15		

Term 5 63 - 78 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ACO 320: Database Systems	3	C	<ul style="list-style-type: none"> <li>IAS 300 (three credit hours) is required for all transfer students.</li> <li>Thinking about graduate school? Consider registering for a grad school <b>test prep course</b>.</li> <li>Develop your <b>professional online presence</b>.</li> </ul>
★ ACO 330: Computer Networks	3	C	
Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3		
Cultural Diversity in the U.S. (C)	3		
Elective	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ACO 350: Systems Programming (CS)	3	C	<ul style="list-style-type: none"> <li>See academic advisor to discuss setting up capstone/experiential learning coursework.</li> <li>Use Handshake to research <b>employment opportunities</b>.</li> <li>Complete an in person or virtual <b>practice interview</b>.</li> </ul>
Upper Division Applied Computing Elective	3	C	
Diversity Elective	3	C	
Liberal Arts Elective	3	C	
Upper Division Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Applied Computing Capstone/Experiential Learning Requirement 1	3	C	<ul style="list-style-type: none"> <li>Completion of all major MAT/STP coursework (MAT 210, 243, and STP 226) and the ACO Core (101/102/201/240/320/330/350) with a C or better is required prior to enrollment in the experiential learning courses (ACO 484, ACO 494, ACO 499). This is a two-semester requirement.</li> <li>Experiential learning courses may not be taken concurrently in the same semester. Only one of ACO 484 Hacking for Defense or ACO 494 Industry Capstone Projects may apply for three out of the six credit hours.</li> <li>All students must take at least three credit hours of ACO 484 or ACO 499, and may</li> </ul>
Upper Division Applied Computing Elective	3	C	
Upper Division Communication Elective	3	C	
Upper Division Ethics Elective AND Upper Division Humanities, Arts and Design (HU)	3	C	
Upper Division Liberal Arts Elective	3	C	
Term hours subtotal:	15		

choose to take all six credit hours as ACO 484 and/or ACO 499, if they desire. See academic advisor for questions.

- Gather **professional references**.

Term 8 108 - 120 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Upper Division Applied Computing Capstone/Experiential Learning Requirement 2	3	C	<ul style="list-style-type: none"> <li>• Completion of all major MAT/STP coursework (MAT 210, 243, and STP 226) and the ACO Core (101/102/201/240/320/330/350) with a C or better is required prior to enrollment in the experiential learning courses (ACO 484, ACO 494, ACO 499). This is a two-semester requirement.</li> <li>• Experiential learning courses may not be taken concurrently in the same semester. Only one of ACO 484 Hacking for Defense or ACO 494 Industry Capstone Projects may apply for three out of the six credit hours.</li> <li>• All students must take at least three credit hours of ACO 484 or ACO 499, and may choose to take all six credit hours as ACO 484 and/or ACO 499, if they desire. See academic advisor for questions.</li> <li>• Apply for <b>full-time career opportunities</b>.</li> </ul>
Upper Division Applied Computing Elective	3	C	
Upper Division Liberal Arts Elective	3	C	
Upper Division Elective	3		
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

Upper Division Applied Computing Electives	Upper Division Applied Computing Capstone/Experiential Learning Requirement 1	Upper Division Applied Computing Capstone/Experiential Learning Requirement 2
ACO 321: Database Development & Applications	ACO 484: Internship	ACO 484: Internship
ACO 331: Network Forensics Analysis	ACO 494: Hacking for Defense	ACO 499: Individualized Instruction
ACO 351: Governance, Risk and Compliance	ACO 494: Industry Capstone Projects	
ACO 361: Secure Coding Concepts	ACO 499: Individualized Instruction	
ACO 394: Special Topics		
ACO 420: Big Data Systems		
ACO 423: Data Science		
ACO 430: Wireless Networks and Security		
ACO 431: Network Security		
ACO 432: Distributed Systems		
ACO 461: Security Operations		
ACO 494: Special Topics		
Upper Division Communication Elective	Upper Division Ethics Electives	Diversity Electives
COM 316: Gender and Communication (SB & C)	IAS 340: Bioethics (HU)	ASB 211: Women in Other Cultures ((HU or SB) & G)



COM 317: Nonverbal Communication (SB)	IAS 406: Moral Dilemmas (L or HU) or PHI 406: Moral Dilemmas (L or HU)	COM 263: Elements of Intercultural Communication (SB & C & G)
COM 353: Professional Communication		ENG 317: Cross-Cultural Writing ((L or HU) & G)
COM 371: Language, Culture, and Communication (SB & C & G)	IAS 407: Environmental Philosophy and Policy (L or HU) or PHI 407: Environmental Philosophy and Policy (L or HU)	POS 480: Global Justice (G) or SBS 480: Global Justice (G)
COM 415: Risk Communication	IAS 409: Eco-Community Ethics (HU) or PHI 409: Eco-Community Ethics (HU)	PSY 385: Psychology of Gender (SB)
COM 416: Gender and Race in the Media	PHI 306: Applied Ethics (HU)	REL 390: Women, Gender and Religion (HU & G) or WST 390: Women, Gender and Religion (HU & G)
COM 457: New Media	PHI 360: Business and Professional Ethics (HU)	SBS 301: Cultural Diversity ((L or SB) & C)
COM 459: Theory and Methods of Social Media Networks		WST 220: Gender, Media and Culture (HU & C)
COM 471: Global Media and Cultural Identity (G)		
COM 477: Sport, Culture, and Discourses		
Liberal Arts Electives		
AMS Elective		
ASB Elective		
COM Elective		
DST Elective		
ENG Elective		
ETH Elective		
HRC Elective		
HST Elective		
IAP Elective		
IAS Elective		
JHR Elective		
LAS Elective		
NEW Elective		
PAX Elective		
PHI Elective		
POS Elective		
PSY Elective		
REL Elective		
SBS Elective		
SOC Elective		
SPA Elective		
WST Elective		

**Notes:**

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- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map





### Applied Computing (Cybersecurity), BS




School/College: [New College of Interdisciplinary Arts and Sciences](#)

Location: [West](#)

ASACOCBS

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ACO 101: Introduction to Computer Science (CS)	3	C	<ul style="list-style-type: none"> <li>Prerequisite MAT coursework may be required in Term 1 to prepare for MAT 210 (or higher-level MA) in Term 2. MAT 117 with a C or better serves as a prerequisite for MAT 210.</li> <li>ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-M satisfies this requirement.</li> <li>IAS 300 (three credit hours) is required for all transfer students in place of NEW 101-M.</li> <li>Select your <b>Career Interest Communities</b> and play <a href="#">me3@ASU</a>.</li> <li>Activate your <b>Handshake</b> account and build out your profile.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
NEW 101-M: The ASU New College Experience	1		
PSY 101: Introduction to Psychology (SB)	3	C	
Historical Awareness (H)	3		
Elective	3		
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ACO 102: Object-Oriented Programming (CS)	3	C	<ul style="list-style-type: none"> <li>Completion of ACO 101 and ACO 102 (with a C or better) fulfills the New College Proficiency - Language and Cultures requirement.</li> <li>MAT 210 or higher-level (MA) accepted. MAT 251 recommended.</li> <li>Create a first draft <b>resume</b>.</li> <li>Join a <b>student club</b> or professional organization.</li> <li>Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> </ul>
 MAT 210: Brief Calculus (MA) OR MAT 251: Calculus for Life Sciences (MA)	3	C	
COM 100: Introduction to Human Communication (SB)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Natural Science - Quantitative (SQ)	4		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 32 - 48 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ACO 201: Data Structures and Algorithms (CS)	3	C	<ul style="list-style-type: none"> <li>Develop your <b>research skills</b>.</li> <li>Develop your <b>professional skills</b>.</li> </ul>
 MAT 243: Discrete Mathematical Structures	3	C	
Global Awareness (G)	3		
Humanities, Arts and Design (HU)	3		

Natural Science - Quantitative (SQ) OR Natural Science - General (SG) 4

◆ Complete First-Year Composition requirement.

Complete Mathematics (MA) requirement.

Term hours subtotal: 16

Term 4 48 - 63 Credit Hours Critical course signified by ◆	Hours	Minimum Grade	Notes
◆ ACO 240: Introduction to Programming Languages	3	C	<ul style="list-style-type: none"> <li>Explore an <b>internship</b>, an <b>IGLE international experience</b>, or <b>ASU study abroad</b>.</li> </ul>
◆ STP 226: Elements of Statistics (CS)	3	C	
Humanities, Arts and Design (HU)	3		
Literacy and Critical Inquiry (L)	3		
Elective	3		
Term hours subtotal:	15		

Term 5 63 - 78 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ACO 320: Database Systems	3	C	<ul style="list-style-type: none"> <li>IAS 300 (three credit hours) is required for all transfer students.</li> <li>Thinking about graduate school? Consider registering for a grad school <b>test prep course</b>.</li> <li>Develop your <b>professional online presence</b>.</li> </ul>
★ ACO 330: Computer Networks	3	C	
Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3		
Cultural Diversity in the U.S. (C)	3		
Elective	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ACO 350: Systems Programming (CS)	3	C	<ul style="list-style-type: none"> <li>See academic advisor to discuss setting up capstone/experiential learning coursework.</li> <li>Use Handshake to research <b>employment opportunities</b>.</li> <li>Complete an in person or virtual <b>practice interview</b>.</li> </ul>
ACO 361: Secure Coding Concepts	3	C	
ACO 430: Wireless Networks and Security	3	C	
Diversity Elective	3	C	
Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Applied Computing Capstone/Experiential Learning Requirement 1	3	C	<ul style="list-style-type: none"> <li>Completion of all major MAT/STP coursework (MAT 210, 243, and STP 226) and the ACO Core (101/102/201/240/320/330/350) with a C or better is required prior to enrollment in the experiential learning courses (ACO 484, ACO 494, ACO 499). This is a two-semester requirement.</li> <li>Experiential learning courses may not be taken concurrently in the same semester. Only one of ACO 484 Hacking for Defense or ACO 494 Industry Capstone Projects may apply for three out of the six credit hours.</li> <li>All students must take at least three credit hours of ACO 484 or ACO 499, and may</li> </ul>
ACO 431: Network Security	3	C	
Upper Division Communication Elective	3	C	
Upper Division Cybersecurity Elective	3	C	
Upper Division Ethics Elective AND Upper Division Humanities, Arts and Design (HU)	3	C	
Term hours subtotal:	15		

choose to take all six credit hours as ACO 484 and/or ACO 499, if they desire. See academic advisor for questions.

- If ACO 394 or ACO 494 is taken to meet the Upper Division Cybersecurity Elective requirement, it must be a security-related topic. See academic advisor prior to enrollment.
- Gather **professional references**.

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Applied Computing Capstone/Experiential Learning Requirement 2	3	C	<ul style="list-style-type: none"> <li>• Completion of all major MAT/STP coursework (MAT 210, 243, and STP 226) and the ACO Core (101/102/201/240/320/330/350) with a C or better is required prior to enrollment in the experiential learning courses (ACO 484, ACO 494, ACO 499). This is a two-semester requirement.</li> <li>• Experiential learning courses may not be taken concurrently in the same semester. Only one of ACO 484 Hacking for Defense or ACO 494 Industry Capstone Projects may apply for three out of the six credit hours.</li> <li>• All students must take at least three credit hours of ACO 484 or ACO 499, and may choose to take all six credit hours as ACO 484 and/or ACO 499, if they desire. See academic advisor for questions.</li> <li>• Apply for <b>full-time career opportunities</b>.</li> </ul>
Upper Division Cybersecurity Elective	3	C	
Complete 2 courses:			
Upper Division Elective	6		
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

Upper Division Cybersecurity Elective	Upper Division Applied Computing Capstone/Experiential Learning Requirement 1	Upper Division Applied Computing Capstone/Experiential Learning Requirement 2
ACO 331: Network Forensics Analysis		
ACO 351: Governance, Risk and Compliance	ACO 484: Internship	ACO 484: Internship
ACO 394: Special Topics	ACO 494: Hacking for Defense	ACO 499: Individualized Instruction
ACO 401: Managing Cyber Risks in Enterprise Business Processes or CIS 401: Managing Cyber Risks in Enterprise Business Processes	ACO 494: Industry Capstone Projects	
	ACO 499: Individualized Instruction	
ACO 402: Privacy, Ethics and Compliance Issues or CIS 402: Privacy, Ethics and Compliance Issues		
ACO 461: Security Operations		
ACO 494: Special Topics		
FOR 350: Computer Forensics		
Upper Division Communication Elective	Diversity Elective	Upper Division Ethics Elective
COM 316: Gender and Communication (SB & C)	ASB 211: Women in Other Cultures ((HU or SB) & G)	IAS 340: Bioethics (HU)

COM 317: Nonverbal Communication (SB)	COM 263: Elements of Intercultural Communication (SB & C & G)	IAS 406: Moral Dilemmas (L or HU) or PHI 406: Moral Dilemmas (L or HU)
COM 353: Professional Communication		IAS 407: Environmental Philosophy and Policy (L or HU) or PHI 407: Environmental Philosophy and Policy (L or HU)
COM 371: Language, Culture, and Communication (SB & C & G)	ENG 317: Cross-Cultural Writing ((L or HU) & G)	
COM 415: Risk Communication	POS 480: Global Justice (G) or SBS 480: Global Justice (G)	IAS 409: Eco-Community Ethics (HU) or PHI 409: Eco-Community Ethics (HU)
COM 416: Gender and Race in the Media	PSY 385: Psychology of Gender (SB)	PHI 306: Applied Ethics (HU)
COM 457: New Media	SBS 301: Cultural Diversity ((L or SB) & C)	PHI 360: Business and Professional Ethics (HU)
COM 459: Theory and Methods of Social Media Networks	WST 220: Gender, Media and Culture (HU & C)	
COM 471: Global Media and Cultural Identity (G)	WST 390: Women, Gender and Religion (HU & G) or REL 390: Women, Gender and Religion (HU & G)	
COM 477: Sport, Culture, and Discourses		

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.












## 2023 - 2024 Major Map

### Applied Mathematics, BS

School/College: [New College of Interdisciplinary Arts and Sciences](#)

Location: [West](#)

ASMATBS

Term 1 0 - 14 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ACO 101: Introduction to Computer Science (CS)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-M satisfies this requirement.</li> <li>IAS 300 (three credit hours) is required for all transfer students in place of NEW 101-M.</li> <li>Select your <a href="#">Career Interest Communities</a> and play <a href="#">me3@ASU</a>.</li> <li>Activate your <a href="#">Handshake</a> account and build out your profile.</li> </ul>
 MAT 270: Calculus with Analytic Geometry I (MA)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
NEW 101-M: The ASU New College Experience	1		
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	14		
Term 2 14 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ACO 102: Object-Oriented Programming (CS)	3	C	<ul style="list-style-type: none"> <li>Create a first draft <a href="#">resume</a>.</li> <li>Join a <a href="#">student club</a> or professional organization.</li> <li>Secure a <a href="#">part-time job</a> or <a href="#">volunteer experience</a>.</li> </ul>
 MAT 271: Calculus with Analytic Geometry II (MA)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Global Awareness (G)	3		
Social-Behavioral Sciences (SB)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		
Term 3 30 - 44 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 272: Calculus with Analytic Geometry III (MA)	4	C	<ul style="list-style-type: none"> <li>Develop your <a href="#">research skills</a>.</li> <li>Develop your <a href="#">professional skills</a>.</li> </ul>
STP 280: Probability and Statistics for Researchers (CS)	3	C	
Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB)	3		
 Complete First-Year Composition requirement. Complete Mathematics (MA) requirement.			
Term hours subtotal:	14		
Term 4 44 - 60 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes

♦ MAT 275: Modern Differential Equations (MA)	3	C
STP 281: Statistical Analysis for Researchers	3	C
Cultural Diversity in the U.S. (C)	3	
Humanities, Arts and Design (HU)	3	
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4	
Term hours subtotal:	16	

- Explore an internship, an IGLE international experience, or ASU study abroad.

Term 5 60 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MAT 300: Mathematical Structures (L)	3	C	<ul style="list-style-type: none"> <li>• IAS 300 (three credit hours) is required for all transfer students.</li> <li>• Thinking about graduate school? Consider registering for a grad school test prep course.</li> <li>• Develop your professional online presence</li> </ul>
★ MAT 343: Applied Linear Algebra	3	C	
Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3		
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MAT 371: Advanced Calculus I	3	C	<ul style="list-style-type: none"> <li>• Use Handshake to research employment opportunities.</li> <li>• Complete an in person or virtual practice interview.</li> </ul>
MAT 350: Techniques and Applications of Applied Mathematics	3	C	
MAT 421: Applied Computational Methods (CS)	3	C	
Upper Division Humanities, Arts and Design (HU) AND Historical Awareness (H) ( MAT 411 recommended) OR Upper Division Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3		
Upper Division Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MAT 452: Introduction to Chaos and Nonlinear Dynamics	3	C	<ul style="list-style-type: none"> <li>• Gather professional references.</li> </ul>
Complete 2 courses: Upper Division Applied Math Elective	6	C	
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MAT 450: Mathematical Models in Biology OR MAT 451: Mathematical Modeling (CS)	3	C	<ul style="list-style-type: none"> <li>• Apply for full-time career opportunities.</li> </ul>
Upper Division Applied Math Elective	3	C	
Upper Division Elective OR LSC 484: Internship	3		
Complete 2 courses: Elective	6		
Term hours subtotal:	15		



- Complete nine credits of Upper Division Applied Math Electives. Maximum of six credit hours of MAT 499 are allowed. If also taking MAT 492, then only three credit hours of MAT 499 are allowed. Grade of C or better is required.

Hide Course List(s)/Track Group(s)

Upper Division Applied Math Electives
ACO 320: Database Systems
ACO 331: Network Forensics Analysis
ACO 420: Big Data Systems
ACO 421: Data Mining and Warehousing
ACO 422: XML and Databases
ACO 423: Data Science
LSC 388: STEM Research Fundamentals
MAT 419: Introduction to Linear Optimization (CS)
MAT 429: Optimization
MAT 443: Introduction to Abstract Algebra
MAT 445: Theory of Numbers
MAT 450: Mathematical Models in Biology or MAT 451: Mathematical Modeling (CS)
MAT 461: Applied Complex Analysis
MAT 462: Applied Partial Differential Equations
MAT 472: Intermediate Real Analysis I
MAT 484: Internship
MAT 492: Honors Directed Study
MAT 494: Special Topics
MAT 499: Individualized Instruction
STP 310: Design and Analysis of Experiments
STP 311: Regression and Time Series Analyses
STP 421: Probability
STP 427: Mathematical Statistics
STP 450: Nonparametric Statistics

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's

first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>

- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

## 2023 - 2024 Major Map

### Applied Science, **BAS**

School/College: New College of Interdisciplinary Arts and Sciences

Location: West

ASBASBAS

- Students may complete the BAS program requirements in 45-60 upper-division credit hours, determined by choice of area of concentration and number of general studies requirements completed in AAS degree.
- Working with an advisor, students will select a minor available at ASU or construct an individualized concentration with a coherent theme or purpose.

Applicable Community College Prerequisites 0 - 60 Credit Hours	Hours	Minimum Grade	Notes
AAS Transfer Degree Block	60		
Term hours subtotal:	60		<ul style="list-style-type: none"> <li>• Students may meet lower division general studies requirements with the AAS degree.</li> <li>• Students must complete all ASU general studies requirements in order to earn ASU BAS degree.</li> <li>• Students should work with their academic advisor to run DARS graduation audit to determine needed general studies requirements.</li> </ul>

Term 5 60 - 72 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ IAS 300: Career Strategies and Personal Resilience (L or SB)	3	C	
IAP 361: Digital Editing and Media Literacy (CS) OR PHI 319: Philosophy, Computing and Artificial Intelligence (CS)	3	C	
Complete 2 courses:	6		
Any needed lower division General Studies requirement OR Elective			
Term hours subtotal:	12		<ul style="list-style-type: none"> <li>• Core requirements and area of concentration courses may be used to apply toward general studies requirements, as allowed.</li> <li>• Select your <b>Career Interest Communities</b> and play <b>me3@ASU</b>.</li> <li>• Activate your <b>Handshake</b> account and build out your profile.</li> <li>• Create a first draft <b>resume</b>.</li> <li>• Join a <b>student club</b> or professional organization.</li> </ul>

Term 6 72 - 87 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
IAS 305: Work and Identity (SB) OR COM 316: Gender and Communication (SB & C)	3	C	
Upper Division Aesthetics/Creativity AND Humanities, Arts and Design (HU)	3	C	
Upper Division Concentration Course	3	C	
Upper Division Elective	3		
			<ul style="list-style-type: none"> <li>• Upper Division Concentration Course: Students will work with their advisor to select a minor or construct an individualized concentration with a coherent theme or purpose.</li> </ul>

Any needed lower division General Studies requirement OR Elective	3
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).	
Term hours subtotal:	15

- Students should work with their academic advisor to determine any needed general studies requirements and take those in place of electives.
- Secure a **part-time job** or **volunteer experience**.
- Develop your **research skills**.
- Develop your **professional skills**.
- Explore an **internship**, an **IGLE international experience**, or **ASU Study Abroad**.

Term 7 87 - 102 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Complete 2 courses: Upper Division Concentration Course	6	C	<ul style="list-style-type: none"> <li>• Thinking about graduate school? Consider registering for a grad school <b>test prep</b> course.</li> <li>• Develop your <b>professional online presence</b>.</li> <li>• Use Handshake to research <b>employment opportunities</b>.</li> </ul>
ENG 301: Writing for the Professions (L)	3	C	
Upper Division Ethics AND Upper Division Humanities, Arts and Design (HU)	3	C	
Any needed lower division General Studies requirement OR Elective	3		
Term hours subtotal:	15		

Term 8 102 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ IAS 480: Capstone: Practices and Approaches OR IAS 484: Internship	3	C	<ul style="list-style-type: none"> <li>• Complete an in person or virtual <b>practice interview</b>.</li> <li>• Gather <b>professional references</b>.</li> <li>• Apply for <b>full-time career opportunities</b>.</li> </ul>
ENG 311: Persuasive Writing (L)	3	C	
Complete 3 courses: Upper Division Concentration Course	9	C	
Any needed lower division General Studies requirement OR Elective	3		
Term hours subtotal:	18		

Hide Course List(s)/Track Group(s)

Aesthetics/Creativity	Ethics
ARS 300: Introduction to Art (HU)	IAS 340: Bioethics (HU) or PHI 320: Bioethics (HU)
IAP 301: Energetic Systems of Art: Collaboration in the Arts (HU)	IAS 406: Moral Dilemmas (L or HU) or PHI 406: Moral Dilemmas (L or HU)
IAP 307: Art and War (HU & G)	IAS 407: Environmental Philosophy and Policy (L or HU) or PHI 407: Environmental Philosophy and Policy (L or HU)
IAP 464: Media and Diversity (HU & G)	IAS 409: Eco-Community Ethics (HU) or PHI 409: Eco-Community Ethics (HU)
MUS 340: Music for the Concert Hall, Stage, and Screen (HU & H)	IAS 410: Evolution of Ideas (L or HU)
MUS 347: Jazz in America (HU & C)	IAS 430: Science and Religion (L or HU)
MUS 349: Music in America (HU & H)	PHI 306: Applied Ethics (HU)
MUS 354: Popular Music	PHI 318: Philosophy of Religion (HU)
MUS 355: American Music (HU & C & H)	
MUS 410: History of Women in Music (HU & C & H)	

THE 320: History of the Theatre I (HU & H)

THE 321: History of the Theatre II (HU & H)

PHI 360: Business and Professional Ethics (HU)

PHI 408: Feminist Ethics (HU)

REL 401: Sacred Scriptures and Social Choices (HU & G)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 60 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map




### Biology, BA




School/College: New College of Interdisciplinary Arts and Sciences

Location: West

ASLSCBA




Term 1 0 - 15 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 BIO 181: General Biology I (SQ)	4	C	<ul style="list-style-type: none"> <li>• MAT 170 (MA) or higher-level (MA) accepted.</li> <li>• ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-M satisfies this requirement.</li> <li>• IAS 300 (three credit hours) is required for all transfer students in place of NEW 101-M.</li> <li>• Select your <b>Career Interest Communities</b> and play <b>me3@ASU</b>.</li> <li>• Activate your <b>Handshake</b> account and build out your profile.</li> </ul>
CHM 113: General Chemistry I (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 170: Precalculus (MA)	3	C	
NEW 101-M: The ASU New College Experience	1		
Term hours subtotal:	15		



Term 2 15 - 29 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 BIO 182: General Biology II (SG)	4	C	<ul style="list-style-type: none"> <li>• Create a first draft <b>resume</b>.</li> <li>• Join a <b>student club</b> or professional organization.</li> <li>• Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> </ul>
CHM 116: General Chemistry II (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Computer/Statistics/Quantitative Applications (CS) ( STP 226 recommended)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	14		




Term 3 29 - 43 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 Cognate Requirement Set A OR Cognate Requirement Set B	4	C	<ul style="list-style-type: none"> <li>• Students will complete one of two sets of Cognate coursework over two terms. Choose either Set A or B below.</li> <li>• The only students who need the two semester sequence of organic chemistry courses (CHM 233, CHM 237, CHM 234, and CHM 238) are those who plan to apply to a graduate school in a health profession. All that is required for the degree is CHM 231 and CHM 235.</li> </ul>
CHM 231: Elementary Organic Chemistry (SQ) AND CHM 235: Elementary Organic Chemistry Laboratory (SQ) OR CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I	4	C	
Humanities, Arts and Design (HU)	3		
Social-Behavioral Sciences (SB)	3		
 Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			

Term hours subtotal: 14

- If students select the two semester sequence of organic chemistry, then they will take CHM 234 and 238 in place of elective credits in Term 4.
- Develop your **research skills**.
- Develop your **professional skills**.

Term 4 43 - 60 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 Cognate Requirement Set A OR Cognate Requirement Set B	4	C	<ul style="list-style-type: none"> <li>• Students will complete remaining option in chosen set of Cognate coursework.</li> <li>• If students plan to apply to a graduate school in a health profession and completed CHM 233 and CHM 237 in Term 3, then they should take CHM 234 and CHM 238 in Term 4 (C or better required) instead of electives.</li> <li>• Students who elected to take CHM 231 and CHM 235 in Term 3 should take four credit hours of electives in Term 4.</li> <li>• Explore an <b>internship</b>, an <b>IGLE international experience</b>, or <b>ASU study abroad</b>.</li> </ul>
Global Awareness (G)	3		
Humanities, Arts and Design (HU)	3		
Social-Behavioral Sciences (SB)	3		
Elective ( CHM 234 recommended)	3		
Elective ( CHM 238 recommended)	1		
 Complete CHM 113 and CHM 116 course(s).			
Term hours subtotal:	17		

Term 5 60 - 75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 LSC 347: Fundamentals of Genetics	3	C	<ul style="list-style-type: none"> <li>• Upper Division Biology Electives limited to course list below or BIO, ENV, LSC, MIC, PLB, or PTX courses with BIO 182 as a prerequisite. Up to three credit hours of LSC 388, LSC 484, LSC/BIO 493, LSC/BIO 499, and BIO 495 may be applied to the requirement. Seek academic advising prior to enrollment.</li> <li>• IAS 300 (three credit hours) is required for all transfer students.</li> <li>• Thinking about graduate school? Consider registering for a grad school <b>test prep course</b>.</li> <li>• Develop your <b>professional online presence</b>.</li> </ul>
Upper Division Biology Electives	3	C	
Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3		
Cultural Diversity in the U.S. (C)	3		
Historical Awareness (H)	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 BIO 353: Cell Biology	3	C	<ul style="list-style-type: none"> <li>• Use Handshake to research <b>employment opportunities</b>.</li> <li>• Complete an in person or virtual <b>practice interview</b>.</li> </ul>
BIO 320: Fundamentals of Ecology	3	C	
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Literacy and Critical Inquiry (L) ( BIO 306 recommended)	3		
Upper Division Elective	3		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ <i>Complete 2 courses:</i> Upper Division Biology Electives	6	C	<ul style="list-style-type: none"> <li>Upper Division Biology Electives limited to course list below or BIO, ENV, LSC, MIC, PLB, or PTX courses with BIO 182 as a prerequisite. Up to three credit hours of LSC 388, LSC 484, LSC/BIO 493, LSC/BIO 499, and BIO 495 may be applied to the requirement. Seek academic advising prior to enrollment.</li> <li>Gather <b>professional references</b>.</li> </ul>
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
<i>Complete 2 courses:</i> Elective	6		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ <i>Complete 2 courses:</i> Upper Division Biology Electives	6	C	<ul style="list-style-type: none"> <li>Upper Division Biology Electives limited to course list below or BIO, ENV, LSC, MIC, PLB, or PTX courses with BIO 182 as a prerequisite. Up to three credit hours of LSC 388, LSC 484, LSC/BIO 493, LSC/BIO 499, and BIO 495 may be applied to the requirement. Seek academic advising prior to enrollment.</li> <li>Apply for <b>full-time career opportunities</b>.</li> </ul>
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
<i>Complete 2 courses:</i> Upper Division Elective	6		
Term hours subtotal:	15		

- Upper Division Biology Electives:
  - Up to 3 credit hours of LSC 388, LSC 484, LSC/BIO 493, LSC/BIO 499, or BIO 495 may be applied to this requirement.
  - Upper division BCH, BIO, ENV, LSC, MIC, PLB, or PTX courses may only apply if BIO 182 or higher is required as a prerequisite (or with prior approval from advising). 394/494 Special Topics must be pre-approved.

Hide Course List(s)/Track Group(s)

Upper Division Biology Electives	Cognate Requirement Set A	Cognate Requirement Set B
BCH 371: Modern Concepts in Biochemistry AND BCH 372: Modern Concepts in Biochemistry Laboratory	GLG 108: Water Planet (SQ) or GLG 101: Introduction to Geology I (Physical) (SQ) AND GLG 103: Introduction to Geology I: Laboratory (SQ)	PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ)
BCH Upper Division Elective	PHY 101: Introduction to Physics (SQ)	PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ)
BIO 306: Modes of Biological Thought (L)		
BIO 331: Animal Behavior		
BIO 345: Evolution		
BIO 360: Animal Physiology AND LSC 359: Animal Physiology Laboratory		
BIO 370: Vertebrate Zoology		



BIO 385: Comparative Invertebrate Zoology

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BIO 412: Conservation in Practice

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BIO 422: Ecosystem Ecology

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BIO 431: Genes, Development, and Evolution  
(L)

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BIO 438: Marine Biology

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BIO 443: Applied Molecular Genetics and  
Genomics

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BIO 474: Herpetology

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BIO 495: Undergraduate Research

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BIO Upper Division Elective

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ENV 394: Animal Behavior in a Changing  
Environment or LSC 394: Animal Behavior in  
a Changing Environment

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ENV 410: Soil Science

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ENV Upper Division Elective

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FOR 414: Fundamentals of Forensic  
Entomology

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LSC 362: The Human Environment

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LSC 363: Genes, Race, Gender, and Society  
(L)

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LSC 369: Biology of Human Sexuality

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LSC 388: STEM Research Fundamentals

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LSC 434: Marine Ecology

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LSC 484: Internship

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LSC 493: Honors Thesis (L) or BIO 493:  
Honors Thesis (L)

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LSC 499: Individualized Instruction or BIO  
499: Individualized Instruction

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LSC Upper Division Elective

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MIC 443: The Microbial Universe AND MIC  
444: The Microbial Universe Laboratory

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MIC Upper Division Elective

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PLB 300: Plant Diversity and Evolution (L or  
SG)

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PLB 302: Plants and Civilization (L)

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PLB 308: Plant Physiology

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PLB 310: The Flora of Arizona

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PLB Upper Division Elective

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PTX 301: Basics of Pharmacology and  
Toxicology

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PTX 432: Fundamentals of Pharmacology or  
LSC 432: Fundamentals of Pharmacology

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PTX Upper Division Elective

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**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.




## 2023 - 2024 Major Map




### Biology, BS

School/College: [New College of Interdisciplinary Arts and Sciences](#)

Location: [West, ASU at Lake Havasu](#)

ASLSCBS

Term 1 0 - 15 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 BIO 181: General Biology I (SQ)	4	C	<ul style="list-style-type: none"> <li>• MAT 210 or higher-level (MA) accepted. MAT 251 (MA) recommended. Students considering research or graduate/medical/professional school may consider the MAT 270 and MAT 271 calculus sequence as an alternative (this may require more than 120 credits to complete degree).</li> <li>• ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-M satisfies this requirement.</li> <li>• IAS 300 (three credit hours) is required for all transfer students in place of NEW 101-M.</li> <li>• Select your <b>Career Interest Communities</b> and play <b>me3@ASU</b>.</li> <li>• Activate your <b>Handshake</b> account and build out your profile.</li> </ul>
 MAT 210: Brief Calculus (MA) OR MAT 251: Calculus for Life Sciences (MA)	3	C	
CHM 113: General Chemistry I (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
NEW 101-M: The ASU New College Experience	1		
Term hours subtotal:	15		

Term 2 15 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 BIO 182: General Biology II (SG)	4	C	<ul style="list-style-type: none"> <li>• Students taking MAT 270 AND MAT 271 in place of MAT 210 still must complete a Statistics course. Students wishing to take STP 226 can take MAT 271 in place of STP 226 in Term 2, and then take STP 226 in a later term.</li> <li>• Students considering medical school, graduate school, or research are encouraged to enroll in STP 280 (and 281 the following semester) in place of STP 226 so that they have a full year of statistics. Note that MAT 270 and 271 are prerequisites for STP 280 and 281 respectively. This may require more than 120 hours to complete the degree.</li> <li>• Create a first draft <b>resume</b>.</li> <li>• Join a <b>student club</b> or professional organization.</li> <li>• Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> </ul>
CHM 116: General Chemistry II (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
STP 226: Elements of Statistics (CS)	3	C	
Elective	1		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		

Term 3 30 - 44 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
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❖ PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ)	4	C
CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I	4	C
Humanities, Arts and Design (HU)	3	
Social-Behavioral Sciences (SB)	3	
❖ Complete First-Year Composition requirement.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	14	

- Develop your **research skills**.
- Develop your **professional skills**.

Term 4 44 - 60 Credit Hours Critical course signified by ❖	Hours	Minimum Grade	Notes
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❖ PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ)	4	C
CHM 234: General Organic Chemistry II AND CHM 238: General Organic Chemistry Laboratory II	4	C
Humanities, Arts and Design (HU) AND Global Awareness (G)	3	
Social-Behavioral Sciences (SB)	3	
Elective	2	
❖ Complete CHM 113 AND CHM 116 course(s).		
Term hours subtotal:	16	

- Explore an **internship**, an **IGLE international experience**, or **ASU Study Abroad**.

Term 5 60 - 76 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ LSC 347: Fundamentals of Genetics AND LSC 348: Fundamentals of Genetics Laboratory	4	C
Upper Division Related Area Elective	3	C
Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3	
Cultural Diversity in the U.S. (C)	3	
Historical Awareness (H)	3	
Term hours subtotal:	16	

- See note below regarding Upper Division Related Area Elective requirements.
- IAS 300 (three credit hours) is required for all transfer students.
- Thinking about graduate school? Consider registering for a grad school **test prep course**.
- Develop your **professional online presence**.

Term 6 76 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ BIO 320: Fundamentals of Ecology AND LSC 322: Fundamentals of Ecology Laboratory	4	C
★ BIO 353: Cell Biology AND BIO 354: Cell Biology Laboratory	4	C
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C
Literacy and Critical Inquiry (L) ( BIO 306 recommended)	3	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
Term hours subtotal:	14	

- Use Handshake to research **employment opportunities**.
- Complete an in person or virtual **practice interview**.

		Minimum	
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Term 7 90 - 106 Credit Hours <b>Necessary course signified by</b> ★	Hours	Grade	Notes
★ Upper Division Biology Distribution Course	4	C	<ul style="list-style-type: none"> <li>Students must select a minimum of one lecture or lecture/lab combined course from each one of the three distribution areas: Cellular, Molecular, and Physiological Biology; Integrative Systems Ecology; Organismal Biology.</li> <li>See note below regarding Upper Division Related Area Elective requirement.</li> <li>Gather <b>professional references</b>.</li> </ul>
Upper Division Related Area Elective	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) ( ASB 353 OR SOC 353 recommended)	3		
Complete 2 courses: Elective	6		
Term hours subtotal:	16		

Term 8 106 - 120 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Complete 2 courses: Upper Division Biology Distribution Course	8	C	<ul style="list-style-type: none"> <li>Students must select a minimum of one lecture or lecture/lab combined course from each one of the three distribution areas: Cellular, Molecular, and Physiological Biology; Integrative Systems Ecology; Organismal Biology.</li> <li>Apply for <b>full-time career opportunities</b>.</li> </ul>
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Upper Division Elective	3		
Term hours subtotal:	14		

- Students must select a minimum of one lecture or lecture/lab combined course from each of the three Biology Distribution Areas: Cellular, Molecular and Physiological Biology; Integrative Systems Ecology; and Organismal Biology.
  - Upper Division Related Area Electives limited to courses designated for Biology (or related) majors in BCH, BIO, ENV, LSC, MIC, PLB, or PTX courses with BIO 182 as a prerequisite. Courses taken that do not require BIO 182 as a prerequisite will be used towards general university elective requirements. Not from BIO 305, 310, 312, 365. Special Topics 394/494 may be taken with prior approval. Up to three credit hours of LSC 388, LSC 484, LSC/BIO 493, LSC/BIO 499, and BIO 495 may be applied to this requirement.

Hide Course List(s)/Track Group(s)

Biology Distribution: Cellular, Molecular and Physiological Biology	Biology Distribution: Integrative Systems Ecology	Biology Distribution: Organismal Biology
BCH 371: Modern Concepts in Biochemistry AND BCH 372: Modern Concepts in Biochemistry Laboratory	BIO 345: Evolution	BIO 360: Animal Physiology AND LSC 359: Animal Physiology Laboratory
BIO 431: Genes, Development, and Evolution (L)	BIO 412: Conservation in Practice	BIO 370: Vertebrate Zoology
BIO 443: Applied Molecular Genetics and Genomics AND LSC 447: Molecular Genetics Laboratory	BIO 422: Ecosystem Ecology	BIO 385: Comparative Invertebrate Zoology
PTX 301: Basics of Pharmacology and Toxicology	BIO 438: Marine Biology	BIO 474: Herpetology
	ENV 410: Soil Science	ENV 394: Animal Behavior in a Changing Environment or LSC 394: Animal Behavior in a Changing Environment
	LSC 362: The Human Environment	MIC 443: The Microbial Universe AND MIC 444: The Microbial Universe Laboratory
	LSC 434: Marine Ecology	

PTX 432: Fundamentals of Pharmacology or  
LSC 432: Fundamentals of Pharmacology

PLB 300: Plant Diversity and Evolution (L or  
SG)

PLB 302: Plants and Civilization (L)

PLB 308: Plant Physiology

PLB 310: The Flora of Arizona

#### Upper Division Related Area Electives

BCH Upper Division Elective

BIO Upper Division Elective

ENV Upper Division Elective

LSC Upper Division Elective

PLB Upper Division Elective

PTX Upper Division Elective

#### Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

#### General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map




### Biology (Pharmacology/Toxicology), BS



School/College: [New College of Interdisciplinary Arts and Sciences](#)

Location: [West](#)

ASLSCPBS

Term 1 0 - 15 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 BIO 181: General Biology I (SQ)	4	C	<ul style="list-style-type: none"> <li>• MAT 210 or higher-level (MA) accepted. MAT 251 recommended. Students considering graduate school or research may consider the MAT 270 and MAT 271 calculus sequence as an alternative. This may require more than 120 credit hours to complete the degree.</li> <li>• ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-M satisfies this requirement.</li> <li>• IAS 300 (three credit hours) is required for all transfer students in place of NEW 101-M.</li> <li>• Select your <a href="#">Career Interest Communities</a> and play <a href="#">me3@ASU</a>.</li> <li>• Activate your <a href="#">Handshake</a> account and build out your profile.</li> </ul>
CHM 113: General Chemistry I (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 210: Brief Calculus (MA) OR MAT 251: Calculus for Life Sciences (MA)	3	C	
NEW 101-M: The ASU New College Experience	1		
Term hours subtotal:	15		

Term 2 15 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 BIO 182: General Biology II (SG)	4	C	<ul style="list-style-type: none"> <li>• Students can take MAT 271 in Term 2 and STP 226 in a later term.</li> <li>• Students considering medical school, graduate school, or research are encouraged to enroll in STP 280 (and 281 the following semester) in place of STP 226 so that they have a full year of statistics. Note that MAT 270 and 271 are prerequisites for STP 280 and 281, respectively. This may require more than 120 hours to complete the degree.</li> <li>• Create a first draft <a href="#">resume</a>.</li> <li>• Join a <a href="#">student club</a> or professional organization.</li> <li>• Secure a <a href="#">part-time job</a> or <a href="#">volunteer experience</a>.</li> </ul>
CHM 116: General Chemistry II (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
STP 226: Elements of Statistics (CS)	3	C	
Elective	1		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		

Term 3 30 - 45 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ)	4	C	<ul style="list-style-type: none"> <li>• Develop your <a href="#">research skills</a>.</li> <li>• Develop your <a href="#">professional skills</a>.</li> </ul>
BIO 201: Human Anatomy and Physiology I (SG)	4	C	

CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I	4	C
Social-Behavioral Sciences (SB)	3	
❗ Complete CHM 113 AND CHM 116 course(s).		
❗ Complete First-Year Composition requirement.		
❗ Complete Mathematics (MA) requirement.		
Term hours subtotal:	15	

Term 4 45 - 60 Credit Hours Critical course signified by ❗	Hours	Minimum Grade	Notes
❗ PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ)	4	C	<ul style="list-style-type: none"> <li>• Explore an internship, an IGLE international experience, or ASU study abroad.</li> </ul>
BIO 202: Human Anatomy and Physiology II (SG)	4	C	
CHM 234: General Organic Chemistry II AND CHM 238: General Organic Chemistry Laboratory II	4	C	
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	15		

Term 5 60 - 76 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ LSC 347: Fundamentals of Genetics AND LSC 348: Fundamentals of Genetics Laboratory	4	C	<ul style="list-style-type: none"> <li>• IAS 300 (three credit hours) is required for all transfer students.</li> <li>• Thinking about graduate school? Consider registering for a grad school test prep course.</li> <li>• Develop your professional online presence.</li> </ul>
LSC 362: The Human Environment	3	C	
Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3		
Cultural Diversity in the U.S. (C)	3		
Historical Awareness (H)	3		
Term hours subtotal:	16		

Term 6 76 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ BIO 320: Fundamentals of Ecology AND LSC 322: Fundamentals of Ecology Laboratory	4	C	<ul style="list-style-type: none"> <li>• Use Handshake to research employment opportunities.</li> <li>• Complete an in person or virtual practice interview.</li> </ul>
★ BIO 353: Cell Biology AND BIO 354: Cell Biology Laboratory	4	C	
Upper Division Humanities, Arts and Design (HU) AND Global Awareness (G) OR Upper Division Social-Behavioral Sciences (SB) AND Global Awareness (G) ( ASB 353 OR SOC 353 recommended)	3		
Humanities, Arts and Design (HU)	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	14		

Term 7 90 - 104 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ BCH 371: Modern Concepts in Biochemistry AND BCH 372: Modern Concepts in Biochemistry Laboratory	4	C	<ul style="list-style-type: none"> <li>• Gather professional references.</li> </ul>
★ PTX 432: Fundamentals of Pharmacology OR LSC 432: Fundamentals of Pharmacology	3	C	
MIC 443: The Microbial Universe AND MIC 444: The Microbial Universe Laboratory	4	C	
Upper Division Language and Cultures: Requirement satisfied through the following:			



\* Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.

3 C

Term hours subtotal: 14

**Term 8 104 - 120 Credit Hours Necessary course signified by ★**

Hours	Minimum Grade	Notes
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★ PTX 475: Principles of Toxicology OR LSC 475: Principles of Toxicology

3

• Apply for full-time career opportunities.

BIO 360: Animal Physiology AND LSC 359: Animal Physiology Laboratory

4

C

Humanities, Arts and Design (HU)

3

Social-Behavioral Sciences (SB)

3

Upper Division Language and Cultures: Requirement satisfied through the following:

\* Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.

3

C

Term hours subtotal: 16

Hide Course List(s)/Track Group(s)

**Notes:**

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- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)

- Historical Awareness (H)

#### First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.










## 2023 - 2024 Major Map

### Biotechnology and Bioenterprise, BS

School/College: [New College of Interdisciplinary Arts and Sciences](#)

Location: [West](#)

ASBITEBS

Term 1 0 - 15 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 BIO 181: General Biology I (SQ)	4	C	<ul style="list-style-type: none"> <li>• MAT 210 or higher-level MA accepted. MAT and STP requirements differ according to Focus Area selection: (1) Biotechnology: MAT 210 or higher-level (MA), STP 226. (2) Bioentrepreneurship: MAT 210 or higher-level (MA), STP 226. (3) Biostatistics: MAT 270, MAT 271, STP 280, STP 281.</li> <li>• ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-M satisfies this requirement.</li> <li>• IAS 300 (three credit hours) is required for all transfer students in place of NEW 101-M.</li> <li>• Select your <b>Career Interest Communities</b> and play <a href="#">me3@ASU</a>.</li> <li>• Activate your <b>Handshake account</b> and build out your profile.</li> </ul>
 CHM 113: General Chemistry I (SQ)	4	C	
MAT 210: Brief Calculus (MA) OR MAT 251: Calculus for Life			
 Sciences (MA) OR MAT 270: Calculus with Analytic Geometry I (MA)	3-4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
NEW 101-M: The ASU New College Experience	1		
Term hours subtotal:	15-16		
Term 2 15 - 29 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 BIO 182: General Biology II (SG)	4	C	<ul style="list-style-type: none"> <li>• Focus Area determines STP course in Term 2: for Biotechnology or Bioentrepreneurship Focus Area, complete STP 226; for Biostatistics Focus Area, complete STP 280.</li> <li>• Create a first draft <b>resume</b>.</li> <li>• Join a <b>student club</b> or professional organization.</li> <li>• Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> </ul>
 CHM 116: General Chemistry II (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
STP 226: Elements of Statistics (CS) OR STP 280: Probability and Statistics for Researchers (CS)	3	C	
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	14		
Term 3 29 - 43 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I	4	C	<ul style="list-style-type: none"> <li>• Develop your <b>research skills</b>.</li> <li>• Develop your <b>professional skills</b>.</li> </ul>
PHY 101: Introduction to Physics (SQ)	4	C	
Humanities, Arts and Design (HU)	3		
Social-Behavioral Sciences (SB)	3		

❗ Complete First-Year Composition requirement.

Complete Mathematics (MA) requirement.

Term hours subtotal: 14

Term 4 43 - 58 Credit Hours Critical course signified by ❗	Hours	Minimum Grade	Notes
❗ CHM 234: General Organic Chemistry II AND CHM 238: General Organic Chemistry Laboratory II	4	C	<ul style="list-style-type: none"> <li>• General Elective credit hours will be adjusted depending on chosen Focus Area. Discuss with your academic advisor.</li> <li>• Explore an <a href="#">internship</a>, an <a href="#">IGLE international experience</a>, or <a href="#">ASU Study Abroad</a>.</li> </ul>
Cultural Diversity in the U.S. (C)	3		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Complete 2 courses: Elective	5		
Term hours subtotal:	15		

Term 5 58 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ LSC 347: Fundamentals of Genetics AND LSC 348: Fundamentals of Genetics Laboratory	4	C	<ul style="list-style-type: none"> <li>• Students choosing the Bioentrepreneurship Focus Area should complete TMC 110 as their first Focus Area course.</li> <li>• IAS 300 (three credit hours) is required for all transfer students.</li> <li>• General Elective credit hours will be adjusted depending on chosen Focus Area. Discuss with your academic advisor.</li> <li>• Thinking about graduate school? Consider registering for a grad school <a href="#">test prep course</a>.</li> <li>• Develop your <a href="#">professional online presence</a>.</li> </ul>
Focus Area Course	4-3	C	
Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3		
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	17-16		

Term 6 75 - 89 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ BIO 353: Cell Biology AND BIO 354: Cell Biology Laboratory	4	C	<ul style="list-style-type: none"> <li>• General Elective credit hours will be adjusted depending on chosen Focus Area. Discuss with your academic advisor.</li> <li>• Use Handshake to research <a href="#">employment opportunities</a>.</li> <li>• Complete an in person or virtual <a href="#">practice interview</a>.</li> </ul>
★ Focus Area Course	4-3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Literacy and Critical Inquiry (L)	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	14-13		

Term 7 89 - 104 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MIC 443: The Microbial Universe AND MIC 444: The Microbial Universe Laboratory	4	C	<ul style="list-style-type: none"> <li>• Students in the Biostatistics Focus Area and the Bioentrepreneurship Focus Area complete a Focus Area course in this term.</li> <li>• General Elective credit hours will be adjusted depending on chosen Focus Area. Discuss with your academic advisor.</li> <li>• Gather <a href="#">professional references</a>.</li> </ul>
TEM 230: Creativity and Business Innovation OR LSC 494: Hacking for Defense	3	C	
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Focus Area Course	0-3	C	
Term hours subtotal:			

Complete 2 courses:  
Upper Division Elective 5

Term hours subtotal: 15-18

Term 8 104 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ LSC 484: Internship	3	C	<ul style="list-style-type: none"> <li>• Students in the Bioentrepreneurship Focus Area complete a Focus Area course in this term.</li> <li>• General Elective credit hours will be adjusted depending on chosen Focus Area. Discuss with your academic advisor.</li> <li>• Apply for <b>full-time career opportunities</b>.</li> </ul>
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Focus Area Course	0-3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Complete 2 courses: Upper Division Elective	7-6		
Term hours subtotal:	16-18		

- Students select one Focus Area and complete all courses listed for that Focus Area. General Elective credit hours will be adjusted depending on chosen Focus Area. Please consult your advisor.

Hide Course List(s)/Track Group(s)

Biostatistics Focus Area	Biotechnology Focus Area	Bioentrepreneurship Focus Area
MAT 271: Calculus with Analytic Geometry II (MA)	BCH 371: Modern Concepts in Biochemistry AND BCH 372: Modern Concepts in Biochemistry Laboratory	TMC 110: Understanding the Enterprise
STP 281: Statistical Analysis for Researchers	BIO 443: Applied Molecular Genetics and Genomics AND LSC 447: Molecular Genetics Laboratory	TMC 310: Promotion of the Enterprise
STP 310: Design and Analysis of Experiments		TMC 320: Funding the Enterprise TMC 330: Leading the Enterprise

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum

**General University Requirements Legend**

- General Studies Core Requirements:
- Literacy and Critical Inquiry (L)
  - Mathematical Studies (MA)
  - Computer/Statistics/Quantitative Applications (CS)

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.











## 2023 - 2024 Major Map

### Communication, BA

School/College: [New College of Interdisciplinary Arts and Sciences](#)

Location: [West, ASU at Lake Havasu](#)

ASCOMMBA

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 COM 100: Introduction to Human Communication (SB)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-S satisfies this requirement.</li> <li>IAS 300 (three credit hours) is required for all transfer students in place of NEW 101-S.</li> <li>Select your <a href="#">Career Interest Communities</a> and play <a href="#">me3@ASU</a>.</li> <li>Activate your <a href="#">Handshake</a> account and build out your profile.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
NEW 101-S: The ASU New College Experience	1		
Historical Awareness (H)	3		
Humanities, Arts and Design (HU)	3		
Mathematics (MA) ( MAT 142 recommended)	3	C	
Term hours subtotal:	16		
Term 2 16 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 COM 225: Public Speaking (L)	3	C	<ul style="list-style-type: none"> <li>Create a first draft <a href="#">resume</a>.</li> <li>Join a <a href="#">student club</a> or professional organization.</li> <li>Secure a <a href="#">part-time job</a> or <a href="#">volunteer experience</a>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Global Awareness (G)	3		
Natural Science - Quantitative (SQ)	4		
Elective	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		
Term 3 32 - 48 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 COM 207: Introduction to Communication Inquiry	3	C	<ul style="list-style-type: none"> <li>Develop your <a href="#">research skills</a>.</li> <li>Develop your <a href="#">professional skills</a>.</li> </ul>
 COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3	C	
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB)	3		
Elective	3		
 Complete First-Year Composition requirement.			
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		

Term 4 48 - 63 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
COM 308: Advanced Research Methods in Communication (L) OR ⚠ COM 309: Rhetorical, Interpretive, and Critical Methods in Communication	3	C	<ul style="list-style-type: none"> <li>Explore an <b>internship</b>, an <b>IGLE international experience</b>, or <b>ASU Study Abroad</b>.</li> </ul>
Computer/Statistics/Quantitative Applications (CS)	3		
Cultural Diversity in the U.S. (C)	3		
Humanities, Arts and Design (HU)	3		
Elective	3		
Term hours subtotal:	15		

Term 5 63 - 78 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ COM 308: Advanced Research Methods in Communication (L) OR COM 309: Rhetorical, Interpretive, and Critical Methods in Communication	3	C	<ul style="list-style-type: none"> <li>IAS 300 (three credit hours) is required for all transfer students.</li> <li>Communication Focus Area Electives: Complete five courses from within one recommended focus area or from multiple areas to meet the 15 credit hour requirement; at least 12 credit hours must be upper division.</li> <li>A maximum of six credit hours of COM Experiential Electives may be applied to major requirements (Focus Area Electives and/or Additional COM Electives): COM 314; COM 382; COM 383; COM 483; COM 484; COM 485; COM 498; or COM 499. COM 492 and/or COM 493 may apply to the Communication Focus Area Electives. Other COM courses may apply with advisor approval, including COM 294/394/494 Topics.</li> <li>Thinking about graduate school? Consider registering for a grad school <b>test prep course</b>.</li> <li>Develop your <b>professional online presence</b>.</li> </ul>
Communication Focus Area Elective	3	C	
Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3		
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Communication Focus Area Elective	6	C	<ul style="list-style-type: none"> <li>Communication Focus Area Electives: Complete five courses from within one recommended focus area or from multiple areas to meet the 15 credit hour requirement; at least 12 credit hours must be upper division.</li> <li>A maximum of six credit hours of COM Experiential Electives may be applied to major requirements (Focus Area Electives and/or Additional COM Electives): COM 314; COM 382; COM 383; COM 483; COM 484; COM 485; COM 498; or COM 499. COM 492 and/or COM 493 may apply to the Communication Focus Area Electives. Other COM courses may apply with advisor approval, including COM 294/394/494 Topics.</li> <li>Use Handshake to research <b>employment opportunities</b>.</li> </ul>
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
COM Upper Division Elective	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		



- Complete an in person or virtual **practice interview**.

Term 7 93 - 108 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ COM Upper Division Elective	3	C	<ul style="list-style-type: none"> <li>• Communication Focus Area Electives: Complete five courses from within one recommended focus area or from multiple areas to meet the 15 credit hour requirement; at least 12 credit hours must be upper division.</li> <li>• A maximum of six credit hours of COM Experiential Electives may be applied to major requirements (Focus Area Electives and/or Additional COM Electives): COM 314; COM 382; COM 383; COM 483; COM 484; COM 485; COM 498; or COM 499. COM 492 and/or COM 493 may apply to the Communication Focus Area Electives. Other COM courses may apply with advisor approval, including COM 294/394/494 Topics.</li> <li>• Gather <b>professional references</b>.</li> </ul>
Upper Division Communication Focus Area Elective	3	C	
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ COM Upper Division Elective	3	C	<ul style="list-style-type: none"> <li>• Communication Focus Area Electives: Complete five courses from within one recommended focus area or from multiple areas to meet the 15 credit hour requirement; at least 12 credit hours must be upper division.</li> <li>• A maximum of six credit hours of COM Experiential Electives may be applied to major requirements (Focus Area Electives and/or Additional COM Electives): COM 314; COM 382; COM 383; COM 483; COM 484; COM 485; COM 498; or COM 499. COM 492 and/or COM 493 may apply to the Communication Focus Area Electives. Other COM courses may apply with advisor approval, including COM 294/394/494 Topics.</li> <li>• Apply for <b>full-time career opportunities</b>.</li> </ul>
Upper Division Communication Focus Area Elective	3	C	
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

Communication Focus Area: Communication, Community, and Culture	Communication Focus Area: Strategic and Public Interest Communication	Communication Focus Area: Mediated Communication
COM 110: Elements of Interpersonal Communication (SB)	COM 124: Media and Culture (C)	COM 124: Media and Culture (C)
COM 235: Disability, Justice and Advocacy (C)	COM 222: Argumentation (L)	COM 302: Representations and Self-Representations of Veterans in the Media and the Arts (H & C)
COM 230: Small Group Communication (SB)	COM 259: Communication in Business and the Professions	

COM 250: Communication and the Workplace (SB)	COM 294: Introduction to Strategic Communication	COM 316: Gender and Communication (SB & C)
COM 263: Elements of Intercultural Communication (SB & C & G)	COM 319: Persuasion and Social Influence (SB)	COM 324: Rhetoric and Media Criticism
COM 277: Sport Communication	COM 320: Communication and Consumerism (SB)	COM 363: Latinxs and the Media (C)
COM 302: Representations and Self-Representations of Veterans in the Media and the Arts (H & C)	COM 321: Rhetorical Theory and Research ((L or HU) & H)	COM 416: Gender and Race in the Media
COM 310: Relational Communication (SB)	COM 325: Advanced Public Speaking and Presentations (L)	COM 424: Television Studies and Criticism
COM 312: Communication, Conflict, and Negotiation	COM 328: Communicating Science	COM 427: Crime and Media
COM 314: Inner-City Families: The Cycle of Poverty	COM 342: Oral History and Storytelling	COM 429: Semiotics and Visual Communication
COM 316: Gender and Communication (SB & C)	COM 353: Professional Communication	COM 455: Surveillance and Popular Culture
COM 317: Nonverbal Communication (SB)	COM 414: Crisis Communication	COM 457: New Media
COM 321: Rhetorical Theory and Research ((L or HU) & H)	COM 415: Risk Communication	COM 458: Media and Everyday Life
COM 342: Oral History and Storytelling	COM 421: Rhetoric of Social Issues (HU)	COM 459: Theory and Methods of Social Media Networks
COM 371: Language, Culture, and Communication (SB & C & G)	COM 422: Advanced Argumentation (L)	COM 471: Global Media and Cultural Identity (G)
COM 400: Communication in Professions	COM 423: Facilitating Collaboration and Dialogue	COM 477: Sport, Culture, and Discourses
COM 410: Interpersonal Communication Theory and Research (SB)	COM 426: Political Communication (SB)	
COM 411: Communication in the Family (SB)	COM 453: Communication Training and Development	
COM 413: Resilient Relationships and Communities	COM 454: Rhetorical and Critical Approaches to Public Relations	
COM 417: Communication and Aging	COM 456: Political Communication Campaigns	
COM 421: Rhetoric of Social Issues (HU)	COM 457: New Media	
COM 423: Facilitating Collaboration and Dialogue	COM 482: Communication, Instruction and Training	
COM 427: Crime and Media		
COM 430: Leadership in Group Communication		
COM 432: Forgiveness and Reconciliation		
COM 450: Organizational Communication (SB)		
COM 451: Communication and Work Relationships		
COM 453: Communication Training and Development		
COM 463: Intercultural Communication in a Global Context (SB & G)		

**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map




### Communication, BS




School/College: [New College of Interdisciplinary Arts and Sciences](#)

Location: [West, ASU at Lake Havasu](#)

ASCOMMBS

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 COM 100: Introduction to Human Communication (SB)	3	C	<ul style="list-style-type: none"> <li>• Student should consult an advisor on (MA) course selection to ensure prerequisites for selected Statistics/Research requirement are met.</li> <li>• ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-S satisfies this requirement.</li> <li>• IAS 300 (three credit hours) is required for all transfer students in place of NEW 101-S.</li> <li>• Select your <b>Career Interest Communities</b> and play <a href="#">me3@ASU</a>.</li> <li>• Activate your <b>Handshake</b> account and build out your profile.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
NEW 101-S: The ASU New College Experience	1		
Mathematics (MA) ( MAT 142 recommended)	3	C	
Historical Awareness (H)	3		
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 COM 225: Public Speaking (L)	3	C	<ul style="list-style-type: none"> <li>• Create a first draft <b>resume</b>.</li> <li>• Join a <b>student club</b> or professional organization.</li> <li>• Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Global Awareness (G)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Elective	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 32 - 48 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 COM 207: Introduction to Communication Inquiry	3	C	<ul style="list-style-type: none"> <li>• Student should select PSY 101 to meet (SB) requirement if interested in taking PSY 230 to satisfy three credit hours of Statistics/Research requirement.</li> <li>• Develop your <b>research skills</b>.</li> <li>• Develop your <b>professional skills</b>.</li> </ul>
 COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3	C	
Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB)	3		
Elective	3		

❗ Complete First-Year Composition requirement.

❗ Complete Mathematics (MA) requirement.

Term hours subtotal: 16

Term 4 48 - 63 Credit Hours Critical course signified by ❗	Hours	Minimum Grade	Notes
❗ COM 308: Advanced Research Methods in Communication (L) OR ❗ COM 309: Rhetorical, Interpretive, and Critical Methods in Communication	3	C	<ul style="list-style-type: none"> <li>• Explore an <b>internship</b>, an <b>IGLE</b> international experience, or <b>ASU Study Abroad</b>.</li> </ul>
❗ PSY 230: Introduction to Statistics (CS) OR STP 226: Elements of Statistics (CS)	3	C	
Cultural Diversity in the U.S. (C)	3		
Humanities, Arts and Design (HU)	3		
Elective	3		
Term hours subtotal:	15		

Term 5 63 - 78 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ COM 308: Advanced Research Methods in Communication (L) ★ OR COM 309: Rhetorical, Interpretive, and Critical Methods in Communication	3	C	<ul style="list-style-type: none"> <li>• Communication Focus Area Electives: Complete five courses from within one recommended focus area or from multiple areas to meet the 15 credit hour requirement, at least 12 credit hours of which must be upper division.</li> <li>• A maximum of six credit hours of COM Experiential Electives may be applied to major requirements (Focus Area Electives and/or Additional COM Electives): COM 314; COM 382; COM 383; COM 483; COM 484; COM 485; COM 498; COM 499. COM 492 and/or COM 493 may apply to the Communication Focus Area Electives. Other COM courses may apply with advisor approval, including COM 294/394/494 Topics.</li> <li>• IAS 300 (three credit hours) is required for all transfer students.</li> <li>• Thinking about graduate school? Consider registering for a grad school <b>test prep course</b>.</li> <li>• Develop your <b>professional online presence</b>.</li> </ul>
★ PSY 330: Statistical Methods (CS) OR SBS 304: Social Statistics I (CS) OR STP 420: Introductory Applied Statistics (CS)	3	C	
Communication Focus Area Elective	3	C	
Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3		
Elective	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Communication Focus Area Elective	6	C	<ul style="list-style-type: none"> <li>• Communication Focus Area Electives: Complete five courses from within one recommended focus area or from multiple areas to meet the 15 credit hour requirement, at least 12 credit hours of which must be upper division.</li> <li>• A maximum of six credit hours of COM Experiential Electives may be applied to major requirements (Focus Area Electives and/or Additional COM Electives): COM 314; COM 382; COM 383; COM 483; COM 484; COM 485; COM 498; COM 499. COM 492 and/or COM 493 may apply to the Communication Focus Area</li> </ul>
COM Upper Division Elective	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign	3	C	

language or two (2) semesters of a current computer language.  
Adjustment to upper division hours is required if lower division courses are used.

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 15

Electives. Other COM courses may apply with advisor approval, including COM 294/394/494 Topics.

- Use Handshake to research **employment opportunities**.
- Complete an in person or virtual **practice interview**.

Term 7 93 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
Upper Division Communication Focus Area Elective	3	C	<ul style="list-style-type: none"> <li>• Communication Focus Area Electives: Complete five courses from within one recommended focus area or from multiple areas to meet the 15 credit hour requirement, at least 12 credit hours of which must be upper division.</li> <li>• A maximum of six credit hours of COM Experiential Electives may be applied to major requirements (Focus Area Electives and/or Additional COM Electives): COM 314; COM 382; COM 383; COM 483; COM 484; COM 485; COM 498; COM 499. COM 492 and/or COM 493 may apply to the Communication Focus Area Electives. Other COM courses may apply with advisor approval, including COM 294/394/494 Topics.</li> <li>• Gather <b>professional references</b>.</li> </ul>
★ COM Upper Division Elective	3	C	
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
Upper Division Communication Focus Area Elective	3	C	<ul style="list-style-type: none"> <li>• Communication Focus Area Electives: Complete five courses from within one recommended focus area or from multiple areas to meet the 15 credit hour requirement, at least 12 credit hours of which must be upper division.</li> <li>• A maximum of six credit hours of COM Experiential Electives may be applied to major requirements (Focus Area Electives and/or Additional COM Electives): COM 314; COM 382; COM 383; COM 483; COM 484; COM 485; COM 498; COM 499. COM 492 and/or COM 493 may apply to the Communication Focus Area Electives. Other COM courses may apply with advisor approval, including COM 294/394/494 Topics.</li> <li>• Apply for <b>full-time career opportunities</b>.</li> </ul>
★ COM Upper Division Elective	3	C	
Upper Division Elective OR COM 484: Internship	3		
Elective	3		
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

Communication Focus Area: Communication, Community, and Culture	Communication Focus Area: Mediated Communication	Communication Focus Area: Strategic and Public Interest Communication
COM 110: Elements of Interpersonal Communication (SB)	COM 124: Media and Culture (C)	COM 124: Media and Culture (C)

COM 235: Disability, Justice and Advocacy (C)	COM 302: Representations and Self-Representations of Veterans in the Media and the Arts (H & C)	COM 222: Argumentation (L)
COM 230: Small Group Communication (SB)	COM 316: Gender and Communication (SB & C)	COM 259: Communication in Business and the Professions
COM 250: Communication and the Workplace (SB)	COM 324: Rhetoric and Media Criticism	COM 294: Introduction to Strategic Communication
COM 263: Elements of Intercultural Communication (SB & C & G)	COM 363: Latinxs and the Media (C)	COM 319: Persuasion and Social Influence (SB)
COM 277: Sport Communication	COM 416: Gender and Race in the Media	COM 320: Communication and Consumerism (SB)
COM 302: Representations and Self-Representations of Veterans in the Media and the Arts (H & C)	COM 424: Television Studies and Criticism	COM 321: Rhetorical Theory and Research ((L or HU) & H)
COM 310: Relational Communication (SB)	COM 427: Crime and Media	COM 325: Advanced Public Speaking and Presentations (L)
COM 312: Communication, Conflict, and Negotiation	COM 429: Semiotics and Visual Communication	COM 328: Communicating Science
COM 314: Inner-City Families: The Cycle of Poverty	COM 455: Surveillance and Popular Culture	COM 342: Oral History and Storytelling
COM 316: Gender and Communication (SB & C)	COM 457: New Media	COM 353: Professional Communication
COM 317: Nonverbal Communication (SB)	COM 458: Media and Everyday Life	COM 414: Crisis Communication
COM 321: Rhetorical Theory and Research ((L or HU) & H)	COM 459: Theory and Methods of Social Media Networks	COM 415: Risk Communication
COM 342: Oral History and Storytelling	COM 471: Global Media and Cultural Identity (G)	COM 421: Rhetoric of Social Issues (HU)
COM 371: Language, Culture, and Communication (SB & C & G)	COM 477: Sport, Culture, and Discourses	COM 422: Advanced Argumentation (L)
COM 400: Communication in Professions		COM 423: Facilitating Collaboration and Dialogue
COM 410: Interpersonal Communication Theory and Research (SB)		COM 426: Political Communication (SB)
COM 411: Communication in the Family (SB)		COM 453: Communication Training and Development
COM 413: Resilient Relationships and Communities		COM 454: Rhetorical and Critical Approaches to Public Relations
COM 417: Communication and Aging		COM 456: Political Communication Campaigns
COM 421: Rhetoric of Social Issues (HU)		COM 457: New Media
COM 423: Facilitating Collaboration and Dialogue		COM 482: Communication, Instruction and Training
COM 427: Crime and Media		
COM 430: Leadership in Group Communication		
COM 432: Forgiveness and Reconciliation		
COM 450: Organizational Communication (SB)		
COM 451: Communication and Work Relationships		

COM 453: Communication Training and Development

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COM 463: Intercultural Communication in a Global Context (SB & G)

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COM 477: Sport, Culture, and Discourses

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**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment score** determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.














## 2023 - 2024 Major Map

### Computational Forensics, BS

School/College: [New College of Interdisciplinary Arts and Sciences](#)

Location: [West](#)

ASCPFBS

Term 1 0 - 15 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ACO 101: Introduction to Computer Science (CS)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101-M satisfies this requirement.</li> <li>IAS 300 (three credit hours) is required for all transfer students in place of NEW 101-M.</li> <li>Select your <b>career interest</b> area and play <a href="mailto:me3@asu">me3@ASU</a>.</li> <li>Activate your <b>Handshake</b> account and build out your profile.</li> </ul>
 MAT 270: Calculus with Analytic Geometry I (MA)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
FOR 105: Physical Evidence and the Crime Scene (SQ)	4	C	
NEW 101-M: The ASU New College Experience	1		
Term hours subtotal:	15		
Term 2 15 - 29 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ACO 102: Object-Oriented Programming (CS)	3	C	<ul style="list-style-type: none"> <li>Completion of ACO 101 and ACO 102 (with a C or better) fulfills the New College Proficiency - Language and Cultures Requirement.</li> <li>Create a first draft <b>resume</b>.</li> <li>Join a <b>student club</b> or professional organization.</li> <li>Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> </ul>
 MAT 271: Calculus with Analytic Geometry II (MA)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
FOR 106: Biology Behind the Crime Scene (SQ)	4	C	
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	14		
Term 3 29 - 45 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 272: Calculus with Analytic Geometry III (MA)	4	C	<ul style="list-style-type: none"> <li>Develop your <b>research skills</b>.</li> <li>Develop your <b>professional skills</b>.</li> </ul>
ACO 201: Data Structures and Algorithms (CS)	3	C	
STP 280: Probability and Statistics for Researchers (CS)	3	C	
Global Awareness (G)	3		
Literacy and Critical Inquiry (L)	3		
 Complete First-Year Composition requirement. Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		
Term 4 45 - 60 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes

♦ MAT 275: Modern Differential Equations (MA)	3	C
ACO 240: Introduction to Programming Languages	3	C
MAT 243: Discrete Mathematical Structures OR MAT 300: Mathematical Structures (L)	3	C
STP 281: Statistical Analysis for Researchers	3	C
Social-Behavioral Sciences (SB)	3	
Term hours subtotal:	15	

- Explore an internship, ASU study abroad, or an IGLE international experience.

Term 5 60 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MAT 343: Applied Linear Algebra	3	C	<ul style="list-style-type: none"> <li>• IAS 300 (three credit hours) is required for all transfer students in place of NEW 101.</li> <li>• Thinking about graduate school? Consider registering for a graduate test prep course.</li> <li>• Develop your professional online presence.</li> </ul>
★ STP 310: Design and Analysis of Experiments	3	C	
ACO 320: Database Systems	3	C	
STP 311: Regression and Time Series Analyses	3	C	
Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MAT 350: Techniques and Applications of Applied Mathematics	3	C	<ul style="list-style-type: none"> <li>• Use Handshake to research employment opportunities.</li> <li>• Complete an in person or virtual practice interview.</li> </ul>
ACO 350: Systems Programming (CS)	3	C	
STP 450: Nonparametric Statistics	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ACO 423: Data Science	3	C	<ul style="list-style-type: none"> <li>• Gather professional references.</li> </ul>
Complete 2 courses: Upper Division Computational Forensics Elective	6-8	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	15-17		

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ FOR 350: Computer Forensics	3	C	<ul style="list-style-type: none"> <li>• Apply for full-time career opportunities.</li> </ul>
Complete 2 courses: Computational Forensics Elective	6-8	C	
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	15-17		

Hide Course List(s)/Track Group(s)

Computational Forensics Elective	Upper Division Computational Forensics Elective
ACO 321: Database Development & Applications	ACO 321: Database Development & Applications
ACO 420: Big Data Systems	ACO 420: Big Data Systems
BIO 181: General Biology I (SQ)	FOR 402: Forensic Biology
BIO 182: General Biology II (SG)	LSC 347: Fundamentals of Genetics AND LSC 348: Fundamentals of Genetics Laboratory
CHM 113: General Chemistry I (SQ)	MAT 421: Applied Computational Methods (CS)
CHM 116: General Chemistry II (SQ)	MAT 450: Mathematical Models in Biology
CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I	MAT 452: Introduction to Chaos and Nonlinear Dynamics
CHM 234: General Organic Chemistry II AND CHM 238: General Organic Chemistry Laboratory II	
FOR 286: Principles of Forensic Science	
FOR 402: Forensic Biology	
LSC 347: Fundamentals of Genetics AND LSC 348: Fundamentals of Genetics Laboratory	
MAT 421: Applied Computational Methods (CS)	
MAT 450: Mathematical Models in Biology	
MAT 452: Introduction to Chaos and Nonlinear Dynamics	

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.









## 2023 - 2024 Major Map

### Conflict Resolution, BA

School/College: New College of Interdisciplinary Arts and Sciences

Location: West

ASCNRBA

Term 1 0 - 16 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 COM 100: Introduction to Human Communication (SB)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101-H or NEW 101-S satisfies this requirement.</li> <li>IAS 300 (three credit hours) is required for all transfer students in place of NEW 101-H or NEW 101-S.</li> <li>Select your <b>Career Interest Communities</b> and play <b>me3@ASU</b>.</li> <li>Activate your <b>Handshake</b> account and build out your profile.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
NEW 101-S: The ASU New College Experience OR NEW 101-H: The ASU New College Experience	1		
Humanities, Arts and Design (HU)	3		
Mathematics (MA) ( MAT 142 recommended)	3	C	
Elective	3		
Term hours subtotal:	16		
Term 2 16 - 32 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>Create a first draft <b>resume</b>.</li> <li>Join a <b>student club</b> or professional organization.</li> <li>Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> </ul>
Historical Awareness (H)	3		
Humanities, Arts and Design (HU)	3		
Natural Science - Quantitative (SQ)	4		
Elective	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		
Term 3 32 - 47 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 COM 222: Argumentation (L) OR COM 230: Small Group Communication (SB) OR COM 263: Elements of Intercultural Communication (SB & C & G)	3	C	<ul style="list-style-type: none"> <li>Develop your <b>research skills</b>.</li> <li>Develop your <b>professional skills</b>.</li> </ul>
Computer/Statistics/Quantitative Applications (CS)	3		
Literacy and Critical Inquiry (L)	3		
Complete 2 courses: Elective	6		
 Complete First-Year Composition requirement.			
 Complete Mathematics (MA) requirement.			

Term hours subtotal: 15

Term 4 47 - 63 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
⚠ PAX 230: Introduction to Peace Studies (G) OR JHR 100: Introduction to Social Justice and Human Rights (SB & G)	3	C	<ul style="list-style-type: none"> <li>Explore an internship, an IGLE international experience, or ASU Study Abroad.</li> </ul>
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Complete 2 courses: Elective	6		
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ COM 312: Communication, Conflict, and Negotiation	3	C	<ul style="list-style-type: none"> <li>IAS 300 (three credit hours) is required for all transfer students.</li> <li>Thinking about graduate school? Consider registering for a grad school <b>test prep</b> course.</li> <li>Develop your <b>professional online presence</b>.</li> <li>Conflict Resolution Focus Area: students complete two courses from each of the four focus areas below, for 24 total credit hours.</li> </ul>
Complete 2 courses: Upper Division Conflict Resolution Focus Area Course	6	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Conflict Resolution Focus Area Course	6	C	<ul style="list-style-type: none"> <li>Conflict Resolution Focus Area: students complete two courses from each of the four focus areas below, for 24 total credit hours.</li> <li>Use Handshake to research <b>employment opportunities</b>.</li> <li>Complete an in person or virtual <b>practice interview</b>.</li> </ul>
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Complete 2 courses: Elective	6		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Complete 2 courses: Upper Division Conflict Resolution Focus Area Course	6	C	<ul style="list-style-type: none"> <li>Conflict Resolution Focus Area: students complete two courses from each of the four focus areas below, for 24 total credit hours.</li> <li>Conflict Resolution Program Elective: complete nine credit hours from any focus area, or six credit hours from any focus area plus three credit hours from COM 484, COM 493 or COM 499.</li> <li>Gather <b>professional references</b>.</li> </ul>
Complete 2 courses: Upper Division Conflict Resolution Program Elective	6	C	
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language	3	C	

or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.

Term hours subtotal: 15

Term 8 108 - 120 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Complete 2 courses:			
Upper Division Conflict Resolution Focus Area Course	6	C	<ul style="list-style-type: none"> <li>• Conflict Resolution Focus Area: students complete two courses from each of the four focus areas below, for 24 total credit hours.</li> <li>• Conflict Resolution Program Elective: complete nine credit hours from any focus area, or six credit hours from any focus area plus three credit hours from COM 484, COM 493 or COM 499.</li> <li>• Apply for full-time career opportunities.</li> </ul>
Upper Division Conflict Resolution Program Elective	3	C	
Upper Division Elective	3		
Term hours subtotal:	12		

- Conflict Resolution Focus Area: students complete two courses from each of the four focus areas below, for 24 total credit hours.
- Conflict Resolution Program Elective: complete nine credit hours from any focus area, or six credit hours from any focus area plus three credit hours from COM 484, COM 493 or COM 499.

Hide Course List(s)/Track Group(s)

Relational/Interpersonal Conflict	Work and Organizational Conflict	Global/Intercultural Conflict
COM 310: Relational Communication (SB)	COM 400: Dissent in Organizations	COM 316: Gender and Communication (SB & C)
COM 319: Persuasion and Social Influence (SB)	COM 414: Crisis Communication	COM 342: Oral History and Storytelling
COM 411: Communication in the Family (SB)	COM 415: Risk Communication	COM 371: Language, Culture, and Communication (SB & C & G)
COM 413: Resilient Relationships and Communities	COM 423: Facilitating Collaboration and Dialogue	COM 416: Gender and Race in the Media
COM 417: Communication and Aging	COM 430: Leadership in Group Communication	COM 463: Intercultural Communication in a Global Context (SB & G)
COM 432: Forgiveness and Reconciliation	COM 451: Communication and Work Relationships	COM 471: Global Media and Cultural Identity (G)
		POS 480: Global Justice (G) or SBS 480: Global Justice (G)
		SOC 445: Globalization, Development, and Resistance (SB & G)
Conflict in Political and Social Systems	Conflict Resolution Program Elective	
AMS 449: Hate Speech, Manifestos, and Radical Writings (SB & C) or ETH 449: Hate Speech, Manifestos, and Radical Writings (SB & C) or WST 449: Hate Speech, Manifestos, and Radical Writings (SB & C)	COM 484: Internship	
COM 421: Rhetoric of Social Issues (HU)	COM 493: Honors Thesis (L)	
COM 422: Advanced Argumentation (L)	COM 499: Individualized Instruction	

ENG 456: Studies in Forensic Linguistics or  
PAX 456: Studies in Forensic Linguistics or  
SBS 456: Studies in Forensic Linguistics

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HST 355: Total War and the Crisis of  
Modernity (SB & G & H)

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HST 454: History of Genocide (G & H)

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POS 470: Law and the Political Order (SB)

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SOC 352: Social Change (SB & G & H)

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**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.





## 2023 - 2024 Major Map



### Disability Studies, BA





School/College: New College of Interdisciplinary Arts and Sciences

Location: West



ASDISASBA



Term 1 0 - 16 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 DST 101: Introduction to Disability Studies (C)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101-H satisfies this requirement.</li> <li>IAS 300 (three credits) is required for all transfer students in place of NEW 101.</li> <li>Select your <b>career interest communities</b> and play <b>me3@ASU</b>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
NEW 101-H: The ASU New College Experience	1		
Humanities, Arts and Design (HU)	3		
Mathematics (MA) ( MAT 142 recommended)	3	C	
Elective	3		
Term hours subtotal:	16		



Term 2 16 - 32 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Humanities, Arts and Design (HU)	3		
Natural Science - Quantitative (SQ)	4		
Complete 2 courses:			
Elective	6		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 32 - 47 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 HRC 200: Introduction to Social and Cultural Analysis (SB & C)	3	C	<ul style="list-style-type: none"> <li>Develop your <b>skills</b>.</li> </ul>
Computer/Statistics/Quantitative Applications (CS)	3		
Historical Awareness (H)	3		
Literacy and Critical Inquiry (L)	3		
Elective	3		
 Complete First-Year Composition requirement.			
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	15		

	Minimum
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Term 4 47 - 63 Credit Hours <b>Critical course signified by</b> 	Hours	Grade	Notes
 Global Awareness (G)	3		<ul style="list-style-type: none"> <li>• Explore an <b>internship</b>, an <b>IGLE</b> international experience or <b>ASU Study Abroad</b>.</li> </ul>
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB)	3		
Complete 2 courses: Elective	6		
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 HRC 310: Social and Cultural Analysis: Method and Theory (C)	3	C	<ul style="list-style-type: none"> <li>• IAS 300 (three credit hours) is required for all transfer students.</li> <li>• Develop your <b>professional online presence</b>.</li> </ul>
Complete 2 courses: Upper Division Disability Studies Elective	6	C	
Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3		
Elective	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 DST 322: Social and Cultural Implications of the Many Forms of Disability OR DST 458: Disability and Communication Advocacy	3	C	<ul style="list-style-type: none"> <li>• Use Handshake to research <b>employment opportunities</b>.</li> </ul>
Complete 2 courses: Upper Division Disability Studies Elective	6	C	
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Elective	3		
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 Complete 2 courses: Upper Division Disability Studies Elective	6	C	
Upper Division Social-Behavioral Sciences (SB) OR Upper Division Humanities, Arts and Design (HU)	3		
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 DST 493: Honors Thesis (L) OR HRC 480: Capstone: Practices and Approaches (L) OR IAS 484: Internship	3	C	<ul style="list-style-type: none"> <li>• Complete an in person or virtual <b>practice interview</b>.</li> </ul>
Complete 2 courses:			

Upper Division Disability Studies Elective	6	C
Elective	3	
Term hours subtotal:	12	

- Disability Studies Electives: Complete eight courses (24 credit hours) from the list below with a C or better. DST 322 and DST 458 may only apply once each to either the Core requirements or the Disability Studies Electives.

Hide Course List(s)/Track Group(s)

Upper Division Disability Studies Electives
AMS 449: Hate Speech, Manifestos, and Radical Writings (SB & C) or ETH 449: Hate Speech, Manifestos, and Radical Writings (SB & C) or WST 449: Hate Speech, Manifestos, and Radical Writings (SB & C)
AMS 469: Abject Bodies and the Politics of Trash (SB & C) or ETH 469: Abject Bodies and the Politics of Trash (SB & C) or WST 469: Abject Bodies and the Politics of Trash (SB & C)
ASB 339: Grassroots Social Movements (SB) or SBS 339: Grassroots Social Movements (SB) or SOC 339: Grassroots Social Movements (SB) or POS 339: Grassroots Social Movements (SB)
BIO 312: Bioethics (HU) or IAS 340: Bioethics (HU) or PHI 320: Bioethics (HU)
COM 421: Rhetoric of Social Issues (HU)
DST 322: Social and Cultural Implications of the Many Forms of Disability
DST 394: Civil Rights Law and Accessibility Compliance
DST 394: Disability History
DST 394: Disability Studies Memoir and Writing or ENG 394: Disability Studies Memoir and Writing
DST 394: International Disability Issues
DST 394: Special Topics
DST 458: Disability and Communication Advocacy
DST 494: Disability and Aesthetics or ENG 494: Disability and Aesthetics or IAP 494: Disability and Aesthetics
DST 494: Disability & Media: The Politics of Representation or COM 494: Disability & Media: The Politics of Representation

DST 494: Gender, Sexuality, and Disability

DST 494: Special Topics

ENG 469: Science and Literature or DST 469:  
Science and Literature

FAS 498: Disability and Inclusion or CDE  
498: Disability and Inclusion or SOC 498:  
Disability and Inclusion

HRC 494: Veterans and Critical Disability  
Studies

IAP 494: Accessibility in Digital Arts and  
Design

JMC 366: Journalism Ethics and Diversity

JUS 301: Research in Justice Studies (SB)

JUS 437: The Social Construction of  
Disability and Justice

JUS 494: Policy, Advocacy and Disability

RTH 364: Foundations of Recreation Therapy  
(SB)

SOC 352: Social Change (SB & G & H)

SOC 400: Perspectives on Aging (SB)

SOC 426: Social Inequalities (SB)

WST 444: Gender, Health, and Bodies (SB)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)

- Global Awareness (G)
- Historical Awareness (H)

#### First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.







## 2023 - 2024 Major Map

### Disability Studies, BA




School/College: [New College of Interdisciplinary Arts and Sciences](#)

Location: [Online ASU Local](#)



ASDISASBA

Term 1 - A 0 - 7 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101 satisfies this requirement.</li> <li>IAS 300 (three credit hours) is required for all transfer students in place of NEW 101.</li> <li>Select your <a href="#">Career Interest Communities</a> and play <a href="#">me3@ASU</a>.</li> <li>Activate your <a href="#">Handshake</a> account and build out your profile.</li> </ul>
NEW 101: The ASU New College Experience	1		
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	7		
Term 1 - B 7 - 13 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 DST 101: Introduction to Disability Studies (C)	3	C	<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	6		
Term 2 - A 13 - 19 Credit Hours	Hours	Minimum Grade	Notes
Mathematics (MA) ( MAT 142 recommended)	3	C	<ul style="list-style-type: none"> <li>Review the <a href="#">Career Guide for ASU Online students</a> to learn about available career planning resources.</li> </ul>
Elective	3		
Term hours subtotal:	6		
Term 2 - B 19 - 26 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
Natural Science - Quantitative (SQ)	4		<ul style="list-style-type: none"> <li>Create a first draft <a href="#">resume</a>.</li> </ul>
Elective	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	7		
Term 3 - A 26 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 HRC 200: Introduction to Social and Cultural Analysis (SB & C)	3	C	<ul style="list-style-type: none"> <li>Build your <a href="#">professional skills</a>.</li> </ul>
Elective	3		



Term hours subtotal: 6

Term 3 - B 32 - 38 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
Computer/Statistics/Quantitative Applications (CS)	3		
Elective	3		
 Complete First-Year Composition requirement.			
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	6		


Term 4 - A 38 - 45 Credit Hours	Hours	Minimum Grade	Notes
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		• Explore an IGLE international experience or ASU Study Abroad.
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	7		

Term 4 - B 45 - 51 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 Literacy and Critical Inquiry (L)	3		
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	6		

Term 5 - A 51 - 57 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Disability Studies Elective	3	C	• IAS 300 (three credit hours) is required for all transfer students in place of NEW 101.
Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3		
Term hours subtotal:	6		

Term 5 - B 57 - 63 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 HRC 310: Social and Cultural Analysis: Method and Theory (C)	3	C	
Historical Awareness (H)	3		
Term hours subtotal:	6		

Term 6 - A 63 - 69 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 DST 322: Social and Cultural Implications of the Many Forms of Disability OR DST 458: Disability and Communication Advocacy	3	C	
Global Awareness (G)	3		
Term hours subtotal:	6		

Term 6 - B 69 - 75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
Upper Division Disability Studies Elective	3	C	
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 6

Term 7 - A 75 - 81 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ Upper Division Disability Studies Elective	3	C	<ul style="list-style-type: none"> <li>Thinking about graduate school? Consider registering for a grad school <b>test prep course</b>.</li> </ul>
Upper Division Social-Behavioral Sciences (SB) OR Upper Division Humanities, Arts and Design (HU)	3		
Term hours subtotal:		6	

Term 7 - B 81 - 87 Credit Hours	Hours	Minimum Grade	Notes
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Upper Division Disability Studies Elective	3	C	<ul style="list-style-type: none"> <li>Create your <b>professional online presence</b>.</li> </ul>
Elective	3		
Term hours subtotal:		6	

Term 8 - A 87 - 93 Credit Hours	Hours	Minimum Grade	Notes
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Upper Division Disability Studies Elective	3	C	<ul style="list-style-type: none"> <li>Use Handshake to research <b>employment opportunities</b>.</li> </ul>
Elective	3		
Term hours subtotal:		6	

Term 8 - B 93 - 99 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ Upper Division Disability Studies Elective	3	C	<ul style="list-style-type: none"> <li>Complete an in person or virtual <b>practice interview</b>.</li> </ul>
Elective	3		
Term hours subtotal:		6	

Term 9 - A 99 - 105 Credit Hours	Hours	Minimum Grade	Notes
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Upper Division Disability Studies Elective	3	C	<ul style="list-style-type: none"> <li>Gather <b>professional references</b>.</li> </ul>
Elective	3		
Term hours subtotal:		6	

Term 9 - B 105 - 111 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ Upper Division Disability Studies Elective	3	C	<ul style="list-style-type: none"> <li>Apply for <b>full-time career opportunities</b>.</li> </ul>
Upper Division Elective	3		
Term hours subtotal:		6	

Term 10 - A 111 - 117 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ DST 493: Honors Thesis (L) OR HRC 480: Capstone: Practices and Approaches (L) OR IAS 484: Internship	3	C	
Elective	3		
Term hours subtotal:		6	

Term 10 - B 117 - 120 Credit Hours	Hours	Minimum Grade	Notes
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Elective	3		
Term hours subtotal:		3	



- Disability Studies Electives: Complete eight courses (24 credit hours) from the list below with a C or better. DST 322 and DST 458 may only apply once each to either the Core Requirements or the Disability Studies Electives.

Hide Course List(s)/Track Group(s)

Upper Division Disability Studies Electives

AMS 449: Hate Speech, Manifestos, and Radical Writings (SB & C) or ETH 449: Hate Speech, Manifestos, and Radical Writings (SB & C)

AMS 469: Abject Bodies and the Politics of Trash (SB & C) or ETH 469: Abject Bodies and the Politics of Trash (SB & C)

ASB 339: Grassroots Social Movements (SB) or SBS 339: Grassroots Social Movements (SB) or SOC 339: Grassroots Social Movements (SB) or POS 339: Grassroots Social Movements (SB)

BIO 312: Bioethics (HU) or PHI 320: Bioethics (HU)

DST 322: Social and Cultural Implications of the Many Forms of Disability

DST 394: Civil Rights Law and Accessibility Compliance

DST 394: Disability History

DST 394: Disability Studies Memoir and Writing

DST 394: International Disability Issues

DST 394: Special Topics

DST 458: Disability and Communication Advocacy

DST 494: Disability and Aesthetics or IAP 494: Disability and Aesthetics

DST 494: Disability & Media: The Politics of Representation

DST 494: Gender, Sexuality, and Disability

DST 494: Special Topics

FAS 498: Disability and Inclusion or CDE 498: Disability and Inclusion or SOC 498: Disability and Inclusion

ENG 469: Science and Literature or DST 469: Science and Literature

HRC 494: Veterans and Critical Disability Studies

---

IAP 494: Accessibility in Digital Arts and Design

---

JUS 301: Research in Justice Studies (SB)

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RTH 364: Foundations of Recreation Therapy (SB)

---

SOC 352: Social Change (SB & G & H)

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SOC 400: Perspectives on Aging (SB)

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**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.








## 2023 - 2024 Major Map



### English, BA



School/College: [New College of Interdisciplinary Arts and Sciences](#)




Location: [West](#)



ASENGBA

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101-H satisfies this requirement.</li> <li>IAS 300 (three credits) is required for all transfer students in place of NEW 101.</li> <li>Select your <a href="#">Career Interest Communities</a> and play <a href="#">me3@ASU</a>.</li> <li>Activate your <a href="#">Handshake</a> account and build out your profile.</li> </ul>
NEW 101-H: The ASU New College Experience	1		
Humanities, Arts and Design (HU)	3		
Mathematics (MA) ( MAT 142 recommended)	3	C	
Social-Behavioral Sciences (SB)	3		
Elective	3		
Term hours subtotal:	16		
Term 2 16 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>Create a first draft <a href="#">resume</a>.</li> <li>Join a <a href="#">student club</a> or professional organization.</li> <li>Secure a <a href="#">part-time job</a> or <a href="#">volunteer experience</a>.</li> </ul>
Cultural Diversity in the U.S. (C)	3		
Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB)	3		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		
Term 3 32 - 47 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 200: Critical Reading and Writing About Literature (L or HU)	3	C	<ul style="list-style-type: none"> <li>Develop your <a href="#">research skills</a>.</li> <li>Develop your <a href="#">professional skills</a>.</li> </ul>
ENG Elective	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Global Awareness (G)	3		
Elective	3		
 Complete Mathematics (MA) requirement. Complete First-Year Composition requirement.			
Term hours subtotal:	15		

Term 4 47 - 63 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 <i>Complete 2 courses:</i> ENG Elective	6	C	<ul style="list-style-type: none"> <li>• Explore an <b>internship</b>, an <b>IGLE international experience</b>, or <b>ASU Study Abroad</b>.</li> </ul>
Historical Awareness (H)	3		
Literacy and Critical Inquiry (L)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 <i>Complete 2 courses:</i> English Distribution Cluster Course	6	C	<ul style="list-style-type: none"> <li>• Distribution Cluster Course: Complete two courses (six credit hours) from each of the four distribution clusters below for a total of 24 credit hours (C or better). At least 12 credits must be upper division. Individual courses do not apply to more than one cluster. Consult your academic advisor to determine where best to apply each course.</li> <li>• IAS 300 (three credit hours) is required for all transfer students.</li> <li>• Thinking about graduate school? Consider registering for a grad school <b>test prep course</b>.</li> <li>• Develop your <b>professional online presence</b>.</li> </ul>
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3		
Upper Division Elective	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 <i>Complete 2 courses:</i> English Distribution Cluster Course	6	C	<ul style="list-style-type: none"> <li>• Distribution Cluster Course: Complete two courses (six credit hours) from each of the four distribution clusters below for a total of 24 credit hours (C or better). At least 12 credits must be upper division. Individual courses do not apply to more than one cluster. Consult your academic advisor to determine where best to apply each course.</li> <li>• Use Handshake to research <b>employment opportunities</b>.</li> <li>• Complete an in person or virtual <b>practice interview</b>.</li> </ul>
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
<i>Complete 2 courses:</i> Upper Division Elective	6		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 <i>Complete 2 courses:</i> Upper Division English Distribution Cluster Course	6	C	<ul style="list-style-type: none"> <li>• Distribution Cluster Course: Complete two courses (six credit hours) from each of the four distribution clusters below for a total of 24 credit hours (C or better). At least 12 credits must be upper division. Individual courses do not apply to more than one cluster. Consult</li> </ul>
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Elective OR IAS 484: Internship	3		
Upper Division Elective	3		

Term hours subtotal: 15

your academic advisor to determine where best to apply each course.

- Gather professional references.

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Complete 2 courses: Upper Division English Distribution Cluster Course	6	C	<ul style="list-style-type: none"> <li>• Distribution Cluster Course: Complete two courses (six credit hours) from each of the four distribution clusters below for a total of 24 credit hours (C or better). At least 12 credits must be upper division. Individual courses do not apply to more than one cluster. Consult your academic advisor to determine where best to apply each course.</li> <li>• Apply for full-time career opportunities.</li> </ul>
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	12		

- Complete two courses (six credit hours) from each of the four distribution clusters below for a total of 24 credit hours (C or better). At least 12 credits must be upper division. Individual courses do not apply to more than one cluster. Consult your academic advisor to determine where best to apply each course.

Hide Course List(s)/Track Group(s)

English Distribution Cluster: Writing, Power, Change	English Distribution Cluster: Climate, Energy, Infrastructure	English Distribution Cluster: Borders, Boundaries, Citizenship
ENG 205: Introduction to Writing, Rhetorics and Literacies (L)	ENG 245: Popular Culture Issues	ENG 221: Survey of English Literature (HU)
ENG 213: Introduction to the Study of Language	ENG 324: Horror: Film and Short Stories	ENG 222: Survey of English Literature (HU & H)
ENG 217: Writing Reflective Essays (L)	ENG 342: 20th-Century British and Irish Literature (HU)	ENG 241: Literatures of the United States to 1860 ((L or HU) & C)
ENG 241: Literatures of the United States to 1860 ((L or HU) & C)	ENG 367: Environmental Issues in Literature and Film (L or HU)	ENG 242: Literatures of the United States, 1860 to Present (HU)
ENG 288: Beginning Creative Writing Workshop in Fiction	ENG 369: Science Fiction Studies	ENG 328: The Novel to Jane Austen (HU & H)
ENG 311: Persuasive Writing (L)	ENG 378: Environmental Creative Nonfiction (L or HU)	ENG 333: American Ethnic Literature
ENG 317: Cross-Cultural Writing ((L or HU) & G)	ENG 415: Studies in Medieval Literature and Culture (HU)	ENG 334: The American Southwest in Literature and Film ((L or HU) & C)
ENG 323: Rhetoric and Grammar (L)	ENG 416: Chaucer in Middle English (HU)	ENG 342: 20th-Century British and Irish Literature (HU)
ENG 339: Creating Dramatic Works: Page to Stage to Screen	ENG 471: Literature for Young Adults (HU)	ENG 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C)
ENG 352: Short Story (L or HU)	ENG 498: Reading Englands Literary Landscapes (L)	ENG 354: African American Literature: Harlem Renaissance to the Present ((L or HU) & C)
ENG 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C)		ENG 363: Transborder Mexican and Chicano/a Literature of Southwest North America ((L or HU) & C)
ENG 354: African American Literature: Harlem Renaissance to the Present ((L or HU) & C)		

ENG 361: Scriptwriting

ENG 379: Travel Writing (L)

ENG 394: Print and the Protest

ENG 410: Writing for Publication

ENG 416: Chaucer in Middle English (HU)

ENG 425: Studies in Romanticism (HU)

ENG 433: Literary Magazine Publishing:  
Canyon Voices

ENG 437: The American Novel, 1900 - 1960  
(L or HU)

ENG 440: Studies in American Literature and  
Culture

ENG 472: Rhetorical Studies

English Distribution Cluster: Bodies,  
Intersections, Transitions

ENG 203: Introduction to Health Humanities  
(HU)

ENG 323: Rhetoric and Grammar (L)

ENG 324: Horror: Film and Short Stories

ENG 333: American Ethnic Literature

ENG 364: Women and Literature (HU)

ENG 369: Science Fiction Studies

ENG 421: Studies in Shakespeare (L or HU)

ENG 431: Whitman and Dickinson (L or HU)

ENG 443: Gender, Culture and Literacy

ENG 454: Gender and Literature (L or HU) or  
WST 454: Gender and Literature (L or HU)

ENG 461: Studies in Women and Literature

ENG 472: Rhetorical Studies

ENG 476: Studies in Folklore

ENG 478: Studies in Modernism

ENG 494: Disrupting Dis/Ability Discourses

ENG 494: Weird Fiction: Films and Short  
Stories

ENG 379: Travel Writing (L)

ENG 386: American Gothic

ENG 394: Oral History & Storytelling in  
Humanities & Arts

ENG 420: Multicultural Autobiographies ((L  
or HU) & C)

ENG 432: The American Renaissance (HU)

ENG 457: Studies in American Poetry (HU)

ENG 462: Africana Literature (HU & G)

ENG 498: Reading Englands Literary  
Landscapes (L)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's

first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>

- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map



### English (Secondary Education), BA



School/College: New College of Interdisciplinary Arts and Sciences

Location: West

ASENGSEBA

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-H satisfies this requirement.</li> <li>IAS 300 (3 credits) is required for all transfer students in place of NEW 101-H.</li> <li>By the end of Term 4, a minimum 2.25 cumulative GPA is required in order to progress into the upper division education program courses.</li> <li>Select your <b>Career Interest Communities</b> and play <b>me3@ASU</b>.</li> <li>Activate your <b>Handshake</b> account and build out your profile.</li> </ul>
NEW 101-H: The ASU New College Experience	1		
Global Awareness (G)	3		
Mathematics (MA) ( MAT 142 recommended)	3	C	
Elective ( TEL 111 recommended)	3		
Elective	3		
Term hours subtotal:	16		

Term 2 16 - 31 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>GCU 113 satisfies the US and AZ constitution requirement for teacher certification.</li> <li>Create a first draft <b>resume</b>.</li> <li>Join a <b>student club</b> or professional organization.</li> <li>Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> </ul>
SPE 222: Orientation to Education of Exceptional Children (SB & C)	3	C	
Computer/Statistics/Quantitative Applications (CS) ( CIS 105 OR EDT 180 recommended)	3		
Humanities, Arts and Design (HU) ( TEL 212 recommended)	3		
Social-Behavioral Sciences (SB) AND Historical Awareness (H) ( GCU 113 recommended)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		

Term 3 31 - 44 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 200: Critical Reading and Writing About Literature (L or HU)	3	C	<ul style="list-style-type: none"> <li>Develop your <b>research skills</b>.</li> <li>Develop your <b>professional skills</b>.</li> </ul>
Complete 2 courses: ENG Elective	6	C	
Natural Science - Quantitative (SQ)	4		



❖ Complete Mathematics (MA) requirement.

Complete First-Year Composition requirement.

Term hours subtotal: 13

Term 4 44 - 60 Credit Hours Critical course signified by ❖	Hours	Minimum Grade	Notes
❖ Literature & Culture, Pre-1860	3	C	<ul style="list-style-type: none"> <li>Apply for an identity verified print (IVP) fingerprint clearance card. Your IVP fingerprint card will be needed prior to enrolling in Term 5 education courses and internship.</li> <li>Meet with a Mary Lou Fulton Teachers College advisor early in the semester to discuss education program requirements and submit a copy of your IVP fingerprint card.</li> <li>BLE 220 satisfies the requirement for a Structured English Immersion Endorsement (For Certified Teachers). This Endorsement authorizes the holder to teach one or more English language learners in the area they are appropriately certified.</li> <li>Explore an internship, an IGLE international experience, or ASU study abroad.</li> </ul>
Complete 2 courses:			
ENG Elective	6	C	
Literacy and Critical Inquiry (L) ( BLE 220 recommended)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Minimum 2.25 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 5 60 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Identities, Communities, & Social Practices	3	C	<ul style="list-style-type: none"> <li>An ENG upper-division special topics course will satisfy the Identities, Communities, and Social Practices requirement if the course topic focuses explicitly upon issues of identities, communities, and social practice. Please see your academic advisor before enrollment.</li> <li>IAS 300 (3 credit hours) is required for all transfer students.</li> <li>Thinking about graduate school? Consider registering for a grad school test prep course.</li> <li>Develop your professional online presence.</li> </ul>
IAS 300: Career Strategies and Personal Resilience (L or SB) OR Upper Division Humanities, Arts and Design (HU) or Upper Division Social-Behavioral Sciences (SB)	3		
TEL 310: Instructional Thought and Action: Instructional Design and Planning	3	C	
TEL 318: Instructional Thought and Action: Assessment for Learning	3	C	
ENG Upper Division Elective	3	C	
Term hours subtotal:	15		

Term 6 75 - 91 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TEL 317: Instructional Thought and Action: Learning Environment and Management	3	C	<ul style="list-style-type: none"> <li>TEL 366 (recommended) provides additional classroom experience prior to the required internship and student teaching experiences during senior year. TEL 366 requires 45 hours in a 6-12th grade classroom over the semester. Reliable transportation is required to get to school sites in Terms 6-8.</li> <li>An ENG upper-division special topics course will satisfy the Transnational, Linguistic, &amp; Textual Circulation requirement if the course topic focuses explicitly upon issues of transnationalism &amp; textual circulation. Please see your academic advisor before enrollment.</li> <li>Use Handshake to research employment opportunities.</li> </ul>
Literature and Culture, Post-1860	3	C	
Theories and Practices of Writing	3	C	
Transnational, Linguistic, & Textual Circulation	3	C	
ENG Upper Division Elective	3	C	
Elective ( TEL 366 recommended)	1		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	16		

- Complete an in person or virtual **practice interview**.

Term 7 91 - 108 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ ENG 482: Methods of Teaching English: Language (L)	3	C	<ul style="list-style-type: none"> <li>• All degree requirements must be completed prior to student teaching. Only one course will be approved to take concurrently with student teaching.</li> <li>• TEL 477 is a required internship, which allows you to work alongside a mentor teacher in a 6-12th grade classroom for a total of 75 hours. Reliable transportation is required to get to school site.</li> <li>• Gather <b>professional references</b>.</li> </ul>
★ TEL 332: Disciplinary Literacy Methods	3	C	
TEL 477: Internship: Advanced	2	C	
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	6	C	
Upper Division Elective ( TEL 340 recommended)	3		
★ Minimum 2.25 GPA ASU Cumulative.			
Term hours subtotal:	17		

Term 8 108 - 120 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ TEL 471: Professional Educator Series: The Principled Educator	1		<ul style="list-style-type: none"> <li>• Your student teaching residency requires a full-time commitment in a 6-12th grade classroom for the semester. Reliable transportation is required to get to school site.</li> <li>• Students seeking teacher certification must pass required <b>educator exams</b>. Speak to your education advisor to plan appropriately.</li> <li>• Apply for <b>full-time employment opportunities</b>.</li> </ul>
★ TEL 488: Student Teaching	11	C	
★ Minimum 2.25 GPA ASU Cumulative.			
Term hours subtotal:	12		

Distribution Clusters: Complete one course from each distribution cluster below (15 credits total). At least two courses from the cluster requirements must be at the 400-level.

English Electives: Complete 18 credit hours of English electives. A minimum of six upper-division credit hours required.

First-year composition courses (ENG 101, ENG 102, ENG 105, ENG 107, and ENG 108) do not apply. ENG 499 Individualized Instruction may be used to fulfill an English Elective one time only for a maximum of three credit hours.

Hide Course List(s)/Track Group(s)

Literature & Culture, Pre-1860	Literature & Culture, Post-1860	Transnational, Linguistic, & Textual Circulation
ENG 221: Survey of English Literature (HU)	ENG 222: Survey of English Literature (HU & H)	ENG 213: Introduction to the Study of Language
ENG 241: Literatures of the United States to 1860 ((L or HU) & C)	ENG 242: Literatures of the United States, 1860 to Present (HU)	ENG 317: Cross-Cultural Writing ((L or HU) & G)
ENG 315: Medieval Literature in Translation	ENG 334: The American Southwest in Literature and Film ((L or HU) & C)	ENG 333: American Ethnic Literature
ENG 321: Shakespeare (L or HU)	ENG 354: African American Literature: Harlem Renaissance to the Present ((L or HU) & C)	ENG 363: Transborder Mexican and Chicano/a Literature of Southwest North America ((L or HU) & C)

ENG 353: African American Literature: Beginnings through the Harlem Renaissance (L or HU) & C)	ENG 369: Science Fiction Studies	ENG 379: Travel Writing (L)
ENG 415: Studies in Medieval Literature and Culture (HU)	ENG 386: American Gothic	ENG 413: History of English Language (HU)
ENG 416: Chaucer in Middle English (HU)	ENG 431: Whitman and Dickinson (L or HU)	ENG 462: Africana Literature (HU & G)
ENG 421: Studies in Shakespeare (L or HU)	ENG 437: The American Novel, 1900 - 1960 (L or HU)	ENG 498: Reading Englands Literary Landscapes (L)
ENG 423: Renaissance Drama (L or HU)	ENG 438: American Novel Since 1960 (L or HU)	NEW 300: International Cities
ENG 425: Studies in Romanticism (HU)	ENG 440: Studies in American Literature and Culture	
ENG 432: The American Renaissance (HU)	ENG 450: The British Novel (HU)	
ENG 440: Studies in American Literature and Culture	ENG 471: Literature for Young Adults (HU)	
	ENG 478: Studies in Modernism	
	ENG 479: Studies in Postmodernism (HU & G)	
<b>Identities, Communities, &amp; Social Practices</b>	<b>Theories and Practices of Writing</b>	
ENG 312: English in its Social Setting (L or HU or SB)	ENG 205: Introduction to Writing, Rhetorics and Literacies (L)	
ENG 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C)	ENG 311: Persuasive Writing (L)	
ENG 400: History of Literary Criticism (L or HU)	ENG 323: Rhetoric and Grammar (L)	
ENG 401: Topics in Critical Theory	ENG 335: American Poetry	
ENG 420: Multicultural Autobiographies ((L or HU) & C)	ENG 361: Scriptwriting	
ENG 440: Studies in American Literature and Culture	ENG 379: Travel Writing (L)	
ENG 454: Gender and Literature (L or HU) or WST 454: Gender and Literature (L or HU)	ENG 387: Intermediate Creative Writing Workshop in Poetry: Form, Theory, and Practice	
ENG 456: Studies in Forensic Linguistics	ENG 388: Intermediate Creative Writing Workshop in Fiction: Form, Theory, and Practice	
ENG 460: Ethnic Women Writers	ENG 410: Writing for Publication	
ENG 461: Studies in Women and Literature	ENG 457: Studies in American Poetry (HU)	
ENG 462: Africana Literature (HU & G)	ENG 490: Literary Forms: Theory and Practice in Poetry	
ENG 463: African American Literature		
ENG 472: Rhetorical Studies		
ENG 479: Studies in Postmodernism (HU & G)		

**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and

West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>

- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.





## 2023 - 2024 Major Map





### Environmental Science, BA





School/College: [New College of Interdisciplinary Arts and Sciences](#)

Location: [West, ASU at Lake Havasu](#)

ASENVBA

Term 1 0 - 15 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 BIO 181: General Biology I (SQ)	4	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-M satisfies this requirement.</li> <li>IAS 300 is required in place of NEW 101-M for transfer students.</li> <li>MAT 170 or higher-level calculus (MA) accepted.</li> <li>Select your <a href="#">Career Interest Communities</a> and play <a href="mailto:me3@asu.edu">me3@ASU</a>.</li> <li>Activate your <a href="#">Handshake</a> account and build out your profile.</li> </ul>
 CHM 113: General Chemistry I (SQ)	4	C	
 MAT 170: Precalculus (MA)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
NEW 101-M: The ASU New College Experience	1		
Term hours subtotal:	15		

Term 2 15 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 BIO 182: General Biology II (SG)	4	C	<ul style="list-style-type: none"> <li>Create a first draft <a href="#">resume</a>.</li> <li>Join a <a href="#">student club</a> or professional organization.</li> <li>Secure a <a href="#">part-time job</a> or <a href="#">volunteer experience</a>.</li> </ul>
 CHM 116: General Chemistry II (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
STP 226: Elements of Statistics (CS)	3	C	
Elective	1		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		

Term 3 30 - 44 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CHM 231: Elementary Organic Chemistry (SQ) AND CHM 235: Elementary Organic Chemistry Laboratory (SQ)	4	C	<ul style="list-style-type: none"> <li>Develop your <a href="#">research skills</a>.</li> <li>Develop your <a href="#">professional skills</a>.</li> </ul>
 ENV 201: Fundamentals of Environmental Science	3	C	
PHY 101: Introduction to Physics (SQ)	4	C	
Social Science Elective	3	C	
 Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	14		

Term 4 44 - 60 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
GLG 108: Water Planet (SQ) OR GLG 101: Introduction to Geology I (Physical) (SQ) AND ENV 103: Introduction to Geology I: Laboratory (SQ)	4	C	<ul style="list-style-type: none"> <li>Explore an <b>internship</b>, an <b>IGLE international experience</b> or <b>ASU Study Abroad</b>.</li> </ul>
ECN 212: Microeconomic Principles (SB)	3	C	
GPH 210: Society and Environment (G)	3	C	
SOS 111: Sustainable Cities ((HU or SB) & G)	3	C	
Social Science Elective	3	C	
Term hours subtotal:	16		

Term 5 60 - 75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ CHM 302: Environmental Chemistry	3	C	<ul style="list-style-type: none"> <li>IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101-M.</li> <li>Thinking about graduate school? Consider registering for a graduate <b>test prep course</b>.</li> <li>Develop your <b>professional online presence</b>.</li> </ul>
BIO 353: Cell Biology OR LSC 347: Fundamentals of Genetics	3	C	
Upper Division Ethics Elective AND Upper Division Humanities, Arts and Design (HU)	3	C	
Social Science Elective	3	C	
Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3	C	
Term hours subtotal:	15		

Term 6 75 - 91 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
BIO 320: Fundamentals of Ecology AND LSC 322: Fundamentals of Ecology Laboratory	4	C	<ul style="list-style-type: none"> <li>Use Handshake to research <b>employment opportunities</b>.</li> <li>Complete an in person or virtual <b>practice interview</b>.</li> <li>Up to 6 credit hours (two completions) of 499 Individualized Instruction or 484 Internship can be used towards Upper Division Science Electives. However, to be applied each completion of 499/484 must be a unique experience with a different instructor.</li> </ul>
SOC 331: Environmental Sociology (SB & G)	3	C	
Upper Division Science Elective AND Upper Division Literacy and Critical Inquiry (L)	3	C	
Upper Division Science Elective	3-4	C	
Cultural Diversity in the U.S. (C) AND Historical Awareness (H)	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	16-17		

Term 7 91 - 106 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ ENV 345: Spatial Analysis in the Environmental Sciences	3	C	<ul style="list-style-type: none"> <li>Completion of the Upper Division Cultural Diversity in the U.S. (C) or Upper Division Global Awareness (G) AND SOC 331 in Term 6 satisfies the New College Proficiency - Language and Cultures requirement.</li> <li>Gather <b>professional references</b>.</li> <li>Up to 6 credit hours (two completions) of 499 Individualized Instruction or 484 Internship can be used towards Upper Division Science Electives. However, to be applied each completion of 499/484 must be a unique experience with a different instructor.</li> </ul>
Complete 2 courses:	6-8	C	
Upper Division Science Elective			
Upper Division Cultural Diversity in the U.S. (C) OR Upper Division Global Awareness (G)	3	C	
Elective	3		
Term hours subtotal:	15-17		

Term 8 106 - 120 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ ENV 485: Environmental Impact Assessment	3	C	<ul style="list-style-type: none"> <li>Apply for <b>full-time career opportunities</b>.</li> </ul>

Upper Division Ethics Elective AND Upper Division Humanities, Arts and Design (HU)	3	C
Upper Division Social Science Elective	3	C
Upper Division Elective	2	
Elective OR ENV 484: Internship	3	
Term hours subtotal:	14	

- Upper Division Science Electives: Complete three to four courses (12 credit hours).
- To fulfill the General Studies Upper Division Literacy and Critical Inquiry (L) requirement, choose from BIO 410, BIO 426, ENV/PLB 300, or ENV/PLB 302.
- Up to six credit hours (two completions) of 499 Individualized Instruction can be used towards Upper Division Science Electives. However, to be applied, each completion of 499 must be a unique experience with a different instructor.
- Social Science Electives: Complete four courses (12 credit hours).

Hide Course List(s)/Track Group(s)

Upper Division Science Electives	Social Science Electives	Upper Division Ethics Electives
BIO 360: Animal Physiology	ABS 381: Natural Resources Policy	IAS 340: Bioethics (HU) or PHI 320: Bioethics (HU)
BIO 370: Vertebrate Zoology	ABS 479: Ecosystem Management and Planning (L)	IAS 406: Moral Dilemmas (L or HU) or PHI 406: Moral Dilemmas (L or HU)
BIO 385: Comparative Invertebrate Zoology	ASB 272: Economic Justice (SB)	IAS 407: Environmental Philosophy and Policy (L or HU) or PHI 407: Environmental Philosophy and Policy (L or HU)
BIO 410: Techniques in Conservation Biology and Ecology (L)	ASB 326: Human Impacts on Ancient Environments (SB & H)	IAS 409: Eco-Community Ethics (HU) or PHI 409: Eco-Community Ethics (HU)
BIO 412: Conservation in Practice	ASB 375: Humans and the Environment: What's the Connection? ((L or SB) & G)	PHI 306: Applied Ethics (HU)
BIO 422: Ecosystem Ecology	COM 312: Communication, Conflict, and Negotiation	PHI 360: Business and Professional Ethics (HU)
BIO 426: Limnology (L)	COM 328: Communicating Science	
BIO 474: Herpetology	COM 430: Leadership in Group Communication	
BIO 499: Individualized Instruction or ENV 499: Individualized Instruction or LSC 499: Individualized Instruction or PLB 499: Individualized Instruction	ECN 211: Macroeconomic Principles (SB)	
ENV 300: Plant Diversity and Evolution (L or SG) or PLB 300: Plant Diversity and Evolution (L or SG)	ERM 428: International Environmental Management (G)	
ENV 302: Plants and Civilization (L) or PLB 302: Plants and Civilization (L)	HST 345: Environmental History (L)	
ENV 388: STEM Research Fundamentals or PLB 388: STEM Research Fundamentals	OGL 200: Introduction to Organizational Leadership (SB)	
ENV 394: Animal Behavior in a Changing Environment or LSC 394: Animal Behavior in a Changing Environment	OGL 300: Theory and Practice of Leadership	
ENV 394: Special Topics or PLB 394: Special Topics	OGL 355: Leading Organizational Innovation and Change	
ENV 410: Soil Science	PMG 240: Introduction to Project Management	
	POS 110: American Government and Politics (SB)	

ENV 484: Internship or LSC 484: Internship	POS 331: Public Opinion (SB)
ENV 492: Honors Directed Study	POS 426: Elements of Public Policy (SB)
ENV 494: Special Topics or PLB 494: Special Topics	PUP 301: Introduction to Urban Planning (L)
ERM 502: Regulatory Framework for Toxic and Hazardous Substances	SOC 333: Population (SB & G)
ERM 520: Sustainability and Sustainable Development	SOS 230: Professional Skills in Sustainability
ERM 522: Air Pollution and Toxic Chemicals	SOS 311: Future Thinking and Strategies
ERM 523: Soils and Groundwater Contamination	SOS 385: Business and Sustainability I
ERM 527: Environmental/Resources Regulations Concepts	
ERM 535: Water Law and Policy	
ERM 598: Environmental Health	
LSC 434: Marine Ecology	
PLB 308: Plant Physiology	
PLB 310: The Flora of Arizona	

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition



General Studies designations listed on the major map are current for the 2023 - 2024 academic year.




## 2023 - 2024 Major Map





### Environmental Science, BS



School/College: New College of Interdisciplinary Arts and Sciences


Location: West, ASU at Lake Havasu

ASENVBS



Term 1 0 - 15 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 BIO 181: General Biology I (SQ)	4	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific First-Year Seminar is required of all first-year students. NEW 101-M satisfies this requirement.</li> <li>IAS 300 (three credit hours) is required for transfer students in place of NEW 101-M.</li> <li>MAT 210, MAT 251 or MAT 270 is recommended for students intending to pursue <b>graduate degrees</b>.</li> <li>MAT 270 is necessary for students intending on taking the Data/Modeling Track focus courses.</li> <li>Select your <b>Career Interest Communities</b> and play <b>me3@ASU</b>.</li> <li>Activate your <b>Handshake</b> account and build out your profile.</li> </ul>
 CHM 113: General Chemistry I (SQ)	4	C	
MAT 210: Brief Calculus (MA) OR MAT 251: Calculus for Life Sciences (MA) OR MAT 270: Calculus with Analytic Geometry I (MA)	3-4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
NEW 101-M: The ASU New College Experience	1		
Term hours subtotal:	15-16		



Term 2 15 - 29 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 BIO 182: General Biology II (SG)	4	C	<ul style="list-style-type: none"> <li>Either STP 226 or STP 280 is acceptable to meet the requirement. STP 280 is necessary for students intending to take Data/Modeling Track focus courses.</li> <li>Create a first draft <b>resume</b>.</li> <li>Join a <b>student club</b> or professional organization.</li> <li>Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> </ul>
 CHM 116: General Chemistry II (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
STP 226: Elements of Statistics (CS) OR STP 280: Probability and Statistics for Researchers (CS)	3	C	
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	14		





Term 3 29 - 43 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ENV 201: Fundamentals of Environmental Science	3	C	<ul style="list-style-type: none"> <li>One semester of organic chemistry lecture &amp; lab is required, either CHM 231 &amp; 235 or CHM 233 &amp; 237. CHM 233 &amp; 237 should be taken by students intending to take</li> </ul>
CHM 231: Elementary Organic Chemistry (SQ) AND CHM 235: Elementary Organic Chemistry Laboratory (SQ) OR CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I	4	C	

PHY 101: Introduction to Physics (SQ) OR PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ)	4	C
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3	
 Complete First-Year Composition requirement. Complete Mathematics (MA) requirement.		
Term hours subtotal:	14	

- electives from the Chemistry/Toxicology Track focus area, as they are prerequisites required for many courses in that focus area.
- Develop your **research skills**.
  - Develop your **professional skills**.

Term 4 43 - 58 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 GLG 108: Water Planet (SQ) OR GLG 101: Introduction to Geology I (Physical) (SQ) AND ENV 103: Introduction to Geology I: Laboratory (SQ)	4	C	<ul style="list-style-type: none"> <li>• The program electives are grouped by track focus areas. Students can take electives from any of the track focus areas. Some students may choose to specialize in a particular area, and therefore take all of their electives from within one group. Other students may choose a broad approach and take electives from each group.</li> <li>• Students must complete a total of at least 11 hours of track focus elective courses and at least three hours of upper-division track focus elective courses.</li> <li>• Explore an <b>internship</b>, an <b>IGLE international experience</b>, or <b>ASU Study Abroad</b>.</li> </ul>
SOS 111: Sustainable Cities ((HU or SB) & G)	3	C	
Track Focus Elective Course	4	C	
Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3		
Elective	1		
Term hours subtotal:	15		

Term 5 58 - 73 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 CHM 302: Environmental Chemistry	3	C	<ul style="list-style-type: none"> <li>• IAS 300 (three credit hours) is required for all transfer students.</li> <li>• Thinking about graduate school? Consider registering for a grad school <b>test prep course</b>.</li> <li>• Develop your <b>professional online presence</b>.</li> </ul>
BIO 353: Cell Biology OR LSC 347: Fundamentals of Genetics	3	C	
Upper Division Ethics Elective AND Upper Division Humanities, Arts and Design (HU)	3	C	
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3		
Term hours subtotal:	15		

Term 6 73 - 87 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 BIO 320: Fundamentals of Ecology AND LSC 322: Fundamentals of Ecology Laboratory	4	C	<ul style="list-style-type: none"> <li>• The electives listed at the bottom are grouped by focus areas. Students can take electives from any of the focus areas. Some students may choose to specialize in a particular area, and therefore take all of their electives from within one group. Other students may choose a broad approach and take electives from each group.</li> <li>• Use Handshake to research <b>employment opportunities</b>.</li> </ul>
 ENV 345: Spatial Analysis in the Environmental Sciences	3	C	
Track Focus Elective Course	4-3	C	
PLB course (L) Upper Division	3	C	
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	14-13		

- Complete an in person or virtual **practice interview**.
- Up to six credit hours (two completions) of 499 Individualized Instruction can be used towards Capstone and/or Track Focus Electives. However, to be applied, each completion of 499 must be a unique experience with a different instructor.

Term 7 87 - 104 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ENV 410: Soil Science	4	C	<ul style="list-style-type: none"> <li>• The electives listed at the bottom are grouped by focus areas. Students can take electives from any of the focus areas. Some students may choose to specialize in a particular area, and therefore take all of their electives from within one group. Other students may choose a broad approach and take electives from each group.</li> <li>• Up to six credit hours (two completions) of 499 Individualized Instruction can be used towards Capstone and/or Track Focus Electives. However, to be applied, each completion of 499 must be a unique experience with a different instructor.</li> <li>• Gather <b>professional references</b>.</li> </ul>
Upper Division Environmental Science Capstone	3	C	
Upper Division Field Intensive Course	4	C	
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Upper Division Track Focus Elective Course	3	C	
Term hours subtotal:	17		

Term 8 104 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ BIO 422: Ecosystem Ecology	3	C	<ul style="list-style-type: none"> <li>• The electives listed at the bottom are grouped by focus areas. Students can take electives from any of the focus areas. Some students may choose to specialize in a particular area, and therefore take all of their electives from within one group. Other students may choose a broad approach and take electives from each group.</li> <li>• Up to six credit hours (two completions) of 499 Individualized Instruction can be used towards Capstone and/or Track Focus Electives. However, to be applied, each completion of 499 must be a unique experience with a different instructor.</li> <li>• Apply for <b>full-time career opportunities</b>.</li> </ul>
★ ENV 485: Environmental Impact Assessment	3	C	
BIO 370: Vertebrate Zoology OR BIO 385: Comparative Invertebrate Zoology	4	C	
Upper Division Ethics Elective AND Upper Division Humanities, Arts and Design (HU)	3	C	
Track Focus Elective Course	3-4	C	
Term hours subtotal:	16-17		

- Environmental Science Track Focus Areas: Electives listed below are grouped by focus areas. Students can complete electives from any of the focus areas. Some students may choose to specialize in a particular area, and therefore take all of their electives from within one group. Other students may choose a broad approach and take electives from each group. Courses taken to fulfill core requirements cannot also be used to fulfill track focus electives.
- Up to six credit hours (two completions) of 499 Individualized Instruction can be used towards Capstone and/or Environmental Science Track Focus Electives. However, to be applied, each completion of 499 must be a unique experience with a different instructor.

Hide Course List(s)/Track Group(s)

Field Intensive Course	Chemistry/Toxicology Track	Ecosystem/Global Change Track
BIO 474: Herpetology	BCH 371: Modern Concepts in Biochemistry AND BCH 372: Modern Concepts in Biochemistry Laboratory	BIO 323: Ecosystem Restoration and Management
ENV 494: Field Techniques in Natural Resource Management	BIO 353: Cell Biology	BIO 412: Conservation in Practice
PLB 310: The Flora of Arizona	BIO 443: Applied Molecular Genetics and Genomics	BIO 415: Statistical Models for Biology (CS)
	CHM 234: General Organic Chemistry II AND CHM 238: General Organic Chemistry Laboratory II	BIO 421: Landscape Ecology
	CHM 303: Environmental Chemistry Laboratory (L)	BIO 426: Limnology (L)
	ERM 522: Air Pollution and Toxic Chemicals	ENV 388: STEM Research Fundamentals or LSC 388: STEM Research Fundamentals or PLB 388: STEM Research Fundamentals
	ERM 523: Soils and Groundwater Contamination	GLG 325: Oceanography
	ERM 598: Environmental Health	GLG 327: Earth's Critical Zone
	LSC 347: Fundamentals of Genetics	ERM 520: Sustainability and Sustainable Development
	LSC 425: Analytical Chemistry for Life Sciences	LSC 362: The Human Environment
	LSC 426: Analytical Chemistry for Life Sciences Lab	LSC 434: Marine Ecology
	LSC 475: Principles of Toxicology	MIC 443: The Microbial Universe AND MIC 444: The Microbial Universe Laboratory
		SOS 110: Sustainable World (SB)
Organismal/Conservation Biology Track	Data/Modeling Track	Business/Leadership Track
BIO 360: Animal Physiology	MAT 271: Calculus with Analytic Geometry II (MA)	COM 415: Risk Communication
BIO 370: Vertebrate Zoology	MAT 275: Modern Differential Equations (MA)	COM 430: Leadership in Group Communication
BIO 385: Comparative Invertebrate Zoology	MAT 343: Applied Linear Algebra	ERM 502: Regulatory Framework for Toxic and Hazardous Substances
BIO 410: Techniques in Conservation Biology and Ecology (L)	MAT 450: Mathematical Models in Biology or MAT 451: Mathematical Modeling (CS)	ERM 527: Environmental/Resources Regulations Concepts
BIO 474: Herpetology	STP 281: Statistical Analysis for Researchers	ERM 535: Water Law and Policy
ENV 300: Plant Diversity and Evolution (L or SG) or PLB 300: Plant Diversity and Evolution (L or SG)	STP 310: Design and Analysis of Experiments	OGL 200: Introduction to Organizational Leadership (SB)
ENV 302: Plants and Civilization (L) or PLB 302: Plants and Civilization (L)	STP 311: Regression and Time Series Analyses	OGL 300: Theory and Practice of Leadership
ENV 394: Animal Behavior in a Changing Environment or LSC 394: Animal Behavior in a Changing Environment	STP 315: Statistical Computing	OGL 355: Leading Organizational Innovation and Change
ENV 394: Special Topics or ENV 494: Special Topics	STP 450: Nonparametric Statistics	PMG 240: Introduction to Project Management
PLB 308: Plant Physiology	STP 460: Categorical Data Analysis	SOS 230: Professional Skills in Sustainability
PLB 310: The Flora of Arizona	STP 499: Individualized Instruction	SOS 311: Future Thinking and Strategies

PLB 394: Special Topics or PLB 494: Special Topics	
Upper Division Environmental Science Capstone	Upper Division Ethics Electives
BIO 495: Undergraduate Research	IAS 340: Bioethics (HU) or PHI 320: Bioethics (HU)
BIO 499: Individualized Instruction	IAS 406: Moral Dilemmas (L or HU) or PHI 406: Moral Dilemmas (L or HU)
ENV 484: Internship	IAS 407: Environmental Philosophy and Policy (L or HU) or PHI 407: Environmental Philosophy and Policy (L or HU)
ENV 492: Honors Directed Study	IAS 409: Eco-Community Ethics (HU) or PHI 409: Eco-Community Ethics (HU)
ENV 493: Honors Thesis (L)	PHI 306: Applied Ethics (HU)
ENV 499: Individualized Instruction	PHI 360: Business and Professional Ethics (HU)
LSC 484: Internship	
LSC 492: Honors Directed Study	
LSC 493: Honors Thesis (L)	
LSC 499: Individualized Instruction	
PLB 499: Individualized Instruction	

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120**Upper Division Hours:** 45 minimum**Major GPA:** 2.00 minimum**Cumulative GPA:** 2.00 minimum**Total hrs at ASU:** 30 minimum**Hrs Resident Credit for****Academic Recognition:** 56 minimum**Total Community College Hrs:** 64 maximum**Total College Residency Hrs:** 12 minimum**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.










## 2023 - 2024 Major Map

### Exploratory Applied Computing, Mathematics and Technology

School/College: New College of Interdisciplinary Arts and Sciences

Location: West

ASACMTEXPL

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ACO 101: Introduction to Computer Science (CS)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-M satisfies this requirement.</li> <li>Completion of both ACO 101 and ACO 102 with a C or better fulfills the New College Language and Cultures requirement.</li> <li>Select your <b>Career Interest Communities</b> and play <b>me3@ASU</b>.</li> <li>Activate your <b>Handshake</b> account and build out your profile.</li> </ul>
MAT 117: College Algebra (MA) OR MAT 170: Precalculus (MA)			
 OR MAT 210: Brief Calculus (MA) OR MAT 251: Calculus for Life Sciences (MA) OR MAT 270: Calculus with Analytic Geometry I (MA)	3-4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
NEW 101-M: The ASU New College Experience	1		
NEW 210: From Passion to Practice: Charting Your Path OR NEW 225: Building a Better You	3	C	
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	16-17		
Term 2 16 - 31 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ACO 102: Object-Oriented Programming (CS)	3	C	<ul style="list-style-type: none"> <li>Completion of both ACO 101 and ACO 102 with a C or better fulfills the New College Proficiency - Language and Cultures requirement.</li> <li>Create a first draft <b>resume</b>.</li> <li>Join a <b>student club</b> or professional organization.</li> <li>Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> </ul>
MAT 210: Brief Calculus (MA) OR MAT 251: Calculus for Life Sciences (MA) OR MAT 270: Calculus with Analytic Geometry I (MA) OR MAT 271: Calculus with Analytic Geometry II (MA)	3-4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
NEW 210: From Passion to Practice: Charting Your Path OR NEW 225: Building a Better You	3	C	
Humanities, Arts and Design (HU)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15-16		
Term 3 31 - 47 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ACO 201: Data Structures and Algorithms (CS) OR ACO 240:  Introduction to Programming Languages OR STP 280: Probability and Statistics for Researchers (CS)	3	C	<ul style="list-style-type: none"> <li>Develop your <b>research skills</b>.</li> <li>Develop your <b>professional skills</b>.</li> </ul>
 Natural Science - Quantitative (SQ)	4		

Historical Awareness (H)	3
Literacy and Critical Inquiry (L)	3
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3
◆ Complete First-Year Composition requirement.	
Complete Mathematics (MA) requirement.	
Milestone: Selection of a major.	
Term hours subtotal:	16

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Students considering ASU majors requiring a second language may consult with an academic advisor to consider a second language course for any term.
- Students should consider completing Global (G), Historical (H), and Cultural (C) awareness requirements with their Social-Behavioral Sciences (SB) or Humanities, Arts and Design (HU) courses.

**Total Hours:** 47

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.











## 2023 - 2024 Major Map

### Exploratory Health and Life Sciences

School/College: New College of Interdisciplinary Arts and Sciences

Location: West

ASHSCIEXP

Term 1 0 - 14 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 BIO 181: General Biology I (SQ)	4	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-M satisfies this requirement.</li> <li>Select your <b>Career Interest Communities</b> and play <b>me3@ASU</b>.</li> <li>Activate your <b>Handshake</b> account and build out your profile.</li> </ul>
MAT 117: College Algebra (MA) OR MAT 170: Precalculus (MA)			
 OR MAT 210: Brief Calculus (MA) OR MAT 251: Calculus for Life Sciences (MA) OR MAT 270: Calculus with Analytic Geometry I (MA)	3-4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
NEW 101-M: The ASU New College Experience	1		
NEW 210: From Passion to Practice: Charting Your Path OR NEW 225: Building a Better You	3	C	
Term hours subtotal:	14-15		
Term 2 14 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 BIO 182: General Biology II (SG)	4	C	<ul style="list-style-type: none"> <li>Create a first draft <b>resume</b>.</li> <li>Join a <b>student club</b> or professional organization.</li> <li>Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
NEW 210: From Passion to Practice: Charting Your Path OR NEW 225: Building a Better You	3	C	
Global Awareness (G)	3		
Humanities, Arts and Design (HU)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		
Term 3 30 - 46 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CHM 113: General Chemistry I (SQ)	4	C	<ul style="list-style-type: none"> <li>Develop your <b>research skills</b>.</li> <li>Develop your <b>professional skills</b>.</li> </ul>
STP 226: Elements of Statistics (CS) OR STP 280: Probability and Statistics for Researchers (CS)	3	C	
Humanities, Arts and Design (HU)	3		
Literacy and Critical Inquiry (L) AND Historical Awareness (H)	3		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		

◆ Complete First-Year Composition requirement.

.....  
Complete Mathematics (MA) requirement.  
.....

Milestone: Selection of a major.  
.....

Term hours subtotal: 16

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Students considering ASU majors requiring a second language may consult with an academic advisor to consider a second language course for any term.

**Total Hours:** 46

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.










## 2023 - 2024 Major Map

### Exploratory Humanities, Fine Arts and Design

School/College: New College of Interdisciplinary Arts and Sciences

Location: West

ASHUFAEXPL

Term 1 0 - 13 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101-H satisfies this requirement.</li> <li>Select your <b>Career Interest Communities</b> and play <b>me3@ASU</b>.</li> <li>Activate your <b>Handshake</b> account and build out your profile.</li> </ul>
 PHI 101: Introduction to Philosophy (HU)	3	C	
NEW 101-H: The ASU New College Experience	1		
NEW 210: From Passion to Practice: Charting Your Path OR NEW 225: Building a Better You	3	C	
Mathematics (MA) ( MAT 142 recommended)	3	C	
Term hours subtotal:	13		
Term 2 13 - 29 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>Create a first draft <b>resume</b>.</li> <li>Join a <b>student club</b> or professional organization.</li> <li>Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> </ul>
NEW 210: From Passion to Practice: Charting Your Path OR NEW 225: Building a Better You	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Historical Awareness (H)	3		
Natural Science - Quantitative (SQ)	4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		
Term 3 29 - 45 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 200: Critical Reading and Writing About Literature (L or HU)	3	C	<ul style="list-style-type: none"> <li>Develop your <b>research skills</b>.</li> <li>Develop your <b>professional skills</b>.</li> </ul>
 IAP 201: Introduction to Interdisciplinary Arts (HU) OR IAP 202: Perspectives on Interdisciplinary Arts and Performance (HU)	3	C	
Global Awareness (G)	3		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
 Complete Mathematics (MA) requirement.			

Complete First-Year Composition requirement.

Milestone: Selection of a major.

Term hours subtotal: 16

Hide Course List(s)/Track Group(s)

**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.
- Students considering ASU majors requiring a second language may consult with an academic advisor to consider a second language course for any term.

**Total Hours:** 45

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.










## 2023 - 2024 Major Map

### Exploratory Social and Behavioral Sciences

School/College: New College of Interdisciplinary Arts and Sciences

Location: West

ASSBSEXPL

Term 1 0 - 13 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 COM 100: Introduction to Human Communication (SB)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101-S satisfies this requirement.</li> <li>Select your <b>Career Interest Communities</b> and play <b>me3@ASU</b>.</li> <li>Activate your <b>Handshake</b> account and build out your profile.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR			
 ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
NEW 101-S: The ASU New College Experience	1		
NEW 210: From Passion to Practice: Charting Your Path OR NEW 225: Building a Better You	3	C	
Mathematics (MA)	3	C	
Term hours subtotal:	13		
Term 2 13 - 29 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR			<ul style="list-style-type: none"> <li>Create a first draft <b>resume</b>.</li> <li>Join a <b>student club</b> or professional organization.</li> <li>Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> </ul>
 ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
 PSY 101: Introduction to Psychology (SB) OR SOC 101: Introductory Sociology (SB)	3	C	
NEW 210: From Passion to Practice: Charting Your Path OR NEW 225: Building a Better You	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Natural Science - Quantitative (SQ)	4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		
Term 3 29 - 45 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 COM 225: Public Speaking (L)	3	C	<ul style="list-style-type: none"> <li>Develop your <b>research skills</b>.</li> <li>Develop your <b>professional skills</b>.</li> </ul>
ACO 100: All About Data: Design, Query, and Visualization (CS) OR			
CIS 105: Computer Applications and Information Technology (CS)	3	C	
Cultural Diversity in the U.S. (C)	3		
Humanities, Arts and Design (HU)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
 Complete Mathematics (MA) requirement.			
Complete First-Year Composition requirement.			

Milestone: Selection of a major.

Term hours subtotal: 16

[Hide Course List\(s\)/Track Group\(s\)](#)

**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.
- Students considering ASU majors requiring a second language may consult with an academic advisor to consider a second language course for any term.

**Total Hours:** 45

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.













## 2023 - 2024 Major Map

### Forensic Science, BS

School/College: [New College of Interdisciplinary Arts and Sciences](#)

Location: [West](#)

ASFOREBS

Term 1 0 - 15 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 BIO 181: General Biology I (SQ)	4	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-M satisfies this requirement.</li> <li>IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101-M.</li> <li>Select your <b>Career Interest Communities</b> and play <b>me3@ASU</b>.</li> <li>Activate your <b>Handshake</b> account and build out your profile.</li> </ul>
 CHM 113: General Chemistry I (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 210: Brief Calculus (MA) OR MAT 251: Calculus for Life Sciences (MA)	3	C	
NEW 101-M: The ASU New College Experience	1		
Term hours subtotal:	15		
Term 2 15 - 29 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 BIO 182: General Biology II (SG)	4	C	<ul style="list-style-type: none"> <li>Create a first draft <b>resume</b>.</li> <li>Join a <b>student club</b> or professional organization.</li> <li>Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> </ul>
 CHM 116: General Chemistry II (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
STP 226: Elements of Statistics (CS)	3	C	
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	14		
Term 3 29 - 44 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CHM 233: General Organic Chemistry I	3	C	<ul style="list-style-type: none"> <li>Develop your <b>research skills</b>.</li> <li>Develop your <b>professional skills</b>.</li> </ul>
 CHM 237: General Organic Chemistry Laboratory I	1	C	
CRJ 100: Introduction to Criminal Justice (SB)	3	C	
FOR 286: Principles of Forensic Science	4	C	
PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ)	4	C	
 Complete First-Year Composition requirement.			
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	15		
		<b>Minimum</b>	

Term 4 44 - 59 Credit Hours Critical course signified by ⚠	Hours	Grade	Notes
⚠ CHM 234: General Organic Chemistry II	3	C	<ul style="list-style-type: none"> <li>Forensic science internships are very competitive and the application process takes time. Fall semester internships typically require application in the spring semester prior, and spring or summer semester internships require application by the start of the preceding fall semester.</li> </ul>
⚠ CHM 238: General Organic Chemistry Laboratory II	1	C	
FOR 200: Forensic Science Seminar	1	Y	
PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ)	4	C	
Humanities, Arts and Design (HU)	3		
Social-Behavioral Sciences (SB) ( PSY 211 recommended)	3		
Term hours subtotal:	15		

Term 5 59 - 73 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ BCH 371: Modern Concepts in Biochemistry	3	C	<ul style="list-style-type: none"> <li>IAS 300 (3 credit hours) is required for all transfer students.</li> <li>Thinking about graduate school? Consider registering for a grad school <b>test prep course</b>.</li> <li>Develop your <b>professional online presence</b>.</li> </ul>
★ BCH 372: Modern Concepts in Biochemistry Laboratory	1	C	
★ LSC 347: Fundamentals of Genetics AND LSC 348: Fundamentals of Genetics Laboratory	4	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3		
Term hours subtotal:	14		

Term 6 73 - 88 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ FOR 370: Fundamentals of Forensic Analysis	4	C	Upper-Division Forensic Science Distribution/Elective Requirements. Students must complete each of the following: <ul style="list-style-type: none"> <li>At least 4-credit hours of Upper Division Forensic Science Biology coursework</li> <li>At least 6-credit hours of Upper Division Forensic Science Chemistry coursework</li> <li>At least 10-credit hours of Upper Division Forensic Science Elective Coursework</li> </ul>
★ FOR 425: Analytical Chemistry for Life Sciences AND FOR 426: Analytical Chemistry for Life Sciences Lab	5	C	
FOR 360: Statistical Applications in Forensic Science	3	C	
FOR 413: Sacred Crimes: Religion and Violence (G & H) OR FOR 449: Latin American Cinema: The Dead and the Disappeared (G & H) OR FOR 454: History of Genocide (G & H)	3	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

See Track/Group Notes at the bottom of the major map for additional rules and course options.

- Use Handshake to research **employment opportunities**.
- Complete an in person or virtual **practice interview**.

Term 7 88 - 104 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Forensic Science Culminating Experience	3	C	Upper-Division Forensic Science Distribution/Elective Requirements. Students must complete each of the following: <ul style="list-style-type: none"> <li>At least 4-credit hours of Upper Division Forensic Science Biology coursework</li> <li>At least 6-credit hours of Upper Division Forensic Science Chemistry coursework</li> <li>At least 10-credit hours of Upper Division Forensic Science Elective Coursework</li> </ul>
FOR 410: Testimony and Ethics in the Forensic Sciences (L)	3	C	
Upper Division Forensic Science Chemistry Distribution Course	3	C	
Upper Division Forensic Science Elective	4-3	C	
Upper Division Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3	C	
Term hours subtotal:	16-15		



See Track/Group Notes at the bottom of the major map for additional rules and course options.

- Students must participate in a culminating experience, choosing from FOR 388, FOR 484, FOR 492, or FOR 499. Each of these courses requires prior faculty approval and mentorship. FOR 499 must consist of an approved, faculty-mentored research project to be used as the culminating, senior-level experience. See academic advisor for questions.
- Gather **professional references**.

Term 8 104 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Forensic Science Chemistry Distribution Course	3	C	Upper-Division Forensic Science Distribution/Elective Requirements. Students must complete each of the following:
Upper Division Forensic Science Biology Distribution Course	4	C	
Upper Division Forensic Science Elective	6-7	C	
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	<ul style="list-style-type: none"> <li>• At least 4-credit hours of Upper Division Forensic Science Biology coursework</li> <li>• At least 6-credit hours of Upper Division Forensic Science Chemistry coursework</li> <li>• At least 10-credit hours of Upper Division Forensic Science Elective Coursework</li> </ul>
Term hours subtotal:		16-17	

See Track/Group Notes at the bottom of the major map for additional rules and course options.

- Apply for **full-time career opportunities**.

- Upper-Division Forensic Science Distribution/Elective Requirements: Students must complete each of the following:
  - At least 4 credit hours of Upper Division Forensic Science Biology coursework
  - At least 6 credit hours of Upper Division Forensic Science Chemistry coursework
  - At least 10 credit hours of Upper Division Forensic Science Elective coursework
- At least two lab courses must be taken (either individual 1 credit labs or lecture/lab combos) in fulfilling the forensic biology distribution, forensic science chemistry distribution, and forensic science elective requirements.
- Courses do not count towards more than one category between Biology Distribution, Chemistry Distribution, Forensic Science Electives, and Culminating Experience.

Hide Course List(s)/Track Group(s)

Upper Division Forensic Science Biology Distribution Courses	Upper Division Forensic Science Chemistry Distribution Courses	Upper Division Forensic Science Electives
FOR 380: Analysis of Nonhuman Forensic DNA Evidence	FOR 401: Forensic Toxicology	FOR 380: Analysis of Nonhuman Forensic DNA Evidence
FOR 394: Forensic Botany	FOR 404: Forensic Toxicology Laboratory	FOR 394: Forensic Botany

FOR 394: Introduction to Forensic Anthropology	FOR 475: Principles of Toxicology	FOR 394: Introduction to Forensic Anthropology
FOR 402: Forensic Biology	FOR 494: Forensic Chemistry	FOR 400: Comparative Forensics
FOR 405: Techniques in Forensic Biology Laboratory	FOR 494: Forensic Chemistry Lab	FOR 401: Forensic Toxicology
FOR 414: Fundamentals of Forensic Entomology		FOR 402: Forensic Biology
FOR 447: Molecular Genetics Laboratory		FOR 403: Comparative Forensics Laboratory
FOR 480: Advanced Topics in Human Forensic DNA Typing		FOR 404: Forensic Toxicology Laboratory
FOR 494: Human Osteology and Forensic Techniques		FOR 405: Techniques in Forensic Biology Laboratory
		FOR 414: Fundamentals of Forensic Entomology
		FOR 447: Molecular Genetics Laboratory
		FOR 475: Principles of Toxicology
		FOR 480: Advanced Topics in Human Forensic DNA Typing
		FOR 484: Internship
		FOR 486: Peer Mentoring in the Forensic Sciences
		FOR 494: Forensic Chemistry
		FOR 494: Forensic Chemistry Lab
		FOR 494: Human Osteology and Forensic Techniques
		FOR 499: Individualized Instruction
Upper Division Forensic Science Culminating Experience		
FOR 388: STEM Research Fundamentals		
FOR 484: Internship		
FOR 492: Honors Directed Study		
FOR 494: Fundamental Skills in Forensic Science		
FOR 496: Forensic Science Service Learning		
FOR 499: Individualized Instruction		

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
  - Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

## 2023 - 2024 Major Map

### Forensic Science, BS



School/College: [New College of Interdisciplinary Arts and Sciences](#)




Location: [Online ASU Local](#)



ASFOREBS





In order to complete the requirements of this program, some laboratory courses will be completed in-person at the Tempe Campus.



These laboratory courses will be offered during summer. This may impact your financial aid. Financial aid is available to those who apply and qualify, and students may receive funds to help cover costs for each semester of enrollment. The amount of financial aid that a student is eligible for varies depending on prior education experience and other individual factors. [Learn](#) more about summer financial aid and additional ways to cover summer costs.

Term 1 - A 0 - 8 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 BIO 181: General Biology I (SQ)	4	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific First-Year Seminar required for all first-year students. NEW 101 satisfies this requirement.</li> <li>IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
NEW 101-M: The ASU New College Experience	1		
Term hours subtotal:	8		

Term 1 - B 8 - 15 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 BIO 182: General Biology II (SG)	4	C	<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> <li>Select your <a href="#">Career Interest Communities</a> and play <a href="#">me3@ASU</a>.</li> <li>Activate your <a href="#">Handshake</a> account and build out your profile.</li> </ul>
 MAT 210: Brief Calculus (MA) OR MAT 251: Calculus for Life Sciences (MA)	3	C	
Term hours subtotal:	7		



Term 2 - A 15 - 22 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CHM 113: General Chemistry I (SQ)	4	C	<ul style="list-style-type: none"> <li>Review the <a href="#">Career Guide for ASU Online students</a> to learn about available career planning resources.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 2 - B 22 - 29 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CHM 116: General Chemistry II (SQ)	4	C	
 STP 226: Elements of Statistics (CS)	3	C	
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	7		

Term 3 - A 29 - 36 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CHM 233: General Organic Chemistry I	3	C	<ul style="list-style-type: none"> <li>Plan ahead for in-person laboratory attendance in Summer Term 4 and Summer Term 8 on ASU's campus in Arizona.</li> <li>ASU Online Forensic Science BS students will complete experiments for the Organic Chemistry labs (CHM 237 and CHM 238) and Biochemistry lab (BCH 372) during a 2-week, immersive, in-person experience on ASU's campuses in Arizona during Summer Term 4. Experiments will be conducted and completed during the 2-week on-campus residency, and lab reports will be completed in subsequent weeks during the same summer term.</li> </ul>
FOR 286: Principles of Forensic Science	4	C	
Term hours subtotal:	7		

Term 3 - B 36 - 43 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CHM 234: General Organic Chemistry II	3	C	
CRJ 100: Introduction to Criminal Justice (SB)	3	C	
FOR 200: Forensic Science Seminar	1	Y	
 Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	7		

Term 4 - A 43 - 50 Credit Hours	Hours	Minimum Grade	Notes
PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ)	4	C	
Social-Behavioral Sciences (SB) ( PSY 211 recommended)	3		
Term hours subtotal:	7		

Term 4 - B 50 - 57 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 BCH 371: Modern Concepts in Biochemistry	3	C	<ul style="list-style-type: none"> <li>Develop your <b>professional online presence</b>.</li> </ul>
PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ)	4	C	
Term hours subtotal:	7		

Summer 4 57 - 60 Credit Hours	Hours	Minimum Grade	Notes
BCH 372: Modern Concepts in Biochemistry Laboratory	1	C	<ul style="list-style-type: none"> <li>During Summer Term 4, ASU Online Forensic Science BS students will complete experiments for the Organic Chemistry labs (CHM 237 and CHM 238) at the ASU Tempe campus during a one-week session, followed immediately by another one-week session at the ASU West campus to complete all experiments for the Biochemistry lab (BCH 372). Lab reports will be completed in subsequent weeks during the same summer term.</li> </ul>
CHM 237: General Organic Chemistry Laboratory I	1	C	
CHM 238: General Organic Chemistry Laboratory II	1	C	
Term hours subtotal:	3		

Term 5 - A 60 - 66 Credit Hours	Hours	Minimum Grade	Notes
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Humanities, Arts and Design (HU)	3
Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3
Term hours subtotal:	6

- IAS 300 (3 credit hours) is required for all transfer students.

Term 5 - B 66 - 73 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
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LSC 347: Fundamentals of Genetics AND LSC 348: Fundamentals of Genetics Laboratory	4	C
FOR 413: Sacred Crimes: Religion and Violence (G & H) OR HST 454: History of Genocide (G & H) or REL 454: History of Genocide (G & H)	3	C
Term hours subtotal:	7	

- Forensic science internships are competitive and the application process takes time. Fall semester internships typically require application in the spring semester prior, and spring or summer semester internships require application by the start of the preceding fall semester.

Term 6 - A 73 - 80 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
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FOR 370: Fundamentals of Forensic Analysis	4	C
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3	
Term hours subtotal:	7	

Term 6 - B 80 - 86 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
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FOR 360: Statistical Applications in Forensic Science	3	C
Upper Division Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3	C
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
Term hours subtotal:	6	

- Plan ahead for in-person laboratory attendance in Summer Term 8 at ASU's West campus in Glendale, AZ.
- Thinking about graduate school? Consider registering for a grad school **test prep course**.

Term 7 - A 86 - 92 Credit Hours	Hours	Minimum Grade	Notes
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FOR 410: Testimony and Ethics in the Forensic Sciences (L)	3	
Upper Division Forensic Science Chemistry Distribution Course	3	C
Term hours subtotal:	6	

Upper-Division Forensic Science Biology, Chemistry, and other Forensic Science Distribution Requirements (20 credit hours total):

- 4 credit hours of Upper Division Forensic Science Biology coursework
- 6 credit hours of Upper Division Forensic Science Chemistry coursework
- 10 credit hours of Upper Division Forensic Science Elective coursework

See Track/Group Notes at the bottom of the major map for specific course requirements.

Term 7 - B 92 - 97 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
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FOR 425: Analytical Chemistry for Life Sciences AND FOR 426: Analytical Chemistry for Life Sciences Lab	5	C
Term hours subtotal:	5	

- Use Handshake to research **employment opportunities**.
- Complete an in person or virtual **practice interview**.

Term 8 - A 97 - 104 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
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★ Upper Division Forensic Science Biology Distribution Course	4	C	Upper-Division Forensic Science Biology, Chemistry, and other Forensic Science Distribution Requirements (20 credit hours total):
Upper Division Forensic Science Requirement	3-4	C	
Term hours subtotal:	7-8		

- 4 credit hours of Upper Division Forensic Science Biology coursework
- 6 credit hours of Upper Division Forensic Science Chemistry coursework
- 10 credit hours of Upper Division Forensic Science Elective coursework

See Track/Group Notes at the bottom of the major map for specific course requirements.

- Gather **professional references**.

Term 8 - B 104 - 111 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Forensic Science Requirement	4-3	C	<ul style="list-style-type: none"> <li>• Apply for <b>full-time career opportunities</b>.</li> </ul>
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language.	3	C	
Term hours subtotal:	7-6		

Summer 8 111 - 114 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Forensic Science Culminating Experience	3	C	<ul style="list-style-type: none"> <li>• ASU Online Forensic Science BS students will participate in a culminating experience. Barrett Honors students may choose FOR 492 or 493 as their culminating experience. However, it is strongly recommended that all online Forensic Science BS students participate in the forensics residency experience, FOR 494 Fundamental Skills in Forensic Science.</li> <li>• FOR 494 Fundamentals of Forensic Science requires an immersive, 2-week residency in the crime scene lab and other labs at ASU's West campus in Glendale, AZ.</li> <li>• Alternatively, students may seek a local internship (FOR 484). Forensic Science internships are not guaranteed. Forensic science internships are competitive and the application process takes time. All internships require prior faculty approval. Please contact your academic advisor for questions.</li> </ul>
Term hours subtotal:	3		

Term 9 - A 114 - 120 Credit Hours <b>Necessary course signified by</b>	Hours	Minimum Grade	Notes
★ Upper Division Forensic Science Chemistry Distribution Course	3	C	Upper-Division Forensic Science Biology, Chemistry, and other Forensic Science Distribution Requirements (20 credit hours total):
★ Upper Division Forensic Science Requirement	3	C	
Term hours subtotal:	6		

- 4 credit hours of Upper Division Forensic Science Biology coursework

- 6 credit hours of Upper Division Forensic Science Chemistry coursework
- 10 credit hours of Upper Division Forensic Science Elective coursework

See Track/Group Notes at the bottom of the major map for specific course requirements.

- Upper-Division Forensic Science Biology, Chemistry, and other Forensic Science Distribution Requirements (20 credit hours total):
  - 4 credit hours of Upper Division Forensic Science Biology coursework - FOR 402 (3 credits) and FOR 405 (1 credit).
  - 6 credit hours of Upper Division Forensic Science Chemistry coursework - FOR 401 (3 credits) and FOR 475 (3 credits).
  - 10 credit hours of Upper Division Forensic Science Elective coursework - FOR 394 (3 credits), FOR 400 (3 credits), FOR 494 Forensic Chemistry (3 credits), and FOR 494 Forensic Chemistry Lab ( 1 credit).

Hide Course List(s)/Track Group(s)

Upper Division Forensic Science Biology Distribution Courses	Upper Division Forensic Science Chemistry Distribution Courses	Upper Division Forensic Science Requirements
FOR 402: Forensic Biology AND FOR 405: Techniques in Forensic Biology Laboratory	FOR 401: Forensic Toxicology FOR 475: Principles of Toxicology	FOR 394: Introduction to Forensic Anthropology FOR 400: Comparative Forensics FOR 494: Forensic Chemistry FOR 494: Forensic Chemistry Lab
Upper Division Forensic Science Culminating Experience		
FOR 484: Internship		
FOR 492: Honors Directed Study		
FOR 494: Fundamental Skills in Forensic Science		

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum

**General University Requirements Legend**

- General Studies Core Requirements:
- Literacy and Critical Inquiry (L)
  - Mathematical Studies (MA)



**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.




## 2023 - 2024 Major Map



### Gender, Women and Sexuality Studies, BS



School/College: [New College of Interdisciplinary Arts and Sciences](#)

Location: [West](#)

ASWSTBS



Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>Students should consult an advisor on (MA) course selection to ensure prerequisites for selected Statistics or Quantitative Methods requirement are met.</li> <li>ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-H satisfies this requirement.</li> <li>IAS 300 (3 credits) is required for all transfer students in place of NEW 101-H.</li> <li>Select your <a href="#">Career Interest Communities</a> and play <a href="#">me3@ASU</a>.</li> <li>Activate your <a href="#">Handshake</a> account and build out your profile.</li> </ul>
 WST 100: Women, Gender, and Society (SB & C)	3	C	
NEW 101-H: The ASU New College Experience	1		
Humanities, Arts and Design (HU)	3		
Mathematics (MA) ( MAT 142 recommended)	3	C	
Elective	3		
Term hours subtotal:	16		


Term 2 16 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>Create a first draft <a href="#">resume</a>.</li> <li>Join a <a href="#">student club</a> or professional organization.</li> <li>Secure a <a href="#">part-time job</a> or <a href="#">volunteer experience</a>.</li> </ul>
Historical Awareness (H)	3		
Natural Science - Quantitative (SQ)	4		
Complete 2 courses: Elective	6		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		



Term 3 32 - 47 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
Women and Gender Studies Elective	3	C	<ul style="list-style-type: none"> <li>Develop your <a href="#">research skills</a>.</li> <li>Develop your <a href="#">professional skills</a>.</li> </ul>
Computer/Statistics/Quantitative Applications (CS)	3		
Humanities, Arts and Design (HU)	3		
Complete 2 courses: Elective	6		
 Complete Mathematics (MA) requirement.			


Complete First-Year Composition requirement.

Term hours subtotal: 15

Term 4 47 - 63 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 HRC 200: Introduction to Social and Cultural Analysis (SB & C)	3	C	<ul style="list-style-type: none"> <li>• If students are interested in taking PSY 230 to satisfy a Statistics or Quantitative Methods Elective, then PSY 101 should be taken as a university elective.</li> <li>• Explore an internship, an IGLE international experience, or ASU Study Abroad.</li> </ul>
Women and Gender Studies Elective	3	C	
Global Awareness (G)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Elective	3		
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 HRC 310: Social and Cultural Analysis: Method and Theory (C)	3	C	<ul style="list-style-type: none"> <li>• IAS 300 (3 credit hours) is required for all transfer students; elective credit hours may need adjustment. Transfer students, please see your academic advisor.</li> <li>• Completion of HRC 310 with a C or better fulfills three credit hours of the New College Language and Cultures requirement.</li> <li>• Thinking of grad school? Consider registering for a grad school <b>test prep course</b>.</li> <li>• Develop your <b>professional online presence</b>.</li> </ul>
Complete 2 courses:			
Upper Division Women and Gender Studies Elective	6	C	
Statistics or Quantitative Methods Electives	3	C	
Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
Complete 3 courses:			<ul style="list-style-type: none"> <li>• Use Handshake to research <b>employment opportunities</b>.</li> <li>• Complete an in person or virtual <b>practice interview</b>.</li> </ul>
Upper Division Women and Gender Studies Elective	9	C	
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Upper Division Elective	3		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 Complete 2 courses:			<ul style="list-style-type: none"> <li>• Gather <b>professional references</b>.</li> </ul>
Upper Division Women and Gender Studies Elective	6	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Elective	3		
Elective OR WST 484: Internship	3		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
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★ HRC 480: Capstone: Practices and Approaches (L)	3	C
<i>Complete 2 courses:</i>		
Upper Division Women and Gender Studies Elective	6	C
Statistics or Quantitative Methods Electives	3	C
Term hours subtotal:	12	

- Apply for full-time career opportunities.

- For Women and Gender Studies Electives, students must choose courses from the course list below. Other courses must be approved by an academic advisor before enrollment. No course may be used to satisfy more than one requirement in the major.

Hide Course List(s)/Track Group(s)

Women and Gender Studies Electives	Statistics or Quantitative Methods Electives
AMS 332: Studies in Race and Ethnicity	PSY 230: Introduction to Statistics (CS)
AMS 334: Class in America (SB) or ETH 333: Class in America (SB) or WST 334: Class in America (SB)	PSY 290: Research Methods (L or SG)
AMS 428: Peoples and Cultures of the American West, to 1848 (SB & H)	SBS 303: Quantitative Methods
COM 316: Gender and Communication (SB & C)	SBS 304: Social Statistics I (CS)
COM 416: Gender and Race in the Media	STP 226: Elements of Statistics (CS)
ENG 336: Women, Film and Culture (SB & C) or WST 330: Women, Film and Culture (SB & C)	STP 420: Introductory Applied Statistics (CS)
ENG 363: Transborder Mexican and Chicano/a Literature of Southwest North America ((L or HU) & C)	
ENG 364: Women and Literature (HU)	
ENG 443: Gender, Culture and Literacy or WST 415: Gender, Culture and Literacy	
ENG 454: Gender and Literature (L or HU) or WST 454: Gender and Literature (L or HU)	
ENG 455: Contemporary Women Writers	
ENG 461: Studies in Women and Literature	
ENG 462: Africana Literature (HU & G)	
HST 328: Women in U.S. History, 1880-1980 ((HU or SB) & C & H)	
HST 419: 20th Century Chicano/a History (C)	
SBS 301: Cultural Diversity ((L or SB) & C)	
SOC 426: Social Inequalities (SB)	
WST 220: Gender, Media and Culture (HU & C)	

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WST 276: U.S. Women's Movements (H & C)

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WST 333: Critical Perspectives on Sexuality  
(SB & C)

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WST 341: Latin American Women Writers  
(HU & G) or LAS 340: Latin American  
Women Writers (HU & G)

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WST 370: Chronicling Women's Lives (HU &  
C)

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WST 376: Feminist Theory (H & C)

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WST 380: Race, Gender, and Class (SB & C)

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WST 390: Women, Gender and Religion (HU  
& G) or REL 390: Women, Gender and  
Religion (HU & G)

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WST 428: Gender, Madness and Justice (SB)

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WST 430: Gender on the Borderlands (SB &  
G)

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WST 433: Race and Sexualities in Social  
Justice Movements or ETH 433: Race and  
Sexualities in Social Justice Movements

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WST 444: Gender, Health, and Bodies (SB)

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WST 449: Hate Speech, Manifestos, and  
Radical Writings (SB & C)

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WST 457: Women, Cultures, and Societies  
(SB & G)

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WST 469: Abject Bodies and the Politics of  
Trash (SB & C)

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WST 473: Indigenous and Latina/Chicana  
Representation (SB & C)

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**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)

**Total College Residency Hrs:** 12 minimum

- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.










## 2023 - 2024 Major Map


### History, BA


School/College: New College of Interdisciplinary Arts and Sciences

Location: West


ASHISBA

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 Two Semester Survey in U.S. History, Global History or European History/Western Civilization AND Historical Awareness (H)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101-H satisfies this requirement.</li> <li>IAS 300 is required for all transfer students in place of NEW 101-H.</li> <li>Select your <b>Career Interest Communities</b> and play <b>me3@ASU</b>.</li> <li>Activate your <b>Handshake</b> account and build out your profile.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
NEW 101-H: The ASU New College Experience	1		
Humanities, Arts and Design (HU)	3		
Mathematics (MA)	3	C	
Elective	3		
Term hours subtotal:	16		
Term 2 16 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 Two Semester Survey in U.S. History, Global History or European History/Western Civilization AND Historical Awareness (H)	3	C	<ul style="list-style-type: none"> <li>Create a first draft resume.</li> <li>Join a <b>student club</b> or professional organization.</li> <li>Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Global Awareness (G)	3		
Humanities, Arts and Design (HU)	3		
Natural Science - Quantitative (SQ)	4		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		
Term 3 32 - 47 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 HST Elective	3	C	<ul style="list-style-type: none"> <li>Develop your <b>research skills</b>.</li> <li>Develop your <b>professional skills</b>.</li> </ul>
Computer/Statistics/Quantitative Applications (CS)	3		
Cultural Diversity in the U.S. (C)	3		
Social-Behavioral Sciences (SB)	3		
Elective	3		
 Complete First-Year Composition requirement.			
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	15		



Term 4 47 - 63 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
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 Complete 2 courses: History Related Area Course	6	C	<ul style="list-style-type: none"> <li>Explore an <b>internship</b>, <b>IGLE international experience</b> or <b>ASU Study Abroad</b>.</li> </ul>
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB)	3		
Elective	3		
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
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 Complete 2 courses: HST Upper Division Elective	6	C	<ul style="list-style-type: none"> <li>IAS 300 (3 credit hours) is required for all transfer students.</li> <li>Thinking about graduate school? Consider registering for a grad school <b>test prep course</b>.</li> <li>Develop your <b>professional online presence</b>.</li> </ul>
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3		
Elective	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
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 Upper Division Non-US Non-European History Course	3	C	<ul style="list-style-type: none"> <li>Use Handshake to research <b>employment opportunities</b>.</li> <li>Complete an in person or virtual <b>practice interview</b>.</li> </ul>
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
History Related Area Course	3	C	
HST Upper Division Elective	3	C	
Upper Division Elective	3		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
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 Upper Division Non-US Non-European History Course	3	C	<ul style="list-style-type: none"> <li>Students must successfully complete six credit hours of upper-division History coursework prior to enrolling in HST 495.</li> <li>Gather <b>professional references</b>.</li> </ul>
Complete 2 courses: Upper Division History Related Area Course	6	C	
HST Upper Division Elective	3	C	
Upper Division Elective	3		
Term hours subtotal:	15		



Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HST 495: Methods of Historical Inquiry (L)	3	C	• Apply for full-time career opportunities.
Upper Division Social-Behavioral Sciences (SB) OR Upper Division Humanities, Arts and Design (HU)	3		
Upper Division Elective OR IAS 484: Internship	3		
Elective	3		
Term hours subtotal:	12		

- Students must complete two courses from one of the three Two Semester History Surveys: U.S. History, Global History or European History/Western Civilization.
- Students must complete 12 credit hours of upper-division history in courses offered by the New College of Interdisciplinary Arts and Sciences.
- Students must successfully complete six credit hours of upper-division History coursework prior to enrolling in HST 495.

Hide Course List(s)/Track Group(s)

Two Semester History Survey: U.S. History	Two Semester History Survey: Global History	Two Semester History Survey: European History/Western Civilization
HST 109: United States to 1865 ((HU or SB) & H)	HST 100: Global History to 1500 (HU & H & G)	HST 102: Europe and the Mediterranean: Ancient and Medieval (SB & H)
HST 110: United States Since 1865 (SB & H)	HST 101: Global History Since 1500 (HU & H & G)	HST 103: Early Modern Europe: Renaissance to Enlightenment ((HU or SB) & H)
		HST 104: Modern Europe: French Revolution to European Union ((HU or SB) & G & H)
Non-US/Non-European History Courses	History Related Area Courses	
HST 375: Colonial Latin America (SB & H)	AMS Elective	
HST 376: Modern Latin America (SB & G & H)	ENG Elective	
HST 394: The Empire of Cyrus the Great of Persia	ETH Elective	
HST 404: Conquest and Encounters in Colonial Latin America (L & G)	HRC Elective	
HST 430: The Ottoman Empire in the Classical Period	HST Elective	
HST 441: Latin America and the World Economy (L & G & H)	JHR Elective	
HST 454: History of Genocide (G & H)	LAS Elective	
	PAX Elective	
	PHI Elective	
	REL Elective	
	SPA Elective	

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's

first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>

- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.








## 2023 - 2024 Major Map

### History (Secondary Education), BA

School/College: [New College of Interdisciplinary Arts and Sciences](#)

Location: [West](#)

ASHISSEBA

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 Two Semester Survey in U.S. History, Global History or European History/Western Civilization AND Historical Awareness (H)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-H satisfies this requirement.</li> <li>IAS 300 (3 credits) is required for all transfer students in place of NEW 101-H.</li> <li>By the end of Term 4, a minimum 2.25 cumulative GPA is required in order to progress into the upper division education program courses.</li> <li>Select your <b>Career Interest Communities</b> and play <a href="#">me3@ASU</a>.</li> <li>Activate your <b>Handshake</b> account and build out your profile.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
NEW 101-H: The ASU New College Experience	1		
Humanities, Arts and Design (HU)	3		
Mathematics (MA) ( MAT 142 recommended)	3	C	
Elective ( TEL 111 recommended)	3		
Term hours subtotal:	16		
Term 2 16 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 Two Semester Survey in U.S. History, Global History or European History/Western Civilization AND Historical Awareness (H)	3	C	<ul style="list-style-type: none"> <li>Create a first draft <b>resume</b>.</li> <li>Join a <b>student club</b> or professional organization.</li> <li>Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Global Awareness (G)	3		
Humanities, Arts and Design (HU) ( TEL 212 recommended)	3		
Natural Science - Quantitative (SQ)	4		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		
Term 3 32 - 47 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 HST Elective	3	C	<ul style="list-style-type: none"> <li>BLE 220 satisfies the requirement for a Structured English Immersion Endorsement (For Certified Teachers). This Endorsement authorizes the holder to teach one or more English language learners in the area they are appropriately certified.</li> <li>GCU 113 satisfies the US and AZ constitution requirement for teacher certification.</li> </ul>
History Related Area Course	3	C	
Computer/Statistics/Quantitative Applications (CS) ( CIS 105 OR EDT 180 recommended)	3		
Literacy and Critical Inquiry (L) ( BLE 220 recommended)	3		
Social-Behavioral Sciences (SB) ( GCU 113 recommended)	3		

🚩 Complete First-Year Composition requirement.

🚩 Complete Mathematics (MA) requirement.

Term hours subtotal: 15

- Develop your **research skills**.
- Develop your **professional skills**.

Term 4 47 - 63 Credit Hours <b>Critical course signified by</b> 🚩	Hours	Minimum Grade	Notes
🚩 History Related Area Course	3	C	<ul style="list-style-type: none"><li>• Apply for an identity verified print (IVP) fingerprint clearance card. Your IVP fingerprint card will be needed prior to enrolling in Term 5 education courses and internship.</li><li>• Meet with a Mary Lou Fulton Teachers College advisor early in the semester to discuss education program requirements and submit a copy of your IVP fingerprint card.</li><li>• Explore an <b>internship</b>, <b>IGLE international experience</b> or <b>ASU Study Abroad</b>.</li></ul>
🚩 HST Upper Division Elective	3	C	
🚩 HST Elective	3	C	
SPE 222: Orientation to Education of Exceptional Children (SB & C)	3	C	
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours <b>Necessary course signified by</b> ⭐	Hours	Minimum Grade	Notes
⭐ TEL 310: Instructional Thought and Action: Instructional Design and Planning	3	C	<ul style="list-style-type: none"><li>• Successful completion of six credit hours of upper-division History coursework must be completed prior to taking HST 495.</li><li>• IAS 300 (3 credit hours) is required for all transfer students.</li><li>• Thinking about graduate school? Consider registering for a grad school <b>test prep course</b>.</li><li>• Develop your <b>professional online presence</b>.</li></ul>
⭐ TEL 318: Instructional Thought and Action: Assessment for Learning	3	C	
⭐ Upper Division Non-U.S. Non-European History Course	3	C	
⭐ HST Upper Division Elective	3	C	
IAS 300: Career Strategies and Personal Resilience (L or SB) OR Upper Division Humanities, Arts and Design (HU) or Upper Division Social-Behavioral Sciences (SB)	3		
⭐ Minimum 2.25 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 6 78 - 94 Credit Hours <b>Necessary course signified by</b> ⭐	Hours	Minimum Grade	Notes
⭐ HST 495: Methods of Historical Inquiry (L)	3	C	<ul style="list-style-type: none"><li>• TEL 366 (recommended) provides additional classroom experience prior to the required internship and student teaching experiences during senior year. TEL 366 requires 45 hours in a 6-12th grade classroom over the semester. Reliable transportation is required to get to school sites in Terms 6-8.</li><li>• Use Handshake to research <b>employment opportunities</b>.</li><li>• Complete an in person or virtual <b>practice interview</b>.</li></ul>
⭐ SED 494: Methods of Teaching History: Community Resources OR SED 480: Special Methods of Teaching Social Studies	3	C	
⭐ TEL 317: Instructional Thought and Action: Learning Environment and Management	3	C	
⭐ Upper Division Non-U.S. Non-European History Course	3	C	
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Elective ( TEL 366 recommended)	1		
⭐ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	16		

Term 7 94 - 108 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ TEL 332: Disciplinary Literacy Methods	3	C	<ul style="list-style-type: none"> <li>All degree requirements must be completed prior to student teaching. Only one course will be approved to take concurrently with student teaching.</li> <li>TEL 477 is a required internship, which allows you to work alongside a mentor teacher in a 6-12th grade classroom for a total of 75 hours. Reliable transportation is required to get to school site.</li> <li>Gather <b>professional references</b>.</li> </ul>
★ TEL 477: Internship: Advanced	2	C	
★ HST Upper Division Elective	3	C	
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Elective ( TEL 340 recommended)	3		
★ Minimum 2.25 GPA ASU Cumulative.			
Term hours subtotal:		14	

Term 8 108 - 120 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ TEL 471: Professional Educator Series: The Principled Educator	1		<ul style="list-style-type: none"> <li>Your student teaching residency requires a full-time commitment in a 6-12th grade classroom for the semester. Reliable transportation is required to get to school site.</li> <li>Students seeking teacher certification must pass required <b>educator exams</b>. Speak to your education advisor to plan appropriately.</li> <li>Apply for <b>full-time employment opportunities</b>.</li> </ul>
TEL 488: Student Teaching	11	C	
Minimum 2.25 GPA ASU Cumulative.			
Term hours subtotal:		12	

- Students must select two courses from one of the three lower division history survey tracks: U.S. History, Global History, or European History/Western Civilization.
  - Students must complete 12 credit hours of upper-division history courses offered by the New College of Interdisciplinary Arts and Sciences.

Hide Course List(s)/Track Group(s)

Two Semester History Survey: U.S. History	Two Semester History Survey: Global History	Two Semester History Survey: European History/Western Civilization
HST 109: United States to 1865 ((HU or SB) & H)	HST 100: Global History to 1500 (HU & H & G)	HST 102: Europe and the Mediterranean: Ancient and Medieval (SB & H)
HST 110: United States Since 1865 (SB & H)	HST 101: Global History Since 1500 (HU & H & G)	HST 103: Early Modern Europe: Renaissance to Enlightenment ((HU or SB) & H)
		HST 104: Modern Europe: French Revolution to European Union ((HU or SB) & G & H)
Non-US/Non-European History Courses	History Related Area Courses	
HST 375: Colonial Latin America (SB & H)	AMS Elective	
HST 376: Modern Latin America (SB & G & H)	ENG Elective	
	ETH Elective	

HST 394: The Empire of Cyrus the Great of Persia	HRC Elective
HST 404: Conquest and Encounters in Colonial Latin America (L & G)	HST Elective JHR Elective
HST 430: The Ottoman Empire in the Classical Period	LAS Elective PAX Elective
HST 441: Latin America and the World Economy (L & G & H)	PHI Elective
HST 454: History of Genocide (G & H)	REL Elective SPA Elective

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

## 2023 - 2024 Major Map











### Interdisciplinary Arts and Performance, BA

School/College: New College of Interdisciplinary Arts and Sciences

Location: West



ASIAPBA



Accelerated options for this program are not currently available to ASU Online students.





Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-H satisfies this requirement.</li> <li>IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101-H.</li> <li>Select your <b>Career Interest Community</b> and play <b>me3@ASU</b>.</li> <li>Activate your <b>Handshake</b> account and build out your profile.</li> </ul>
 IAP 103: Foundations I: Interdisciplinary Art Practice	3	C	
NEW 101-H: The ASU New College Experience	1		
Historical Awareness (H)	3		
Mathematics (MA) ( MAT 142 recommended)	3	C	
Elective	3		
Term hours subtotal:	16		
Term 2 16 - 31 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>Create a first draft <b>resume</b>.</li> <li>Join a <b>student club</b> or professional organization.</li> <li>Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> </ul>
Humanities, Arts and Design (HU)	3		
Literacy and Critical Inquiry (L)	3		
Social-Behavioral Sciences (SB)	3		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		
Term 3 31 - 47 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 IAP 201: Introduction to Interdisciplinary Arts (HU) OR IAP 202: Perspectives on Interdisciplinary Arts and Performance (HU)	3	C	<ul style="list-style-type: none"> <li>Develop your <b>research</b> skills. Discuss with a faculty member.</li> <li>Develop your <b>professional</b> skills.</li> </ul>
Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB)	3		
Complete 2 courses:			
Elective	6		
 Complete Mathematics (MA) requirement.			



Complete First-Year Composition requirement.

Term hours subtotal: 16

Term 4 47 - 63 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 IAP 304: Traditions of the Avant-Garde and Experimental Art (L or HU) OR IAP 305: 20th and 21st Century Art, Performance, and Media (L or HU)	3	C	<ul style="list-style-type: none"> <li>Explore an <b>internship</b>, an <b>IGLE international experience</b>, or <b>ASU Study Abroad</b>.</li> </ul>
Cultural Diversity in the U.S. (C)	3		
Global Awareness (G)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	3		
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 IAP 361: Digital Editing and Media Literacy (CS)	3	C	<ul style="list-style-type: none"> <li>IAS 300 (3 credit hours) is required for all transfer students.</li> <li>Consult your academic advisor in selecting IAP Electives. Some IAP courses do not apply.</li> <li>Thinking about graduate school? Consider registering for a grad school <b>test prep course</b>.</li> <li>Develop your <b>professional online presence</b>.</li> </ul>
Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3		
Complete 2 courses:	6	C	
IAP Upper Division Elective	3		
Elective	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 IAP 325: Sound Performance: Exploring Alternative Performance Groups	3	C	<ul style="list-style-type: none"> <li>Consult your academic advisor in selecting IAP Electives. Some IAP courses may not apply.</li> <li>Use Handshake to research <b>employment opportunities</b>.</li> <li>Complete an in person or virtual <b>practice interview</b>.</li> </ul>
 IAP 354: Visual Representation	3	C	
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
IAP Upper Division Elective	3	C	
Elective	3		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 IAP 375: Contemporary Performance: Theories and Practice	3	C	<ul style="list-style-type: none"> <li>Consult your academic advisor in selecting IAP Electives. Some IAP courses may not apply.</li> <li>Gather <b>professional references</b>.</li> </ul>
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in			



addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.

Complete 2 courses:		
IAP Upper Division Elective	6	C
Elective	3	
Term hours subtotal:	15	

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ IAP 480: Art as Praxis: From Conceptualization to Production	3	C	<ul style="list-style-type: none"> <li>Consult your academic advisor in selecting IAP Electives. Some IAP courses may not apply.</li> <li>Apply for full-time career opportunities.</li> </ul>
Complete 2 courses:			
IAP 4** Elective	6	C	
Elective	3		
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
  - Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum  
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

## 2023 - 2024 Major Map



### Interdisciplinary Arts and Performance, BA

School/College: [New College of Interdisciplinary Arts and Sciences](#)

Location: [Online ASU Local](#)



ASIAPBA

Accelerated options for this program are not currently available to ASU Online students.

Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 IAP 103: Foundations I: Interdisciplinary Art Practice	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101 fulfills this requirement.</li> <li>IAS 300 (3 credits) is required for all transfer students in place of NEW 101.</li> <li>Select your <a href="#">Career Interest Communities</a> and play <a href="#">me3@ASU</a>.</li> <li>Activate your <a href="#">Handshake</a> account and build out your profile.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
NEW 101: The ASU New College Experience	1		
Term hours subtotal:	7		

Term 1 - B 7 - 13 Credit Hours	Hours	Minimum Grade	Notes
Historical Awareness (H)	3		<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> </ul>
Mathematics (MA) (MAT 142 recommended)	3	C	
Term hours subtotal:	6		

Term 2 - A 13 - 19 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	6		

Term 2 - B 19 - 25 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
Literacy and Critical Inquiry (L)	3		<ul style="list-style-type: none"> <li>Create a first draft <a href="#">resume</a>.</li> </ul>
Social-Behavioral Sciences (SB)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	6		

Term 3 - A 25 - 32 Credit Hours	Hours	Minimum Grade	Notes

Natural Science - Quantitative (SQ)	4
Elective	3
Term hours subtotal:	7

- Build your professional skills.

Term 3 - B 32 - 38 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
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Cultural Diversity in the U.S. (C)	3
Social-Behavioral Sciences (SB)	3
⚠ Complete First-Year Composition requirement.	
⚠ Complete Mathematics (MA) requirement.	
Term hours subtotal:	6

Term 4 - A 38 - 45 Credit Hours	Hours	Minimum Grade	Notes
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Global Awareness (G)	3
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4
Term hours subtotal:	7

- Develop your skills.

Term 4 - B 45 - 51 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
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⚠ IAP 201: Introduction to Interdisciplinary Arts (HU) OR IAP 202: Perspectives on Interdisciplinary Arts and Performance (HU)	3	C
Elective	3	
Term hours subtotal:	6	

- Explore an internship, IGLE international experience or ASU Study Abroad.

Term 5 - A 51 - 57 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
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★ IAP 304: Traditions of the Avant-Garde and Experimental Art (L or HU) OR IAP 305: 20th and 21st Century Art, Performance, and Media (L or HU)	3	C
Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3	
Term hours subtotal:	6	

Term 5 - B 57 - 63 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
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★ IAP 325: Sound Performance: Exploring Alternative Performance Groups	3	C
Elective	3	
Term hours subtotal:	6	

- Create your professional online presence.

Term 6 - A 63 - 69 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
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★ IAP 361: Digital Editing and Media Literacy (CS)	3	C
Elective	3	
Term hours subtotal:	6	

Term 6 - B 69 - 75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
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★ IAP Upper Division Elective	3	C
Upper Division Language and Cultures: Requirement satisfied through the following:		
* Completion of six semester hours of upper-division courses that have		

- Consult your academic advisor in selecting IAP Electives. Some IAP courses may not apply.

a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.

3 C

- Thinking about graduate school? Consider registering for a graduate school **test prep course**.

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 6

Term 7 - A 75 - 81 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ IAP 354: Visual Representation

3 C

- Create your **professional online presence**.

Elective

3

Term hours subtotal: 6

Term 7 - B 81 - 87 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ IAP Upper Division Elective

3 C

- Consult your academic advisor in selecting IAP Electives. Some IAP courses may not apply.

Elective

3

Term hours subtotal: 6

Term 8 - A 87 - 93 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ Complete 2 courses:

IAP Upper Division Elective

6 C

- Consult your academic advisor in selecting IAP Electives. Some IAP courses may not apply.
- Use Handshake to research **employment opportunities**.

Term hours subtotal: 6

Term 8 - B 93 - 99 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ IAP 375: Contemporary Performance: Theories and Practice

3 C

Upper Division Language and Cultures: Requirement satisfied through the following:

\* Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.

3 C

Term hours subtotal: 6

Term 9 - A 99 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ IAP Upper Division Elective

3 C

- Consult your academic advisor in selecting IAP Electives. Some IAP courses may not apply.
- Complete an in person or virtual **practice interview**.

Elective

3

Term hours subtotal: 6

Term 9 - B 105 - 111 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ IAP 4\*\* Elective

3 C

Elective	3
Term hours subtotal:	6

- Consult your academic advisor in selecting IAP Electives. Some IAP courses may not apply.
- Gather **professional references**.

Term 10 - A 111 - 117 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ IAP 480: Art as Praxis: From Conceptualization to Production	3	C	• Apply for <b>full-time career opportunities</b> .
Elective	3		
Term hours subtotal:	6		

Term 10 - B 117 - 120 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ IAP 4** Elective	3	C	• Consult your academic advisor in selecting IAP Electives. Some IAP courses may not apply.
Term hours subtotal:	3		

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum  
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.








## 2023 - 2024 Major Map



### Interdisciplinary Arts and Sciences, BA





School/College: New College of Interdisciplinary Arts and Sciences





Location: West




ASIASBA

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101-H satisfies this requirement.</li> <li>IAS 300 (3 credit hours) is required of transfer students in place of NEW 101-H.</li> <li>Select your <b>Career Interest Communities</b> and play <b>me3@ASU</b>.</li> <li>Activate your <b>Handshake</b> account and build out your profile.</li> </ul>
NEW 101-H: The ASU New College Experience	1		
Humanities, Arts and Design (HU)	3		
Mathematics (MA) ( MAT 142 recommended)	3	C	
Social-Behavioral Sciences (SB)	3		
Elective	3		
Term hours subtotal:	16		
Term 2 16 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>For the Area of Concentration courses starting in Term 3, work with an advisor to select a minor available at ASU or construct an individualized area of concentration with a coherent theme or purpose.</li> <li>Create a first draft <b>resume</b>.</li> <li>Join a <b>student club</b> or professional organization.</li> <li>Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> </ul>
Cultural Diversity in the U.S. (C)	3		
Historical Awareness (H)	3		
Natural Science - Quantitative (SQ)	4		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		
Term 3 32 - 47 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 Area of Concentration Course	3	C	<ul style="list-style-type: none"> <li>Area of Concentration courses are chosen in consultation with an academic advisor.</li> <li>Develop your <b>research skills</b>.</li> <li>Develop your <b>professional skills</b>.</li> </ul>
Computer/Statistics/Quantitative Applications (CS)	3		
Literacy and Critical Inquiry (L)	3		
Social-Behavioral Sciences (SB)	3		
Elective	3		
 Complete Mathematics (MA) requirement.			
Complete First-Year Composition requirement.			
Term hours subtotal:	15		

Term 4 47 - 63 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 Area of Concentration Course	3	C	<ul style="list-style-type: none"> <li>Area of Concentration courses are chosen in consultation with an academic advisor.</li> <li>Explore an <b>internship</b>, an <b>IGLE international experience</b>, or <b>ASU Study Abroad</b>.</li> </ul>
Global Awareness (G)	3		
Humanities, Arts and Design (HU)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	3		
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 IAS 300: Career Strategies and Personal Resilience (L or SB)	3	C	<ul style="list-style-type: none"> <li>Area of Concentration courses are chosen in consultation with an academic advisor.</li> <li>Students will need to complete one course from three out of the four interdisciplinary tracks.</li> <li>IAS 300 (3 credit hours) is required for all transfer students.</li> <li>Thinking about graduate school? Consider registering for a grad school <b>test prep course</b>.</li> <li>Develop your <b>professional online presence</b>.</li> </ul>
 Upper Division Interdisciplinary Track	3	C	
 Complete 2 courses: Area of Concentration Course	6	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 Upper Division Area of Concentration Course	3	C	<ul style="list-style-type: none"> <li>Area of Concentration courses are chosen in consultation with an academic advisor.</li> <li>Students will need to complete one course from three out of the four interdisciplinary tracks.</li> <li>Use Handshake to research <b>employment opportunities</b>.</li> <li>Complete an in person or virtual <b>practice interview</b>.</li> </ul>
 Upper Division Interdisciplinary Track	3	C	
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Upper Division Elective	3		
Elective	3		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 Complete 2 courses: Upper Division Area of Concentration Course	6	C	<ul style="list-style-type: none"> <li>Area of Concentration courses are chosen in consultation with an academic advisor.</li> <li>Students will need to complete one course from three out of the four interdisciplinary tracks.</li> <li>Gather <b>professional references</b>.</li> </ul>
 Upper Division Interdisciplinary Track	3	C	
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	15		

		Minimum	
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Term 8 108 - 120 Credit Hours <b>Necessary course signified by</b> ★	Hours	Grade	Notes
★ Upper Division Area of Concentration Course	3	C	<ul style="list-style-type: none"> <li>• Students will need to complete one course from three out of the four interdisciplinary tracks.</li> <li>• Apply for full-time <b>career opportunities</b>.</li> </ul>
★ Upper Division Capstone	3	C	
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Upper Division Elective	3		
Term hours subtotal:	12		

- Working with an advisor, choose an Area of Concentration by selecting a minor offered by ASU as a foundation, or construct an individualized concentration with a coherent theme or purpose of 24 credit hours (minimum 12 upper-division credit hours).
- Courses used to fulfill major requirements cannot also be used to fulfill Area of Concentration requirements.
- Choose and complete one course from three out of four program tracks for a total of 9 credit hours: Diverse Perspectives; Critical Inquiry; Experimentation and the Creative Process; Culture, Society and Power.

Hide Course List(s)/Track Group(s)

Interdisciplinary Track: Diverse Perspectives	Interdisciplinary Track: Critical Inquiry	Interdisciplinary Track: Experimentation and the Creative Process
AMS 380: Race, Gender, and Class (SB & C) or ETH 380: Race, Gender, and Class (SB & C) or WST 380: Race, Gender, and Class (SB & C)	AMS 330: American Lives (HU & C)	AMS 420: Theatre in America (HU) or IAP 420: Theatre in America (HU) or THE 420: Theatre in America (HU)
ENG 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C)	AMS 428: Peoples and Cultures of the American West, to 1848 (SB & H) or ETH 428: Peoples and Cultures of the American West, to 1848 (SB & H) or LAS 428: Peoples and Cultures of the American West, to 1848 (SB & H)	COM 335: Acting for the Camera or IAP 335: Acting for the Camera
ENG 354: African American Literature: Harlem Renaissance to the Present ((L or HU) & C)	ENG 401: Topics in Critical Theory	COM 339: Creating Dramatic Works: Page to Stage to Screen or ENG 339: Creating Dramatic Works: Page to Stage to Screen or IAP 339: Creating Dramatic Works: Page to Stage to Screen
ENG 364: Women and Literature (HU)	HRC 310: Social and Cultural Analysis: Method and Theory (C)	ENG 311: Persuasive Writing (L)
ENG 461: Studies in Women and Literature	HST 328: Women in U.S. History, 1880-1980 ((HU or SB) & C & H)	ENG 317: Cross-Cultural Writing ((L or HU) & G)
ENG 462: Africana Literature (HU & G)	HST 419: 20th Century Chicano/a History (C) or LAS 419: 20th Century Chicano/a History (C)	ENG 394: Oral History & Storytelling in Humanities & Arts
ETH 473: Indigenous and Latina/Chicana Representation (SB & C) or LAS 473: Indigenous and Latina/Chicana Representation (SB & C) or WST 473: Indigenous and Latina/Chicana Representation (SB & C)	IAS 340: Bioethics (HU) or PHI 320: Bioethics (HU)	ENG 410: Writing for Publication
HST 375: Colonial Latin America (SB & H) or LAS 375: Colonial Latin America (SB & H)	IAS 410: Evolution of Ideas (L or HU)	ENG 433: Literary Magazine Publishing: Canyon Voices
	IAS 430: Science and Religion (L or HU)	ENG 457: Studies in American Poetry (HU)
	PHI 304: Existentialism (HU)	ENG 476: Folklore in Everyday Life



HST 376: Modern Latin America (SB & G & H) or LAS 376: Modern Latin America (SB & G & H)	PHI 306: Applied Ethics (HU)	IAP 304: Traditions of the Avant-Garde and Experimental Art (L or HU)
IAP 462: Games and Play	PHI 318: Philosophy of Religion (HU)	IAP 362: Games and Narratology
LAS 340: Latin American Women Writers (HU & G) or WST 341: Latin American Women Writers (HU & G)	PHI 411: Continental Philosophy (HU)	IAP 366: 3D Modeling and Media Literacy
LAS 351: Cityscapes: Urban Mexican Literature and Culture	PHI 412: Philosophy and Literary Criticism (HU)	IAS 409: Eco-Community Ethics (HU) or PHI 409: Eco-Community Ethics (HU)
LAS 355: Contemporary Mexican Cinema: Changing Cartographies	WST 333: Critical Perspectives on Sexuality (SB & C)	LAS 480: Current Trends in Theatre and New Media in Latin America and Spain (HU)
REL 310: Western Religious Traditions (HU & H)	WST 376: Feminist Theory (H & C)	PHI 339: Philosophy of Art (HU)
REL 321: Religion in America ((L or HU) & C & H)		
REL 345: Asian Religious Traditions (HU & G)		
REL 390: Women, Gender and Religion (HU & G) or WST 390: Women, Gender and Religion (HU & G)		
WST 444: Gender, Health, and Bodies (SB)		
Interdisciplinary Track: Culture, Society, and Power	Capstone	
AMS 449: Hate Speech, Manifestos, and Radical Writings (SB & C) or ETH 449: Hate Speech, Manifestos, and Radical Writings (SB & C) or WST 449: Hate Speech, Manifestos, and Radical Writings (SB & C)	HON 493: Honors Thesis (L) or IAS 493: Honors Thesis (L)	
AMS 450: Latina/os, Schooling and Social Inequality (C) or ETH 450: Latina/os, Schooling and Social Inequality (C) or LAS 450: Latina/os, Schooling and Social Inequality (C)	HRC 480: Capstone: Practices and Approaches (L)	
AMS 469: Abject Bodies and the Politics of Trash (SB & C) or ETH 469: Abject Bodies and the Politics of Trash (SB & C) or WST 469: Abject Bodies and the Politics of Trash (SB & C)	IAS 480: Capstone: Practices and Approaches	
ENG 472: Rhetorical Studies	IAS 484: IAS Internship	
ETH 430: Gender on the Borderlands (SB & G) or LAS 430: Gender on the Borderlands (SB & G) or WST 430: Gender on the Borderlands (SB & G)		
ETH 433: Race and Sexualities in Social Justice Movements or WST 433: Race and Sexualities in Social Justice Movements		
HST 350: Later Middle Ages ((HU or SB) & H)		

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HST 360: The Crusades: Religion & Conflict in the Middle Ages (SB & H)

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HST 439: Athenian Democracy (H)

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HST 441: Latin America and the World Economy (L & G & H) or LAS 441: Latin America and the World Economy (L & G & H)

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HST 454: History of Genocide (G & H)

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IAP 394: Print and the Protest

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IAP 464: Media and Diversity (HU & G)

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IAS 406: Moral Dilemmas (L or HU) or PHI 406: Moral Dilemmas (L or HU)

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IAS 417: Philosophy of Censorship (L or HU) or PHI 417: Philosophy of Censorship (L or HU)

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LAS 350: The Construction of a Nation: Chile in the 20th/21st Century

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LAS 449: Latin American Cinema: The Dead and the Disappeared (G & H)

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LAS 471: Treaties and Cultural Production in Spain and the Americas

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LAS 481: Dictatorships and Dirty Wars: Latin American Cinema from Resistance to Reconciliation (HU & G) or SPA 481: Dictatorships and Dirty Wars: Latin American Cinema from Resistance to Reconciliation (HU & G)

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PHI 360: Business and Professional Ethics (HU)

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PHI 439: Philosophy of Love and Sex (HU)

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WST 457: Women, Cultures, and Societies (SB & G)

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**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.










## 2023 - 2024 Major Map

### Latin American Studies, BA

School/College: New College of Interdisciplinary Arts and Sciences

Location: West

ASLASBA

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
<ul style="list-style-type: none"> <li>ENG 101 or ENG 102: First-Year Composition OR</li> <li> ENG 105: Advanced First-Year Composition OR</li> <li>ENG 107 or ENG 108: First-Year Composition</li> </ul>	3	C	<ul style="list-style-type: none"> <li>• ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-H satisfies this requirement.</li> <li>• IAS 300 (3 credits) is required for all transfer students in place of NEW 101-H.</li> <li>• Select your <b>Career Interest Communities</b> and play <b>me3@ASU</b>.</li> <li>• Activate your <b>Handshake</b> account and build out your profile.</li> </ul>
NEW 101-H: The ASU New College Experience	1		
Historical Awareness (H)	3		
Mathematics (MA) ( MAT 142 recommended)	3	C	
Social-Behavioral Sciences (SB)	3		
Elective	3		
Term hours subtotal:	16		
Term 2 16 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
<ul style="list-style-type: none"> <li>ENG 101 or ENG 102: First-Year Composition OR</li> <li> ENG 105: Advanced First-Year Composition OR</li> <li>ENG 107 or ENG 108: First-Year Composition</li> </ul>	3	C	<ul style="list-style-type: none"> <li>• Create a first draft <b>resume</b>.</li> <li>• Join a <b>student club</b> or professional organization.</li> <li>• Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> </ul>
Humanities, Arts and Design (HU)	3		
Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB)	3		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		
Term 3 32 - 47 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
<ul style="list-style-type: none"> <li> LAS 205: Deep Roots: Latin America (HU &amp; G)</li> </ul>	3	C	<ul style="list-style-type: none"> <li>• Develop your <b>research skills</b>.</li> <li>• Develop your <b>professional skills</b>.</li> </ul>
Computer/Statistics/Quantitative Applications (CS)	3		
Cultural Diversity in the U.S. (C)	3		
Complete 2 courses:	6		
Elective			
 Complete First-Year Composition requirement.			
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	15		
Term 4 47 - 63 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes

📌 LAS 206: Locating Latin America: Interdisciplinary Methods	3	C
Literacy and Critical Inquiry (L)	3	
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4	
Complete 2 courses:		
Elective	6	
Term hours subtotal:	16	

- Explore an [internship](#), [IGLE international experience](#), or [ASU Study Abroad](#).

Term 5 63 - 78 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ LAS 330: From the Inside: The Latin American Journey (HU)	3	C
Upper Division Latin American Studies Elective	3	C
Upper Division Social and Cultural Representation Elective	3	C
Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3	
Elective	3	
Term hours subtotal:	15	

- The course taken to fulfill the Upper Division Social and Cultural Representation requirement cannot also be used to fulfill the Upper Division Latin American Studies Elective requirement.
- IAS 300 (3 credit hours) is required for all transfer students.
- Thinking about graduate school? Consider registering for a grad school [test prep course](#).
- Develop your [professional online presence](#).

Term 6 78 - 93 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ Complete 2 courses:		
Upper Division Latin American Studies Elective	6	C
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C
Complete 2 courses:		
Elective	6	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
Term hours subtotal:	15	

- Use [Handshake](#) to research [employment opportunities](#).
- Complete an in person or virtual [practice interview](#).

Term 7 93 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ Complete 2 courses:		
Upper Division Latin American Studies Elective	6	C
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C
Upper Division Elective	3	
Elective	3	
Term hours subtotal:	15	

- Gather [professional references](#).

Term 8 108 - 120 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
LAS 484: Internship OR LAS 485: Latin American Studies Capstone  OR LAS 493: Honors Thesis (L) OR LAS 499: Individualized Instruction	3	C	• Apply for full-time employment opportunities.
Upper Division Latin American Studies Elective	3	C	
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

Upper Division Latin American Studies Electives	Upper Division Social and Cultural Representation Elective
AMS 428: Peoples and Cultures of the American West, to 1848 (SB & H) or ETH 428: Peoples and Cultures of the American West, to 1848 (SB & H) or LAS 428: Peoples and Cultures of the American West, to 1848 (SB & H)	FOR 449: Latin American Cinema: The Dead and the Disappeared (G & H) or LAS 449: Latin American Cinema: The Dead and the Disappeared (G & H) or SPA 449: Latin American Cinema: The Dead and the Disappeared (G & H)
AMS 450: Latina/os, Schooling and Social Inequality (C) or ETH 450: Latina/os, Schooling and Social Inequality (C) or LAS 450: Latina/os, Schooling and Social Inequality (C)	JUS 475: Law, Societies and Justice in Latino-America (SB & G) or SPA 470: Law, Societies and Justice in Latino-America (SB & G)
ASB 342: Mexico-U.S. Borderlands (SB & C) or SBS 342: Mexico-U.S. Borderlands (SB & C) or SOC 342: Mexico-U.S. Borderlands (SB & C)	LAS 480: Current Trends in Theatre and New Media in Latin America and Spain (HU)
ENG 363: Transborder Mexican and Chicano/a Literature of Southwest North America ((L or HU) & C) or TCL 363: Transborder Mexican and Chicano/a Literature of Southwest North America ((L or HU) & C)	LAS 481: Dictatorships and Dirty Wars: Latin American Cinema from Resistance to Reconciliation (HU & G) or SPA 481: Dictatorships and Dirty Wars: Latin American Cinema from Resistance to Reconciliation (HU & G)
ETH 430: Gender on the Borderlands (SB & G) or LAS 430: Gender on the Borderlands (SB & G) or WST 430: Gender on the Borderlands (SB & G)	
ETH 473: Indigenous and Latina/Chicana Representation (SB & C) or LAS 473: Indigenous and Latina/Chicana Representation (SB & C) or WST 473: Indigenous and Latina/Chicana Representation (SB & C)	
FMS 475: Latin American Film ((L or HU) & G)	
GCU 323: Geography of Latin America (SB & G)	
HST 305: Studies in Latin American History	

HST 324: Food in Latin America (SB & G & H) or LAS 324: Food in Latin America (SB & G & H)

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HST 404: Conquest and Encounters in Colonial Latin America (L & G) or LAS 404: Conquest and Encounters in Colonial Latin America (L & G)

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HST 438: Modern Spain ((HU or SB) & G & H)

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HST 441: Latin America and the World Economy (L & G & H)

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HST 443: The United States and Latin America (SB & G & H)

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HST 444: Latin American Independence ((L or HU) & G)

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HST 447: Modern Mexico (SB & H)

---

JHR 378: Poverty, Inequality and Social Justice in Latin America or HST 378: Poverty, Inequality and Social Justice in Latin America or LAS 378: Poverty, Inequality and Social Justice in Latin America

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JHR 394: Human Rights in the Global South

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JHR 494: Political Representation in Latin America

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LAS 340: Latin American Women Writers (HU & G) or WST 341: Latin American Women Writers (HU & G)

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LAS 350: The Construction of a Nation: Chile in the 20th/21st Century

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LAS 351: Cityscapes: Urban Mexican Literature and Culture

---

LAS 355: Contemporary Mexican Cinema: Changing Cartographies

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LAS 375: Colonial Latin America (SB & H) or HST 375: Colonial Latin America (SB & H)

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LAS 376: Modern Latin America (SB & G & H) or HST 376: Modern Latin America (SB & G & H)

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LAS 394: Special Topics or POR 394: Special Topics or SPA 394: Special Topics

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LAS 419: 20th Century Chicano/a History (C) or HST 419: 20th Century Chicano/a History (C)

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LAS 449: Latin American Cinema: The Dead and the Disappeared (G & H) or SPA 449: Latin American Cinema: The Dead and the Disappeared (G & H)

---

LAS 471: Treaties and Cultural Production in Spain and the Americas

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LAS 480: Current Trends in Theatre and New Media in Latin America and Spain (HU)

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LAS 481: Dictatorships and Dirty Wars: Latin American Cinema from Resistance to Reconciliation (HU & G) or SPA 481: Dictatorships and Dirty Wars: Latin American Cinema from Resistance to Reconciliation (HU & G)

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LAS 494: Special Topics or POR 494: Special Topics or SPA 494: Special Topics

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POS 453: Latin America (SB & G)

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POS 454: Mexico (SB & G)

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POS 456: Latin American Cities (SB & G)

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POR 460: Brazilian Society Through Music (HU & G)

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SPA 325: Introduction to Hispanic Literature (HU)

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SPA 427: Colonial and Postcolonial Latin American Literature (L or HU)

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SPA 428: Foundational Texts of Latin American Literature Since Modernismo ((L or HU) & G)

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SPA 429: Writing Mexico: Major Texts ((L or HU) & G)

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SPA 456: 20th-Century Spanish American Fiction

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SPA 459: Latin American Jewish Culture

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SPA 470: Law, Societies and Justice in Latino-America (SB & G) or JUS 475: Law, Societies and Justice in Latino-America (SB & G)

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SPA 472: Latin American Society: Five Case Studies (HU & H & G)

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SPA 474: Revolutionary Mexico and Postmodern Revisions ((L or HU) & G)

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**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's



first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>

- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.




## 2023 - 2024 Major Map





### Pharmacology and Toxicology, BS



School/College: [New College of Interdisciplinary Arts and Sciences](#)

Location: [West](#)

ASPTXBS

Term 1 0 - 15 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 BIO 181: General Biology I (SQ)	4	C	<ul style="list-style-type: none"> <li>• MAT 210 or higher-level MA accepted. MAT 251 recommended. Students considering graduate school or research may consider the MAT 270 and MAT 271 calculus sequence as an alternative. This may require more than 120 credit hours to complete the degree.</li> <li>• ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-M satisfies this requirement.</li> <li>• IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101-M.</li> <li>• Select your <a href="#">Career Interest Communities</a> and play <a href="#">me3@ASU</a>.</li> <li>• Activate your <a href="#">Handshake</a> account and build out your profile.</li> </ul>
 MAT 210: Brief Calculus (MA) OR MAT 251: Calculus for Life Sciences (MA)	3	C	
CHM 113: General Chemistry I (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
NEW 101-M: The ASU New College Experience	1		
Term hours subtotal:	15		

Term 2 15 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 BIO 182: General Biology II (SG)	4	C	<ul style="list-style-type: none"> <li>• Create a first draft <a href="#">resume</a>.</li> <li>• Join a <a href="#">student club</a> or professional organization.</li> <li>• Secure a <a href="#">part-time job</a> or <a href="#">volunteer experience</a>.</li> </ul>
 STP 226: Elements of Statistics (CS)	3	C	
CHM 116: General Chemistry II (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Elective	1		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		

Term 3 30 - 45 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ)	4	C	<ul style="list-style-type: none"> <li>• Develop your <a href="#">research skills</a>.</li> <li>• Develop your <a href="#">professional skills</a>.</li> </ul>
BIO 201: Human Anatomy and Physiology I (SG)	4	C	
CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I	4	C	
Social-Behavioral Sciences (SB)	3		

❖ Complete CHM 113, CHM 116 course(s).

❖ Complete First-Year Composition requirement.

Complete Mathematics (MA) requirement.

Term hours subtotal: 15

Term 4 45 - 60 Credit Hours <b>Critical course signified by</b> ❖	Hours	Minimum Grade	Notes
❖ PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ)	4	C	• Explore an <b>internship</b> , an <b>IGLE international experience</b> , or <b>ASU Study Abroad</b> .
BIO 202: Human Anatomy and Physiology II (SG)	4	C	
CHM 234: General Organic Chemistry II AND CHM 238: General Organic Chemistry Laboratory II	4	C	
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	15		

Term 5 60 - 76 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ LSC 347: Fundamentals of Genetics AND LSC 348: Fundamentals of Genetics Laboratory	4	C	• IAS 300 (3 credit hours) is required for all transfer students. • Thinking about graduate school? Consider registering for a grad school <b>test prep course</b> . • Develop your <b>professional online presence</b> .
★ PTX 301: Basics of Pharmacology and Toxicology	3	C	
Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	16		

Term 6 76 - 89 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ BIO 353: Cell Biology AND BIO 354: Cell Biology Laboratory	4	C	• A total of four credit hours of PTX 499 may be applied to the Upper Division Pharmacology/Toxicology Elective requirement. • A total of three credit hours of PTX 484 or PTX 493 may be applied to the Upper Division Pharmacology/Toxicology Elective requirement. • Use Handshake to research <b>employment opportunities</b> . • Complete an in person or virtual <b>practice interview</b> .
Upper Division Pharmacology and Toxicology Elective	3-5	C	
Upper Division Humanities, Arts and Design (HU) AND Global Awareness (G) OR Upper Division Social-Behavioral Sciences (SB) AND Global Awareness (G) ( ASB 353 OR SOC 353 recommended)	3		
Cultural Diversity in the U.S. (C)	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	13-15		

Term 7 89 - 104 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ BCH 371: Modern Concepts in Biochemistry AND BCH 372: Modern Concepts in Biochemistry Laboratory	4	C	• A total of four credit hours of PTX 499 may be applied to the Upper Division Pharmacology/Toxicology Elective requirement. • A total of three credit hours of PTX 484 or PTX 493 may be applied to the Upper Division Pharmacology/Toxicology Elective requirement. • Gather <b>professional references</b> .
★ PTX 432: Fundamentals of Pharmacology	3	C	
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language	3	C	

or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.

Upper Division Pharmacology and Toxicology Elective	4	C
Elective	1	
Term hours subtotal:	15	

Term 8 104 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PTX 450: Pharmacology and Toxicology Laboratory	1	C	<ul style="list-style-type: none"> <li>• General elective credit hours will be adjusted depending on the Pharmacology/Toxicology electives selected. Discuss with your advisor.</li> <li>• Apply for <b>full-time career opportunities</b>.</li> </ul>
PTX 475: Principles of Toxicology	3	C	
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Humanities, Arts and Design (HU)	3		
Upper Division Elective	4-2		
Elective	2		
Term hours subtotal:	16-14		

Hide Course List(s)/Track Group(s)

Upper Division Pharmacology and Toxicology Elective
BIO 439: Computing for Research
CHM 302: Environmental Chemistry
CHM 435: Medicinal Chemistry
FOR 401: Forensic Toxicology
LSC 425: Analytical Chemistry for Life Sciences AND LSC 426: Analytical Chemistry for Life Sciences Lab
LSC 430: Environmental and Human Toxicology
MIC 443: The Microbial Universe AND MIC 444: The Microbial Universe Laboratory
PSY 470: Psychopharmacology
PTX 388: STEM Research Fundamentals
PTX 484: Internship or PTX 493: Honors Thesis (L)
PTX 494: Mechanisms of Pathophysiology and Disease States
PTX 499: Individualized Instruction

**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.










## 2023 - 2024 Major Map



### Philosophy, Religion and Society, BA



School/College: [New College of Interdisciplinary Arts and Sciences](#)




Location: [West](#)



ASRELBA

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 PHI 101: Introduction to Philosophy (HU)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101-H satisfies this requirement.</li> <li>IAS 300 (3 credits) is required for all transfer students in place of NEW 101-H.</li> <li>Select <a href="#">Career Interest Communities</a> and play <a href="#">me3@ASU</a>.</li> <li>Activate your <a href="#">Handshake</a> account and build out your profile.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
NEW 101-H: The ASU New College Experience	1		
Mathematics (MA) ( MAT 142 recommended)	3	C	
Social-Behavioral Sciences (SB)	3		
Elective	3		
Term hours subtotal:	16		
Term 2 16 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 REL 100: Religions of the World (HU & G)	3	C	<ul style="list-style-type: none"> <li>Create a first draft <a href="#">resume</a>.</li> <li>Join a <a href="#">student club</a> or professional organization.</li> <li>Secure a <a href="#">part-time job</a> or <a href="#">volunteer experience</a>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Natural Science - Quantitative (SQ)	4		
Complete 2 courses:			
Elective	6		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		
Term 3 32 - 47 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 PHI 103: Principles of Sound Reasoning (L or HU) OR PHI 105: Intro to Ethics (HU)	3	C	<ul style="list-style-type: none"> <li>Develop your <a href="#">research skills</a>.</li> <li>Develop your <a href="#">professional skills</a>.</li> </ul>
Computer/Statistics/Quantitative Applications (CS)	3		
Cultural Diversity in the U.S. (C)	3		
Historical Awareness (H)	3		
Elective	3		
 Complete First-Year Composition requirement.			
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	15		

Term 4 47 - 63 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 <b>Related Area Course</b>	3	C	<ul style="list-style-type: none"> <li>• Related Area Electives: Complete two courses (6 credits) from any of the following subjects: AMS, DST, ENG, ETH, HRC, HST, IAP, IAS, JHR, LAS, PAX, PHI, REL, SPA, or WST, and offered by the School of Humanities, Arts and Cultural Studies.</li> <li>• Explore an <b>internship</b>, an <b>IGLE international experience</b>, or <b>ASU Study Abroad</b>.</li> </ul>
Literacy and Critical Inquiry (L)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB)	3		
Elective	3		
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 PHI 306: Applied Ethics (HU) OR IAS 406: Moral Dilemmas (L or HU) OR PHI 406: Moral Dilemmas (L or HU)	3	C	<ul style="list-style-type: none"> <li>• IAS 300 (3 credit hours) is required for all transfer students.</li> <li>• Thinking about graduate school? Consider registering for a grad school <b>test prep course</b>.</li> <li>• Develop your <b>professional online presence</b>.</li> </ul>
Upper Division Applied Ethics Track Course	3	C	
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Upper Division World Religions Track Course	3	C	
Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 PHI 304: Existentialism (HU) OR PHI 412: Philosophy and Literary Criticism (HU)	3	C	<ul style="list-style-type: none"> <li>• Use Handshake to research <b>employment opportunities</b>.</li> <li>• Complete an in person or virtual <b>practice interview</b>.</li> </ul>
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Upper Division World Religions Track Course	3	C	
Complete 2 courses: Elective	6		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 PHI 303: The Future of Religions (L or HU) OR REL 300: The Future of Religions (L or HU) OR PHI 318: Philosophy of Religion (HU)	3	C	<ul style="list-style-type: none"> <li>• Gather <b>professional references</b>.</li> </ul>
Upper Division Applied Ethics Track Course	3	C	
Upper Division Race, Decoloniality, & Continental Philosophy Track Course	3	C	

Related Area Course	3	C
Elective	3	
Term hours subtotal:		15

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Culminating Experience	3	C	<ul style="list-style-type: none"> <li>• Related Area Electives: Complete two courses (6 credits) from any of the following subjects: AMS, DST, ENG, ETH, HRC, HST, IAP, IAS, JHR, LAS, PAX, PHI, REL, SPA, or WST, and offered by the School of Humanities, Arts and Cultural Studies.</li> <li>• Apply for full-time career opportunities.</li> </ul>
Upper Division Race, Decoloniality, & Continental Philosophy Track Course	3	C	
Complete 2 courses:	6		
Upper Division Elective			
Term hours subtotal:	12		

Upper Division Tracks: Choose two courses (6 credit hours) from each of the three tracks, Applied Ethics; Race, Decoloniality, & Continental Philosophy; and World Religions. Courses taken elsewhere for the major cannot be used to also fulfill the track requirements.

Related Area Electives: Complete two courses (6 credits) from any of the following subject areas: AMS, DST, ENG, ETH, HRC, HST, IAP, IAS, JHR, LAS, PAX, PHI, REL, SPA, or WST, and offered by the School of Humanities, Arts and Cultural Studies (SHArCS). To determine if a course is offered by SHArCS: Locate the class in Class Search, expand the course information and click on Full Class Details.

Hide Course List(s)/Track Group(s)

Applied Ethics Track	Race, Decoloniality, & Continental Philosophy Track	World Religions Track
IAS 340: Bioethics (HU) or PHI 320: Bioethics (HU)	AIS 320: American Indian Philosophies and World Views (HU & C)	IAS 410: Evolution of Ideas (L or HU)
IAS 406: Moral Dilemmas (L or HU) or PHI 406: Moral Dilemmas (L or HU)	ENG 401: Topics in Critical Theory	IAS 430: Science and Religion (L or HU)
IAS 407: Environmental Philosophy and Policy (L or HU) or PHI 407: Environmental Philosophy and Policy (L or HU)	HST 390: Jewish Philosophy or PHI 390: Jewish Philosophy or REL 314: Jewish Philosophy	PHI 303: The Future of Religions (L or HU) or REL 300: The Future of Religions (L or HU)
IAS 409: Eco-Community Ethics (HU) or PHI 409: Eco-Community Ethics (HU)	IAS 450: Philosophical and Spiritual Issues in Death and Dying or PHI 450: Philosophical and Spiritual Issues in Death and Dying or REL 450: Philosophical and Spiritual Issues in Death and Dying	PHI 318: Philosophy of Religion (HU)
PHI 306: Applied Ethics (HU)	PHI 304: Existentialism (HU)	PHI 421: Philosophical Topics
PHI 336: Social and Political Philosophy (HU)	PHI 339: Philosophy of Art (HU)	REL 310: Western Religious Traditions (HU & H)
PHI 360: Business and Professional Ethics (HU)	PHI 411: Continental Philosophy (HU)	REL 321: Religion in America ((L or HU) & C & H)
PHI 408: Feminist Ethics (HU)	PHI 412: Philosophy and Literary Criticism (HU)	REL 345: Asian Religious Traditions (HU & G)
PHI 415: Philosophy and Film (HU)	PHI 421: Philosophical Topics	REL 390: Women, Gender and Religion (HU & G) or WST 390: Women, Gender and Religion (HU & G)
PHI 417: Philosophy of Censorship (L or HU)	REL 345: Asian Religious Traditions (HU & G)	
PHI 421: Philosophical Topics	REL 391: Historical Perspectives on Philosophy and Religion	
PHI 439: Philosophy of Love and Sex (HU)		



Related Area Course	Culminating Experience
AMS Elective	HON 493: Honors Thesis (L) or IAS 493: Honors Thesis (L) or PHI 493: Honors Thesis (L)
DST Elective	
ENG Elective	IAS 480: Capstone: Practices and Approaches
ETH Elective	IAS 484: IAS Internship
HRC Elective	
HST Elective	
IAP Elective	
IAS Elective	
JHR Elective	
LAS Elective	
PAX Elective	
PHI Elective	
REL Elective	
SPA Elective	
WST Elective	

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
  - Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.







## 2023 - 2024 Major Map

### Political Science, BA

School/College: [New College of Interdisciplinary Arts and Sciences](#)

Location: [West, ASU at Lake Havasu](#)

ASPOLBA

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
<p>POS 110: American Government and Politics (SB) OR POS 150:  Comparative Government (SB &amp; G) OR POS 160: Global Politics (SB &amp; G) OR POS 210: Political Ideologies (SB)</p>	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101-S satisfies this requirement.</li> <li>IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101-S.</li> <li>Students must complete 9 credit hours of Political Science Introductory Core coursework from POS 110/310, POS 150, POS 160/360, or POS 210.</li> <li>Credit is only granted for POS 110 or POS 310.</li> <li>Credit is only granted for POS 160 or POS 360.</li> <li>Select your <a href="#">Career Interest Communities</a> and play <a href="#">me3@ASU</a>.</li> <li>Activate your <a href="#">Handshake</a> account and build out your profile.</li> </ul>
<p>ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition</p>	3	C	
<p>NEW 101-S: The ASU New College Experience</p>	1		
<p>Cultural Diversity in the U.S. (C)</p>	3		
<p>Mathematics (MA) ( MAT 142 recommended)</p>	3	C	
<p>Elective</p>	3		
<p>Term hours subtotal:</p>	16		
Term 2 16 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
<p>POS 110: American Government and Politics (SB) OR POS 150:  Comparative Government (SB &amp; G) OR POS 160: Global Politics (SB &amp; G) OR POS 210: Political Ideologies (SB)</p>	3	C	<ul style="list-style-type: none"> <li>Student must complete 9 credit hours of Political Science Introductory Core coursework from POS 110/310, POS 150, POS 160/360, or POS 210.</li> <li>Credit is only granted for POS 110 or POS 310.</li> <li>Credit is only granted for POS 160 or POS 360.</li> <li>Create a first draft <a href="#">resume</a>.</li> <li>Join a <a href="#">student club</a> or professional organization.</li> <li>Secure a <a href="#">part-time job</a> or <a href="#">volunteer experience</a>.</li> </ul>
<p>ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition</p>	3	C	
<p>Historical Awareness (H)</p>	3		
<p>Natural Science - Quantitative (SQ)</p>	4		
<p>Elective</p>	3		
<p> Complete ENG 101 OR ENG 105 OR ENG 107 course(s).</p>			
<p>Term hours subtotal:</p>	16		
Term 3 32 - 47 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes

❖ POS 110: American Government and Politics (SB) OR POS 150: Comparative Government (SB & G) OR POS 160: Global Politics (SB & G) OR POS 210: Political Ideologies (SB)	3	C
Humanities, Arts and Design (HU)	3	
Literacy and Critical Inquiry (L)	3	
Complete 2 courses: Elective	6	
❖ Complete First-Year Composition requirement.		
❖ Complete Mathematics (MA) requirement.		
Term hours subtotal:		15

- Students must complete 9 credit hours of Political Science Introductory Core coursework from POS 110/310, POS 150, POS 160/360, or POS 210.
- Credit is only granted for POS 110 or POS 310.
- Credit is only granted for POS 160 or POS 360.
- Develop your **research skills**.
- Develop your **professional skills**.

Term 4 47 - 63 Credit Hours Critical course signified by ❖	Hours	Minimum Grade	Notes
❖ Social Justice and Inequality Interdisciplinary Track Course	3	C	• Explore an internship, IGLE international experience, or ASU Study Abroad.
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Complete 3 courses: Elective	9		
Term hours subtotal:		16	

Term 5 63 - 78 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ SBS 302: Qualitative Methods OR SBS 304: Social Statistics I (CS)	3	C	• IAS 300 (3 credit hours) is required for all transfer students. • Thinking about graduate school? Consider registering for a grad school test prep course. • Develop your <b>professional online presence</b> .
★ Upper Division Law, Citizenship, Borders Interdisciplinary Track Course	3	C	
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3		
Upper Division Elective	3		
Term hours subtotal:		15	

Term 6 78 - 93 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ SBS 302: Qualitative Methods OR SBS 304: Social Statistics I (CS)	3	C	• Use Handshake to research <b>employment opportunities</b> . • Complete an in person or virtual <b>practice interview</b> .
★ Identity and Place Interdisciplinary Track Course	3	C	
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Upper Division Social Justice and Inequality Interdisciplinary Track Course	3	C	
Humanities, Arts and Design (HU)	3		
Term hours subtotal:		15	

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 15

Term 7 93 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Identity and Place Interdisciplinary Track Course	3	C	• Gather professional references.
★ Law, Citizenship, Borders Interdisciplinary Track Course	3	C	
Complete 2 courses:			
Upper Division Elective	6		
Elective	3		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ POS 484: Internship OR POS 498: Pro-Seminar (L) or SBS 498: Pro-Seminar (L)	3	C	• Apply for full-time career opportunities.
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Complete 2 courses:			
Upper Division Elective	6		
Term hours subtotal:	12		

**Interdisciplinary Tracks:**

Select two classes (6 credit hours) from each of three interdisciplinary tracks (Social Justice and Inequality; Law, Citizenship, Borders; Identity and Place) for a total of 18 credit hours. Twelve credit hours must be upper-division. A minimum of six credit hours must come from the POS prefix. No single course can be used to fulfill multiple track requirements.

**Hide Course List(s)/Track Group(s)**

Law, Citizenship, Borders	Social Justice and Inequality	Identity and Place
ASB 340: Migration and Culture (SB & G) or SOC 328: Migration and Culture (SB & G)	ASB 339: Grassroots Social Movements (SB) or POS 339: Grassroots Social Movements (SB) or SBS 339: Grassroots Social Movements (SB) or SOC 339: Grassroots Social Movements (SB)	ASB 211: Women in Other Cultures ((HU or SB) & G)
ASB 447: Citizenship, Nationalism and Identity (SB & C & G) or POS 447: Citizenship, Nationalism and Identity (SB & C & G) or SBS 447: Citizenship, Nationalism and Identity (SB & C & G)	ETH 380: Race, Gender, and Class (SB & C) or WST 380: Race, Gender, and Class (SB & C)	ETH 430: Gender on the Borderlands (SB & G) or LAS 430: Gender on the Borderlands (SB & G) or WST 430: Gender on the Borderlands (SB & G)
POS 110: American Government and Politics (SB) or POS 310: American National Government (SB)	HST 441: Latin America and the World Economy (L & G & H) or LAS 441: Latin America and the World Economy (L & G & H)	ETH 433: Race and Sexualities in Social Justice Movements or WST 433: Race and Sexualities in Social Justice Movements
POS 160: Global Politics (SB & G) or POS 360: World Politics (SB & G)	JHR 100: Introduction to Social Justice and Human Rights (SB & G)	ETH 473: Indigenous and Latina/Chicana Representation (SB & C) or LAS 473: Indigenous and Latina/Chicana Representation (SB & C) or WST 473: Indigenous and Latina/Chicana Representation (SB & C)
POS 210: Political Ideologies (SB)	JHR 305: Theory and Practice of Social Justice and Human Rights (SB & G)	HST 376: Modern Latin America (SB & G & H) or LAS 376: Modern Latin America (SB & G & H)
POS 361: American Foreign Policy (SB & G)	POS 342: Political Theory (HU or SB)	POS 150: Comparative Government (SB & G)
POS 446: Democracy (HU)	POS 446: Democracy (HU)	
POS 465: International Organization and Law (SB & G)		

POS 480: Global Justice (G) or SBS 480:  
Global Justice (G)

POS 480: Global Justice (G) or SBS 480:  
Global Justice (G)

POS 247: Introduction to Latin American  
Politics (SB & G)

POS 494: Everyday Forms of Political  
Resistance

POS 350: Comparative Politics (SB & G)

SBS 301: Cultural Diversity ((L or SB) & C)

POS 357: South Asia Politics (SB & G)

SOC 270: Sociology of Race and Ethnicity  
(SB & C)

POS 361: American Foreign Policy (SB & G)

SOC 331: Environmental Sociology (SB & G)

POS 437: Women, Power, and Politics (G) or  
SOC 437: Women, Power, and Politics (G)

SOC 352: Social Change (SB & G & H)

SOC 264: Sociology of Gender (SB & C)

SOC 426: Social Inequalities (SB)

SOC 270: Sociology of Race and Ethnicity  
(SB & C)

WST 428: Gender, Madness and Justice (SB)

#### Notes:

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

#### General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.







## 2023 - 2024 Major Map

### Political Science, BS

School/College: [New College of Interdisciplinary Arts and Sciences](#)

Location: [West](#)

ASPOLBS

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
<p>POS 110: American Government and Politics (SB) OR POS 150:  Comparative Government (SB &amp; G) OR POS 160: Global Politics (SB &amp; G) OR POS 210: Political Ideologies (SB)</p>	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101-S satisfies this requirement.</li> <li>IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101-S.</li> <li>Students must complete 9 credit hours of Political Science Introductory Core coursework from POS 110/310, POS 150, POS 160/360, or POS 210.</li> <li>Credit is only granted for POS 110 or POS 310.</li> <li>Credit is only granted for POS 160 or POS 360.</li> <li>Select your <a href="#">Career Interest Communities</a> and play <a href="#">me3@ASU</a>.</li> <li>Activate your <a href="#">Handshake</a> account and build out your profile.</li> </ul>
<p>ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition</p>	3	C	
<p>NEW 101-S: The ASU New College Experience</p>	1		
<p>Cultural Diversity in the U.S. (C)</p>	3		
<p>Mathematics (MA) ( MAT 142 recommended)</p>	3	C	
<p>Elective</p>	3		
<p>Term hours subtotal:</p>	16		
Term 2 16 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
<p>POS 110: American Government and Politics (SB) OR POS 150:  Comparative Government (SB &amp; G) OR POS 160: Global Politics (SB &amp; G) OR POS 210: Political Ideologies (SB)</p>	3	C	<ul style="list-style-type: none"> <li>Students must complete 9 credit hours of Political Science Introductory Core coursework from POS 110/310, POS 150, POS 160/360, or POS 210.</li> <li>Credit is only granted for POS 110 or POS 310.</li> <li>Credit is only granted for POS 160 or POS 360.</li> <li>Create a first draft <a href="#">resume</a>.</li> <li>Join a <a href="#">student club</a> or professional organization.</li> <li>Secure a <a href="#">part-time job</a> or <a href="#">volunteer experience</a>.</li> </ul>
<p>ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition</p>	3	C	
<p>Historical Awareness (H)</p>	3		
<p>Natural Science - Quantitative (SQ)</p>	4		
<p>Elective</p>	3		
<p> Complete ENG 101 OR ENG 105 OR ENG 107 course(s).</p>			
<p>Term hours subtotal:</p>	16		
Term 3 32 - 47 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes

❖ POS 110: American Government and Politics (SB) OR POS 150: Comparative Government (SB & G) OR POS 160: Global Politics (SB & G) OR POS 210: Political Ideologies (SB)	3	C
Humanities, Arts and Design (HU)	3	
Literacy and Critical Inquiry (L)	3	
Complete 2 courses: Elective	6	
❖ Complete First-Year Composition requirement.		
❖ Complete Mathematics (MA) requirement.		
Term hours subtotal:		15

- Students must complete 9 credit hours of Political Science Introductory Core coursework from POS 110/310, POS 150, POS 160/360, or POS 210.
- Credit is only granted for POS 110 or POS 310.
- Credit is only granted for POS 160 or POS 360.
- Develop your **research skills**.
- Develop your **professional skills**.

Term 4 47 - 63 Credit Hours Critical course signified by ❖	Hours	Minimum Grade	Notes
❖ Social Justice and Inequality Interdisciplinary Track Course	3	C	
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Complete 3 courses: Elective	9		
Term hours subtotal:		16	

- Explore an internship, IGLE international experience, or ASU Study Abroad.

Term 5 63 - 78 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ SBS 303: Quantitative Methods OR SBS 304: Social Statistics I (CS)	3	C	
★ Upper Division Law, Citizenship, Borders Interdisciplinary Track Course	3	C	
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3		
Upper Division Elective	3		
Term hours subtotal:		15	

- IAS 300 (3 credit hours) is required for all transfer students.
- Thinking about graduate school? Consider registering for a grad school test prep course.
- Develop your **professional online presence**.

Term 6 78 - 93 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ SBS 303: Quantitative Methods OR SBS 304: Social Statistics I (CS)	3	C	
★ Upper Division Social Justice and Inequality Interdisciplinary Track Course	3	C	
★ Identity and Place Interdisciplinary Track Course	3	C	
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Humanities, Arts and Design (HU)	3		

- Use Handshake to research **employment opportunities**.
- Complete an in person or virtual **practice interview**.



★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 15

Term 7 93 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Identity and Place Interdisciplinary Track Course	3	C	• Gather professional references.
★ Law, Citizenship, Borders Interdisciplinary Track Course	3	C	
Complete 2 courses:			
Upper Division Elective	6		
Elective	3		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ POS 484: Internship OR POS 498: Pro-Seminar (L) or SBS 498: Pro-Seminar (L)	3	C	• Apply for full-time career opportunities.
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Complete 2 courses:			
Upper Division Elective	6		
Term hours subtotal:	12		

**Interdisciplinary Tracks:**

Select two classes (6 credit hours) from each of three interdisciplinary tracks (Social Justice and Inequality; Law, Citizenship, Borders; Identity and Place) for a total of 18 credit hours. Twelve credit hours must be upper-division. A minimum of six credit hours must come from the POS prefix. No single course can be used to fulfill multiple track requirements.

**Hide Course List(s)/Track Group(s)**

Law, Citizenship, Borders	Social Justice and Inequality	Identity and Place
ASB 340: Migration and Culture (SB & G) or SOC 328: Migration and Culture (SB & G)	ASB 339: Grassroots Social Movements (SB) or POS 339: Grassroots Social Movements (SB) or SBS 339: Grassroots Social Movements (SB) or SOC 339: Grassroots Social Movements (SB)	ASB 211: Women in Other Cultures ((HU or SB) & G)
ASB 447: Citizenship, Nationalism and Identity (SB & C & G) or POS 447: Citizenship, Nationalism and Identity (SB & C & G) or SBS 447: Citizenship, Nationalism and Identity (SB & C & G)	ETH 380: Race, Gender, and Class (SB & C) or WST 380: Race, Gender, and Class (SB & C)	ETH 430: Gender on the Borderlands (SB & G) or LAS 430: Gender on the Borderlands (SB & G) or WST 430: Gender on the Borderlands (SB & G)
POS 110: American Government and Politics (SB) or POS 310: American National Government (SB)	HST 441: Latin America and the World Economy (L & G & H) or LAS 441: Latin America and the World Economy (L & G & H)	ETH 433: Race and Sexualities in Social Justice Movements or WST 433: Race and Sexualities in Social Justice Movements
POS 160: Global Politics (SB & G) or POS 360: World Politics (SB & G)	JHR 100: Introduction to Social Justice and Human Rights (SB & G)	ETH 473: Indigenous and Latina/Chicana Representation (SB & C) or LAS 473: Indigenous and Latina/Chicana Representation (SB & C) or WST 473: Indigenous and Latina/Chicana Representation (SB & C)
POS 210: Political Ideologies (SB)	JHR 305: Theory and Practice of Social Justice and Human Rights (SB & G)	HST 376: Modern Latin America (SB & G & H) or LAS 376: Modern Latin America (SB & G & H)
POS 361: American Foreign Policy (SB & G)	POS 342: Political Theory (HU or SB)	POS 150: Comparative Government (SB & G)
POS 446: Democracy (HU)	POS 446: Democracy (HU)	
POS 465: International Organization and Law (SB & G)		

POS 480: Global Justice (G) or SBS 480:  
Global Justice (G)

POS 480: Global Justice (G) or SBS 480:  
Global Justice (G)

POS 247: Introduction to Latin American  
Politics (SB & G)

POS 494: Everyday Forms of Political  
Resistance

POS 350: Comparative Politics (SB & G)

SBS 301: Cultural Diversity ((L or SB) & C)

POS 357: South Asia Politics (SB & G)

SOC 270: Sociology of Race and Ethnicity  
(SB & C)

POS 361: American Foreign Policy (SB & G)

SOC 331: Environmental Sociology (SB & G)

POS 437: Women, Power, and Politics (G) or  
SOC 437: Women, Power, and Politics (G)

SOC 352: Social Change (SB & G & H)

SOC 264: Sociology of Gender (SB & C)

SOC 426: Social Inequalities (SB)

SOC 270: Sociology of Race and Ethnicity  
(SB & C)

WST 428: Gender, Madness and Justice (SB)

#### Notes:

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

#### General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

## 2023 - 2024 Major Map



### Psychology, BA




School/College: [New College of Interdisciplinary Arts and Sciences](#)



Location: [West, ASU at Lake Havasu](#)

ASPGSBA

Available accelerated bachelor's/master's degree program options may vary by modality (online vs. on-campus). Students should contact their academic advisor for more information.

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 PSY 101: Introduction to Psychology (SB)	3	C	<ul style="list-style-type: none"> <li>Students may elect to take an MA course in place of elective in Term 1 if needed to prepare for MAT 119 or MAT 170 in Term 2.</li> <li>ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-S satisfies this requirement.</li> <li>IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101-S.</li> <li>Select your <a href="#">Career Interest Communities</a> and play <a href="#">me3@ASU</a>.</li> <li>Activate your <a href="#">Handshake</a> account and build out your profile.</li> </ul>
ACO 100: All About Data: Design, Query, and Visualization (CS) OR CIS 105: Computer Applications and Information Technology (CS) OR CSE 180: Computer Literacy (CS) OR EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
NEW 101-S: The ASU New College Experience	1		
Cultural Diversity in the U.S. (C)	3		
Elective	3		
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 119: Finite Mathematics (MA) OR MAT 170: Precalculus (MA)	3	C	<ul style="list-style-type: none"> <li>Additional subjects may be used to fulfill the Related Coursework requirement with academic advisor approval.</li> <li>Create a first draft <a href="#">resume</a>.</li> <li>Join a <a href="#">student club</a> or professional organization.</li> <li>Secure a <a href="#">part-time job</a> or <a href="#">volunteer experience</a>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Related Coursework Elective	3	C	
Natural Science - Quantitative (SQ)	4	C	
Elective	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 32 - 47 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 PSY 230: Introduction to Statistics (CS)	3	C	<ul style="list-style-type: none"> <li>Develop your <a href="#">research skills</a>.</li> </ul>

Historical Awareness (H)	3
Literacy and Critical Inquiry (L)	3
Complete 2 courses:	
Elective	6
❖ Complete First-Year Composition requirement.	
Complete Mathematics (MA) requirement.	
Term hours subtotal:	15

- Develop your **professional skills**.

Term 4 47 - 63 Credit Hours <b>Critical course signified by</b> ❖	Hours	Minimum Grade	Notes
❖ PSY 290: Research Methods (L or SG)	4	C	<ul style="list-style-type: none"> <li>• PSY 290 may be used to fulfill the General Studies Natural Science (SG) requirement.</li> <li>• Explore an <b>internship</b>, an <b>IGLE international experience</b> or <b>ASU Study Abroad</b>.</li> </ul>
Global Awareness (G)	3		
Humanities, Arts and Design (HU)	3		
Complete 2 courses:			
Elective	6		
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Upper Division Cognitive Science Focus Area Course	3	C	<ul style="list-style-type: none"> <li>• IAS 300 (3 credit hours) is required for all transfer students.</li> <li>• Additional subjects may be used to fulfill the Related Coursework requirement with academic advisor approval.</li> <li>• Upper division (C) and (G) courses used to fulfill the New College Proficiency - Languages and Cultures requirement may not also be used to fulfill the General Studies Awareness Areas (C) and (G) requirements.</li> <li>• Thinking about graduate school? Consider registering for a grad school <b>test prep course</b>.</li> <li>• Develop your <b>professional online presence</b>.</li> </ul>
PSY 315: Personality Theory and Research (SB) OR PSY 341: Developmental Psychology (SB) OR PSY 350: Social Psychology (SB) OR PSY 366: Psychological Disorders (SB) OR PSY 443: Child and Adolescent Psychological Disorders (L or SB)	3	C	
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Related Coursework Elective	3	C	
Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Upper Division Cognitive Science Focus Area Course	3	C	<ul style="list-style-type: none"> <li>• Psychology Elective must be taken from the course lists below.</li> <li>• Additional subjects may be used to fulfill the Related Coursework requirement with academic advisor approval.</li> <li>• Upper division (C) and (G) courses used to fulfill the New College Proficiency - Languages and Cultures requirement may not also be used to fulfill the General Studies Awareness Areas (C) and (G) requirements.</li> <li>• Use Handshake to research <b>employment opportunities</b>.</li> </ul>
PSY 315: Personality Theory and Research (SB) OR PSY 341: Developmental Psychology (SB) OR PSY 350: Social Psychology (SB) OR PSY 366: Psychological Disorders (SB) OR PSY 443: Child and Adolescent Psychological Disorders (L or SB)	3	C	
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Psychology Elective	3	C	
Term hours subtotal:	15		

Related Coursework Elective

3

C



Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

- Complete an in person or virtual practice interview.

Term hours subtotal: 15

Term 7 93 - 108 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Psychology Elective	6	C	<ul style="list-style-type: none"><li>• Upper Division Psychology Electives must be taken from the course lists below.</li><li>• PSY 304 Effective Thinking (L) can be used to meet the Upper Division General Studies Literacy and Critical Inquiry (L) requirement as well as the Upper Division Psychology Elective requirement.</li><li>• Gather professional references.</li></ul>
Humanities, Arts and Design (HU)	3		
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Psychology Elective	6	C	<ul style="list-style-type: none"><li>• Upper Division Psychology Electives must be taken from the course lists below.</li><li>• Apply for full-time career opportunities.</li></ul>
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	12		

- Courses used to fulfill the Upper Division Psychology Elective requirement may not be used to fulfill multiple psychology major requirements. No more than three credit hours of PSY 384, 399, 484, 493, 499 may count toward the Upper Division Psychology Elective requirement.

Hide Course List(s)/Track Group(s)

Upper Division Cognitive Science Focus Area	Psychology Electives	Related Coursework Electives
PSY 320: Learning and Motivation	PSY 2** Elective	ASB Elective
PSY 323: Sensation and Perception	PSY 211: The Criminal Mind (SB)	ASM Elective
PSY 324: Memory and Cognition	PSY 3** Elective	COM Elective
PSY 325: Physiological Psychology	PSY 304: Effective Thinking (L)	JHR Elective
PSY 360: Cognitive Science	PSY 306: Environmental Psychology (SB)	POS Elective
PSY 369: Biology of Human Sexuality	PSY 315: Personality Theory and Research (SB)	PSY Elective
PSY 434: Cognitive Psychology (L)	PSY 320: Learning and Motivation	SBS Elective
PSY 470: Psychopharmacology	PSY 323: Sensation and Perception	SOC Elective
	PSY 324: Memory and Cognition	
	PSY 325: Physiological Psychology	
	PSY 335: Positive Psychology	
	PSY 338: Emotional Intelligence	

PSY 340: Psychology of Academic Motivation and Growth

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PSY 341: Developmental Psychology (SB)

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PSY 344: Directed Child Study (SB)

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PSY 350: Social Psychology (SB)

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PSY 360: Cognitive Science

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PSY 366: Psychological Disorders (SB)

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PSY 368: Forensic Psychology

---

PSY 369: Biology of Human Sexuality

---

PSY 370: Interpersonal Relationships (SB)

---

PSY 384: Psychology Undergraduate Teaching Assistant

---

PSY 385: Psychology of Gender (SB)

---

PSY 394: Childhood Trauma and Resilience

---

PSY 394: Psychology of Love and Intimacy

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PSY 394: Social Psychology of Cults

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PSY 394: Special Topics

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PSY 399: Supervised Research

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PSY 4\*\* Elective

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PSY 425: Biological Bases of Behavior (L)

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PSY 434: Cognitive Psychology (L)

---

PSY 443: Child and Adolescent Psychological Disorders (L or SB)

---

PSY 444: Adolescent Psychology and Psychopathology

---

PSY 446: Social Development (L or SB)

---

PSY 447: Psychology of Aging (SB)

---

PSY 453: Organizational Behavior (SB)

---

PSY 462: Health Psychology

---

PSY 465: Psychology of Stress and Coping

---

PSY 467: Psychology of Criminal Investigation

---

PSY 468: Psychology and Law

---

PSY 470: Psychopharmacology

---

PSY 472: Clinical Psychology

---

PSY 474: Correctional Psychology

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PSY 475: Multicultural Issues in Clinical Psychology

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PSY 484: Internship

PSY 493: Honors Thesis (L)

PSY 494: Behavioral Data Science I

PSY 494: Optimal Psych: Multicultural  
Worldviews-Liberation

PSY 494: Special Topics

PSY 499: Individualized Instruction

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

## 2023 - 2024 Major Map

### Psychology, BA

School/College: [New College of Interdisciplinary Arts and Sciences](#)



Location: [Online ASU Local](#)

ASPGSBA



Available accelerated bachelor's/master's degree program options may vary by modality (online vs. on-campus). Students should contact their academic advisor for more information.

#### **FT** Fast Track Options: 3 Year

A student must speak with an advisor in order to be added to a fast track plan.

Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 PSY 101: Introduction to Psychology (SB)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101 meets this requirement.</li> <li>SBS 300 (3 credits) is required for all transfer students in place of NEW 101.</li> <li>Select your <b>Career Interest Communities</b> and play <a href="#">me3@ASU</a>.</li> <li>Activate your <b>Handshake</b> account and build out your profile.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
NEW 101: The ASU New College Experience	1		
Term hours subtotal:	7		

Term 1 - B 7 - 13 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR			<ul style="list-style-type: none"> <li>Students may elect to take an MA course in Term 1-B if needed to prepare for MAT 119 or MAT 170 in Term 2-A.</li> </ul>
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> </ul>
ACO 100: All About Data: Design, Query, and Visualization (CS) OR			
CIS 105: Computer Applications and Information Technology (CS) OR CSE 180: Computer Literacy (CS) OR EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	3	C	
Term hours subtotal:	6		

Term 2 - A 13 - 19 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 119: Finite Mathematics (MA) OR MAT 170: Precalculus (MA)	3	C	
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	6		

Term 2 - B 19 - 25 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
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Related Coursework Elective	3	C
Historical Awareness (H)	3	
❖ Complete ENG 101 OR ENG 105 OR ENG 107 course(s).		
Term hours subtotal:	6	

- Additional subjects may be used to fulfill the Related Coursework requirement with academic advisor approval.
- Create a first draft **resume**.

Term 3 - A 25 - 32 Credit Hours	Hours	Minimum Grade	Notes
Humanities, Arts and Design (HU)	3		
Natural Science - Quantitative (SQ)	4	C	
Term hours subtotal:	7		

- Build your **professional skills**.

Term 3 - B 32 - 38 Credit Hours <b>Critical course signified by</b> ❖	Hours	Minimum Grade	Notes
❖ PSY 230: Introduction to Statistics (CS)	3	C	
Humanities, Arts and Design (HU)	3		
❖ Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	6		

- PSY 230 may not be used to fulfill the Interdisciplinary Computer Science requirement in the major. ACO 100, CIS 105, CSE 180 or EDT 180 are required.

Term 4 - A 38 - 45 Credit Hours <b>Critical course signified by</b> ❖	Hours	Minimum Grade	Notes
❖ PSY 290: Research Methods (L or SG)	4	C	
Global Awareness (G)	3		
Term hours subtotal:	7		

- PSY 290 may be used to fulfill the General Studies Natural Science (SG) requirement.
- Explore an **IGLE international experience** or **ASU Study Abroad**.

Term 4 - B 45 - 51 Credit Hours	Hours	Minimum Grade	Notes
Cultural Diversity in the U.S. (C)	3		
Elective	3		
Term hours subtotal:	6		

Term 5 - A 51 - 57 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
PSY 315: Personality Theory and Research (SB) OR PSY 341: Developmental Psychology (SB) OR PSY 350: Social Psychology (SB) OR PSY 366: Psychological Disorders (SB) OR PSY 443: Child and Adolescent Psychological Disorders (L or SB)	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		

Term 5 - B 57 - 63 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Elective OR SBS 300: Careers in Psychology	3		
Elective	3		
Term hours subtotal:	6		

- SBS 300 (3 credit hours) is required for all transfer students in place of NEW 101.

Term 6 - A 63 - 69 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Cognitive Science Focus Area Course	3	C	
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have			

- Upper division (C) and (G) courses used to fulfill the New College Proficiency - Languages and Cultures requirement may not also be used to fulfill the

a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.

Term hours subtotal: 6

Term 6 - B 69 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ Psychology Elective

3 C

Upper Division Language and Cultures: Requirement satisfied through the following:

\* Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.

3 C

- Choose Psychology Elective from the course list below.
- Upper division (C) and (G) courses used to fulfill the New College Proficiency - Languages and Cultures requirement may not also be used to fulfill the General Studies Awareness Areas (C) and (G) requirements.

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 6

Term 7 - A 75 - 81 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ Upper Division Psychology Elective

3 C

Related Coursework Elective

3 C

Term hours subtotal: 6

- Choose Upper Division Psychology Elective from the course list below.
- Additional subjects may be used to fulfill the Related Coursework requirement with academic advisor approval.
- Thinking about graduate school? Consider registering for a graduate school **test prep course**.

Term 7 - B 81 - 87 Credit Hours	Hours	Minimum Grade	Notes
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Related Coursework Elective

3 C

Elective

3

Term hours subtotal: 6

- Additional subjects may be used to fulfill the Related Coursework requirement with academic advisor approval.
- Create your **professional online presence**.

Term 8 - A 87 - 93 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ Upper Division Cognitive Science Focus Area Course

3 C

Upper Division Elective

3

Term hours subtotal: 6

- Use Handshake to research **employment opportunities**.

Term 8 - B 93 - 99 Credit Hours	Hours	Minimum Grade	Notes
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Upper Division Literacy and Critical Inquiry (L)

3

Elective

3

Term hours subtotal: 6

- Complete an in person or virtual **practice interview**.

Term 9 - A 99 - 105 Credit Hours	Hours	Minimum Grade	Notes
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PSY 315: Personality Theory and Research (SB) OR PSY 341: Developmental Psychology (SB) OR PSY 350: Social Psychology (SB) OR PSY 366: Psychological Disorders (SB) OR PSY 443: Child and Adolescent Psychological Disorders (L or SB)

- Gather professional references.

Elective	3
Term hours subtotal:	6

★ Term 9 - B 105 - 111 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
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★ Upper Division Psychology Elective	3	C	<ul style="list-style-type: none"> <li>• Choose Upper Division Psychology Elective from the course list below.</li> <li>• Apply for full-time career opportunities.</li> </ul>
Upper Division Elective	3		
Term hours subtotal:	6		

★ Term 10 - A 111 - 117 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
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★ Upper Division Psychology Elective	3	C	<ul style="list-style-type: none"> <li>• Choose Upper Division Psychology Elective from the course list below.</li> </ul>
Elective	3		
Term hours subtotal:	6		

★ Term 10 - B 117 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
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★ Upper Division Psychology Elective	3	C	<ul style="list-style-type: none"> <li>• Choose Upper Division Psychology Elective from the course list below.</li> </ul>
Term hours subtotal:	3		

- Courses used to fulfill the Upper Division Psychology Elective requirement may not be used to fulfill multiple psychology major requirements. No more than 3 credit hours of PSY 384, PSY 399, PSY 484, PSY 493, or PSY 499 may count toward this requirement. PSY 492 is not accepted.

Hide Course List(s)/Track Group(s)

Upper Division Cognitive Science Focus Area	Related Coursework Electives	Psychology Electives
PSY 320: Learning and Motivation	ASB Elective	PSY 2** Elective
PSY 323: Sensation and Perception	ASM Elective	PSY 211: The Criminal Mind (SB)
PSY 324: Memory and Cognition	COM Elective	PSY 3** Elective
PSY 360: Cognitive Science	JHR Elective	PSY 304: Effective Thinking (L)
PSY 434: Cognitive Psychology (L)	POS Elective	PSY 315: Personality Theory and Research (SB)
PSY 470: Psychopharmacology	PSY Elective	PSY 320: Learning and Motivation
	SBS Elective	PSY 323: Sensation and Perception
	SOC Elective	PSY 324: Memory and Cognition
		PSY 335: Positive Psychology
		PSY 338: Emotional Intelligence
		PSY 340: Psychology of Academic Motivation and Growth

PSY 341: Developmental Psychology (SB)

PSY 350: Social Psychology (SB)

PSY 360: Cognitive Science

PSY 366: Psychological Disorders (SB)

PSY 368: Forensic Psychology

PSY 370: Interpersonal Relationships (SB)

PSY 384: Psychology Undergraduate Teaching Assistant

PSY 385: Psychology of Gender (SB)

PSY 394: Childhood Trauma and Resilience

PSY 394: Psychology of Love and Intimacy

PSY 394: Social Psychology of Cults

PSY 399: Supervised Research

PSY 4\*\* Elective

PSY 434: Cognitive Psychology (L)

PSY 443: Child and Adolescent Psychological Disorders (L or SB)

PSY 447: Psychology of Aging (SB)

PSY 453: Organizational Behavior (SB)

PSY 462: Health Psychology

PSY 467: Psychology of Criminal Investigation

PSY 468: Psychology and Law

PSY 470: Psychopharmacology

PSY 474: Correctional Psychology

PSY 484: Internship

PSY 493: Honors Thesis (L)

PSY 494: Behavioral Data Science I

PSY 494: Optimal Psych: Multicultural Worldviews-Liberation

PSY 499: Individualized Instruction

**Notes:**

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- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

## 2023 - 2024 Major Map



### Psychology, BS




School/College: [New College of Interdisciplinary Arts and Sciences](#)

Location: [West, ASU at Lake Havasu](#)

ASPGSBS

Available accelerated bachelor's/master's degree program options may vary by modality (online vs. on-campus). Students should contact their academic advisor for more information.

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 PSY 101: Introduction to Psychology (SB)	3	C	<ul style="list-style-type: none"> <li>Students may elect to take an MA course in Term 1 to prepare for MAT 170 in Term 2.</li> <li>ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-S satisfies this requirement.</li> <li>IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101-S.</li> <li>Select your <a href="#">Career Interest Communities</a> and play <a href="#">me3@ASU</a>.</li> <li>Activate your <a href="#">Handshake</a> account and build out your profile.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
NEW 101-S: The ASU New College Experience	1		
Cultural Diversity in the U.S. (C)	3		
Elective	3		
ACO 100: All About Data: Design, Query, and Visualization (CS) OR CIS 105: Computer Applications and Information Technology (CS) OR CSE 180: Computer Literacy (CS) OR EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	3	C	
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 170: Precalculus (MA)	3	C	<ul style="list-style-type: none"> <li>Additional subjects may be used to fulfill Related Coursework requirement with academic advisor approval.</li> <li>Psychology BS majors are required to complete one Life Science lecture/lab course (BCH, BIO, FOR, LSC, or MIC - four credit hours) in addition to the General Studies Natural Science (SQ) and (SG) requirements (eight credit hours). PSY 290 may be used to fulfill the SG requirement.</li> <li>Create a first draft <a href="#">resume</a>.</li> <li>Join a <a href="#">student club</a> or professional organization.</li> <li>Secure a <a href="#">part-time job</a> or <a href="#">volunteer experience</a>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Related Coursework Electives	3	C	
Natural Science - Quantitative (SQ)	4		
Elective	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 32 - 47 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
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❗ PSY 230: Introduction to Statistics (CS)	3	C
Historical Awareness (H)	3	
Literacy and Critical Inquiry (L)	3	
Complete 2 courses:		
Elective	6	
❗ Complete First-Year Composition requirement.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:		15

- Develop your **research skills**.
- Develop your **professional skills**.

Term 4 47 - 63 Credit Hours <b>Critical course signified by</b> ❗	Hours	Minimum Grade	Notes
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❗ PSY 290: Research Methods (L or SG)	4	C
Global Awareness (G)	3	
Humanities, Arts and Design (HU)	3	
Complete 2 courses:		
Elective	6	
Term hours subtotal:		16

- Psychology BS majors are required to complete one Life Science lecture/lab course (BCH, BIO, FOR, LSC, or MIC - four credit hours) in addition to the General Studies Natural Science (SQ) and (SG) requirements (eight credit hours). PSY 290 may be used to fulfill the SG requirement.
- Explore an **internship**, an **IGLE international experience** or **ASU Study Abroad**.

Term 5 63 - 78 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
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★ PSY 330: Statistical Methods (CS)	3	C
★ Upper Division Cognitive Science Focus Area Course	3	C
PSY 315: Personality Theory and Research (SB) OR PSY 341: Developmental Psychology (SB) OR PSY 350: Social Psychology (SB) OR PSY 366: Psychological Disorders (SB) OR PSY 443: Child and Adolescent Psychological Disorders (L or SB)	3	C
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C
Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3	
Term hours subtotal:		15

- IAS 300 (3 credit hours) is required for all transfer students.
- Upper division (C) and (G) courses used to fulfill the New College Proficiency - Languages and Cultures requirement may not also be used to fulfill the General Studies Awareness Areas (C) and (G) requirements.
- Thinking about graduate school? Consider registering for a grad school **test prep course**.
- Develop your **professional online presence**.

Term 6 78 - 93 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
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★ Upper Division Cognitive Science Focus Area Course	3	C
PSY 315: Personality Theory and Research (SB) OR PSY 341: Developmental Psychology (SB) OR PSY 350: Social Psychology (SB) OR PSY 366: Psychological Disorders (SB) OR PSY 443: Child and Adolescent Psychological Disorders (L or SB)	3	C
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language	3	C

- Psychology Elective must be taken from the course lists below.
- Upper division (C) and (G) courses used to fulfill the New College Proficiency - Languages and Cultures requirement may not also be used to fulfill the General Studies Awareness Areas (C) and (G) requirements.
- Use Handshake to research **employment opportunities**.

or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.

- Complete an in person or virtual [practice interview](#).

Psychology Elective	3	C
Upper Division Elective	3	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
Term hours subtotal:		15

Term 7 93 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Complete 2 courses:			
Upper Division Psychology Elective	6	C	<ul style="list-style-type: none"> <li>• Psychology BS majors are required to complete one Life Science lecture/lab course (BCH, BIO, FOR, LSC, or MIC - four credit hours) in addition to the General Studies Natural Science (SQ) and (SG) requirements (eight credit hours). PSY 290 may be used to fulfill the SG requirement.</li> <li>• Upper Division Psychology Electives must be taken from the course lists below.</li> <li>• PSY 304 Effective Thinking (L) can be used to meet the Upper Division General Studies Literacy and Critical Inquiry (L) requirement as well as the Upper Division Psychology Elective requirement.</li> <li>• Gather <a href="#">professional references</a>.</li> </ul>
Life Science Lecture and Lab Course	4	C	
Humanities, Arts and Design (HU)	3		
Elective	2		
Term hours subtotal:		15	

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Complete 2 courses:			<ul style="list-style-type: none"> <li>• Upper Division Psychology Electives must be taken from the course lists below.</li> <li>• Apply for <a href="#">full-time career opportunities</a>.</li> </ul>
Upper Division Psychology Elective	6	C	
Complete 2 courses:			
Upper Division Elective	6		
Term hours subtotal:		12	

- Courses used to fulfill the Psychology Elective requirement can only apply once in the major and may not be used to fulfill multiple psychology major requirements. No more than three credit hours of PSY 384, 399, 484, 493, or 499 may count toward the Upper Division Psychology Elective requirement.

Hide Course List(s)/Track Group(s)

Upper Division Cognitive Science Focus Area	Related Coursework Electives	Life Science Lecture and Lab Course
PSY 320: Learning and Motivation	ASB Elective	BCH Elective
PSY 323: Sensation and Perception	ASM Elective	BIO Elective
PSY 324: Memory and Cognition	COM Elective	FOR Elective
PSY 325: Physiological Psychology	JHR Elective	LSC Elective
PSY 360: Cognitive Science	POS Elective	MIC Elective
PSY 369: Biology of Human Sexuality	PSY Elective	
PSY 434: Cognitive Psychology (L)	SBS Elective	



PSY 470: Psychopharmacology

SOC Elective

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Psychology Electives

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PSY 2\*\* Elective

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PSY 211: The Criminal Mind (SB)

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PSY 3\*\* Elective

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PSY 304: Effective Thinking (L)

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PSY 306: Environmental Psychology (SB)

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PSY 315: Personality Theory and Research (SB)

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PSY 320: Learning and Motivation

---

PSY 323: Sensation and Perception

---

PSY 324: Memory and Cognition

---

PSY 325: Physiological Psychology

---

PSY 335: Positive Psychology

---

PSY 338: Emotional Intelligence

---

PSY 340: Psychology of Academic Motivation and Growth

---

PSY 341: Developmental Psychology (SB)

---

PSY 344: Directed Child Study (SB)

---

PSY 350: Social Psychology (SB)

---

PSY 360: Cognitive Science

---

PSY 366: Psychological Disorders (SB)

---

PSY 368: Forensic Psychology

---

PSY 369: Biology of Human Sexuality

---

PSY 370: Interpersonal Relationships (SB)

---

PSY 384: Psychology Undergraduate Teaching Assistant

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PSY 385: Psychology of Gender (SB)

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PSY 394: Special Topics

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PSY 394: Childhood Trauma and Resilience

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PSY 394: Psychology of Love and Intimacy

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PSY 394: Social Psychology of Cults

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PSY 399: Supervised Research

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PSY 4\*\* Elective

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PSY 425: Biological Bases of Behavior (L)

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PSY 434: Cognitive Psychology (L)

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PSY 443: Child and Adolescent Psychological Disorders (L or SB)

PSY 444: Adolescent Psychology and Psychopathology

PSY 446: Social Development (L or SB)

PSY 447: Psychology of Aging (SB)

PSY 453: Organizational Behavior (SB)

PSY 462: Health Psychology

PSY 465: Psychology of Stress and Coping

PSY 467: Psychology of Criminal Investigation

PSY 468: Psychology and Law

PSY 470: Psychopharmacology

PSY 472: Clinical Psychology

PSY 474: Correctional Psychology

PSY 475: Multicultural Issues in Clinical Psychology

PSY 484: Internship

PSY 493: Honors Thesis (L)

PSY 494: Behavioral Data Science I

PSY 494: Special Topics

PSY 494: Optimal Psych: Multicultural Worldviews-Liberation

PSY 499: Individualized Instruction

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

## 2023 - 2024 Major Map



### Psychology, BS

School/College: [New College of Interdisciplinary Arts and Sciences](#)



Location: [Online ASU Local](#)

ASPGSBS

Available accelerated bachelor's/master's degree program options may vary by modality (online vs. on-campus). Students should contact their academic advisor for more information.

Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 PSY 101: Introduction to Psychology (SB)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific First-Year Seminar is required of all first-year students. NEW 101 fulfills this requirement.</li> <li>SBS 300 (3 credits) is required for all transfer students in place of NEW 101.</li> <li>Select your <a href="#">Career Interest Communities</a> and play <a href="#">me3@ASU</a>.</li> <li>Activate your <a href="#">Handshake</a> account and build out your profile.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
NEW 101: The ASU New College Experience	1		
Term hours subtotal:	7		

Term 1 - B 7 - 13 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>Students may elect to take an MA course in Term 1-B to prepare for MAT 170 in Term 2-A.</li> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> </ul>
ACO 100: All About Data: Design, Query, and Visualization (CS) OR CIS 105: Computer Applications and Information Technology (CS) OR CSE 180: Computer Literacy (CS) OR EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	3	C	
Term hours subtotal:	6		

Term 2 - A 13 - 20 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 170: Precalculus (MA)	3	C	<ul style="list-style-type: none"> <li>Psychology BS majors are required to complete one Life Science lecture/lab course (BCH, BIO, FOR, LSC, or MIC - four credit hours) in addition to the General Studies Natural Science (SQ) and (SG) requirements (eight credit hours). PSY 290 may be used to fulfill the SG requirement.</li> </ul>
Life Science Lecture and Lab Course	4	C	
Term hours subtotal:	7		

Term 2 - B 20 - 26 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
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Historical Awareness (H)	3
Elective	3
♦ Complete ENG 101 OR ENG 105 OR ENG 107 course(s).	
Term hours subtotal:	6

- Create a first draft **resume**.

Term 3 - A 26 - 33 Credit Hours	Hours	Minimum Grade	Notes
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	7		
			<ul style="list-style-type: none"> <li>• Psychology BS majors are required to complete one Life Science lecture/lab course (BCH, BIO, FOR, LSC, or MIC - four credit hours) in addition to the General Studies Natural Science (SQ) and (SG) requirements (eight credit hours). PSY 290 may be used to fulfill the SG requirement.</li> <li>• Develop your <b>professional skills</b>.</li> </ul>

Term 3 - B 33 - 39 Credit Hours Critical course signified by ♦	Hours	Minimum Grade	Notes
♦ PSY 230: Introduction to Statistics (CS)	3	C	
Humanities, Arts and Design (HU)	3		
♦ Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	6		

Term 4 - A 39 - 46 Credit Hours Critical course signified by ♦	Hours	Minimum Grade	Notes
♦ PSY 290: Research Methods (L or SG)	4	C	
Global Awareness (G)	3		
Term hours subtotal:	7		
			<ul style="list-style-type: none"> <li>• Psychology BS majors are required to complete one Life Science lecture/lab course (BCH, BIO, FOR, LSC, or MIC - four credit hours) in addition to the General Studies Natural Science (SQ) and (SG) requirements (eight credit hours). PSY 290 may be used to fulfill the SG requirement.</li> <li>• Explore an <b>IGLE international experience</b> or <b>ASU Study Abroad</b>.</li> </ul>

Term 4 - B 46 - 52 Credit Hours	Hours	Minimum Grade	Notes
Cultural Diversity in the U.S. (C)	3		
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	6		

Term 5 - A 52 - 58 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PSY 330: Statistical Methods (CS)	3	C	
PSY 315: Personality Theory and Research (SB) OR PSY 341: Developmental Psychology (SB) OR PSY 350: Social Psychology (SB) OR PSY 366: Psychological Disorders (SB) OR PSY 443: Child and Adolescent Psychological Disorders (L or SB)	3	C	
Term hours subtotal:	6		

Term 5 - B 58 - 64 Credit Hours	Hours	Minimum Grade	Notes
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Upper Division Elective OR SBS 300: Careers in Psychology	3
Elective	3
Term hours subtotal:	6

- SBS 300 (3 credit hours) is required for all transfer students in place of NEW 101.

Term 6 - A 64 - 70 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Cognitive Science Focus Area Course	3	C	<ul style="list-style-type: none"> <li>• Upper division (C) and (G) courses used to fulfill the New College Proficiency - Languages and Cultures requirement may not also be used to fulfill the General Studies Awareness Areas (C) and (G) requirements.</li> </ul>
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Term hours subtotal:	6		

Term 6 - B 70 - 76 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	<ul style="list-style-type: none"> <li>• Upper division (C) and (G) courses used to fulfill the New College Proficiency - Languages and Cultures requirement may not also be used to fulfill the General Studies Awareness Areas (C) and (G) requirements.</li> </ul>
Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 76 - 82 Credit Hours	Hours	Minimum Grade	Notes
Psychology Elective	3	C	<ul style="list-style-type: none"> <li>• Psychology Elective must be taken from the course list below.</li> <li>• Thinking about graduate school? Consider registering for a grad school <b>test prep course</b>.</li> </ul>
Elective	3		
Term hours subtotal:	6		

Term 7 - B 82 - 88 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
PSY 315: Personality Theory and Research (SB) OR PSY 341: Developmental Psychology (SB) OR PSY 350: Social Psychology (SB) OR PSY 366: Psychological Disorders (SB) OR PSY 443: Child and Adolescent Psychological Disorders (L or SB)	3	C	<ul style="list-style-type: none"> <li>• Create your <b>professional online presence</b>.</li> </ul>
Elective	3		
Term hours subtotal:	6		

Term 8 - A 88 - 94 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Cognitive Science Focus Area Course	3	C	<ul style="list-style-type: none"> <li>• Use Handshake to research <b>employment opportunities</b>.</li> </ul>
Elective	3		
Term hours subtotal:	6		

Term 8 - B 94 - 100 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ Upper Division Psychology Elective	3	C	<ul style="list-style-type: none"> <li>Upper Division Psychology Elective must be taken from the course list below.</li> <li>Additional subjects may be used to fulfill the Related Coursework requirement with academic advisor approval.</li> <li>Complete an in person or virtual <b>practice interview</b>.</li> </ul>
Related Coursework Elective	3	C	
Term hours subtotal:	6		

Term 9 - A 100 - 106 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ Upper Division Psychology Elective	3	C	<ul style="list-style-type: none"> <li>Upper Division Psychology Elective must be taken from the course list below.</li> <li>PSY 304 may be used to fulfill the upper division General Studies Literacy and Critical Inquiry (L) and the upper division Psychology Elective requirement in the major.</li> <li>Gather <b>professional references</b>.</li> </ul>
Upper Division Literacy and Critical Inquiry (L)	3	C	
Term hours subtotal:	6		

Term 9 - B 106 - 112 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ Upper Division Psychology Elective	3	C	<ul style="list-style-type: none"> <li>Upper Division Psychology Elective must be taken from the course list below.</li> <li>Apply for <b>full-time career opportunities</b>.</li> </ul>
Upper Division Elective	3		
Term hours subtotal:	6		

Term 10 - A 112 - 118 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ Upper Division Psychology Elective	3	C	<ul style="list-style-type: none"> <li>Upper Division Psychology Elective must be taken from the course list below.</li> </ul>
Upper Division Elective	3		
Term hours subtotal:	6		

Term 10 - B 118 - 120 Credit Hours	Hours	Minimum Grade	Notes
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Elective	2		
Term hours subtotal:	2		

- Courses used to fulfill the Upper Division Psychology Elective requirement may not be used to fulfill multiple psychology major requirements. No more than 3 credit hours of PSY 384, PSY 399, PSY 484, PSY 493, or PSY 499 may count toward this requirement. PSY 492 is not accepted.

Hide Course List(s)/Track Group(s)

Upper Division Cognitive Science Focus Area	Life Science Lecture and Lab Course	Related Coursework Electives
PSY 320: Learning and Motivation	BCH Elective	ASB Elective
PSY 323: Sensation and Perception	BIO Elective	ASM Elective
PSY 324: Memory and Cognition	FOR Elective	COM Elective

PSY 360: Cognitive Science	LSC Elective	JHR Elective
PSY 434: Cognitive Psychology (L)	MIC Elective	PSY Elective
PSY 470: Psychopharmacology		SBS Elective
		SOC Elective
Psychology Electives		
PSY 2** Elective		
PSY 211: The Criminal Mind (SB)		
PSY 3** Elective		
PSY 304: Effective Thinking (L)		
PSY 315: Personality Theory and Research (SB)		
PSY 320: Learning and Motivation		
PSY 323: Sensation and Perception		
PSY 324: Memory and Cognition		
PSY 335: Positive Psychology		
PSY 338: Emotional Intelligence		
PSY 340: Psychology of Academic Motivation and Growth		
PSY 341: Developmental Psychology (SB)		
PSY 350: Social Psychology (SB)		
PSY 360: Cognitive Science		
PSY 366: Psychological Disorders (SB)		
PSY 368: Forensic Psychology		
PSY 370: Interpersonal Relationships (SB)		
PSY 384: Psychology Undergraduate Teaching Assistant		
PSY 385: Psychology of Gender (SB)		
PSY 394: Childhood Trauma and Resilience		
PSY 394: Psychology of Love and Intimacy		
PSY 394: Social Psychology of Cults		
PSY 399: Supervised Research		
PSY 4** Elective		
PSY 434: Cognitive Psychology (L)		
PSY 443: Child and Adolescent Psychological Disorders (L or SB)		
PSY 447: Psychology of Aging (SB)		
PSY 453: Organizational Behavior (SB)		



PSY 462: Health Psychology

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PSY 467: Psychology of Criminal Investigation

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PSY 468: Psychology and Law

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PSY 470: Psychopharmacology

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PSY 474: Correctional Psychology

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PSY 484: Internship

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PSY 493: Honors Thesis (L)

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PSY 494: Behavioral Data Science I

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PSY 494: Optimal Psych: Multicultural Worldviews-Liberation

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PSY 499: Individualized Instruction

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**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

## 2023 - 2024 Major Map



### Psychology (Forensic Psychology), BA





School/College: New College of Interdisciplinary Arts and Sciences



Location: West

ASPGSFPBA

Accelerated options for this program are not currently available to ASU Online students.

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 PSY 101: Introduction to Psychology (SB)	3	C	<ul style="list-style-type: none"> <li>• Students may elect to take an MA course in place of Elective in Term 1 if needed to prepare for MAT 119 or MAT 170 in Term 2.</li> <li>• ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-S satisfies this requirement.</li> <li>• IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101-S.</li> <li>• Select your <b>Career Interest Communities</b> and play <b>me3@ASU</b>.</li> <li>• Activate your <b>Handshake</b> account and build out your profile.</li> </ul>
ACO 100: All About Data: Design, Query, and Visualization (CS) OR CIS 105: Computer Applications and Information Technology (CS) OR CSE 180: Computer Literacy (CS) OR EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
NEW 101-S: The ASU New College Experience	1		
Cultural Diversity in the U.S. (C)	3		
Elective	3		
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 119: Finite Mathematics (MA) OR MAT 170: Precalculus (MA)	3	C	<ul style="list-style-type: none"> <li>• Create a first draft <b>resume</b>.</li> <li>• Join a <b>student club</b> or professional organization.</li> <li>• Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> </ul>
 PSY 211: The Criminal Mind (SB)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Natural Science - Quantitative (SQ)	4		
Elective	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 32 - 47 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 PSY 230: Introduction to Statistics (CS)	3	C	<ul style="list-style-type: none"> <li>• Develop your <b>research skills</b>.</li> <li>• Develop your <b>professional skills</b>.</li> </ul>
Historical Awareness (H)	3		

Literacy and Critical Inquiry (L)	3
.....	
Complete 2 courses:	
Elective	6
.....	
📌 Complete First-Year Composition requirement.	
.....	
Complete Mathematics (MA) requirement.	
.....	
Term hours subtotal:	15

Term 4 47 - 63 Credit Hours Critical course signified by 📌	Hours	Minimum Grade	Notes
📌 PSY 290: Research Methods (L or SG)	4	C	<ul style="list-style-type: none"> <li>• PSY 290 may be used to fulfill the General Studies Natural Science (SG) requirement.</li> <li>• Explore an <a href="#">internship</a>, <a href="#">IGLE international experience</a>, or <a href="#">ASU Study Abroad</a>.</li> </ul>
CRJ 260: Criminal Law I: Introduction to Substantive Criminal Law	3	C	
Global Awareness (G)	3		
Humanities, Arts and Design (HU)	3		
Elective	3		
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours Necessary course signified by ⭐	Hours	Minimum Grade	Notes
⭐ CRJ 309: Criminology (SB)	3	C	<ul style="list-style-type: none"> <li>• IAS 300 (3 credit hours) is required for all transfer students.</li> <li>• Additional subjects may be used to fulfill the Related Coursework requirement with academic advisor approval.</li> <li>• Upper division (C) and (G) courses used to fulfill the New College Proficiency - Languages and Cultures requirement may not also be used to fulfill the General Studies Awareness Areas (C) and (G) requirements.</li> <li>• Thinking about graduate school? Consider registering for a graduate <a href="#">test prep course</a>.</li> <li>• Develop your <a href="#">professional online presence</a>.</li> </ul>
⭐ PSY 366: Psychological Disorders (SB)	3	C	
Related Coursework Elective	3	C	
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by ⭐	Hours	Minimum Grade	Notes
⭐ PSY 368: Forensic Psychology	3	C	<ul style="list-style-type: none"> <li>• Upper division (C) and (G) courses used to fulfill the New College Proficiency - Languages and Cultures requirement may not also be used to fulfill the General Studies Awareness Areas (C) and (G) requirements.</li> <li>• Use Handshake to research <a href="#">employment opportunities</a>.</li> <li>• Complete an in person or virtual <a href="#">practice interview</a>.</li> </ul>
PSY 315: Personality Theory and Research (SB) OR PSY 341: Developmental Psychology (SB) OR PSY 350: Social Psychology (SB)	3	C	
PSY 467: Psychology of Criminal Investigation	3	C	
Upper Division Cognitive Science Focus Area Course	3	C	
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
⭐ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			

Term hours subtotal: 15

Term 7 93 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PSY 468: Psychology and Law	3	C	• Gather professional references.
Upper Division Cognitive Science Focus Area Course	3	C	
Upper Division Elective OR PSY 484: Internship	3		
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PSY 474: Correctional Psychology	3	C	• Apply for full-time career opportunities.
Humanities, Arts and Design (HU)	3		
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

Upper Division Cognitive Science Focus Area Course	Related Coursework Electives
PSY 320: Learning and Motivation	ASB Elective
PSY 323: Sensation and Perception	ASM Elective
PSY 324: Memory and Cognition	COM Elective
PSY 325: Physiological Psychology	JHR Elective
PSY 360: Cognitive Science	POS Elective
PSY 369: Biology of Human Sexuality	PSY Elective
PSY 434: Cognitive Psychology (L)	SBS Elective
PSY 470: Psychopharmacology	SOC Elective

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum

**General University Requirements Legend**

- General Studies Core Requirements:
- Literacy and Critical Inquiry (L)
  - Mathematical Studies (MA)

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

## 2023 - 2024 Major Map



### Psychology (Forensic Psychology), BA

School/College: [New College of Interdisciplinary Arts and Sciences](#)



Location: [Online ASU Local](#)



ASPGSFPBA

Accelerated options for this program are not currently available to ASU Online students.



Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 PSY 101: Introduction to Psychology (SB)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101 fulfills this requirement.</li> <li>SBS 300 (3 credits) is required for all transfer students in place of NEW 101.</li> <li>Select your <a href="#">Career Interest Communities</a> and play <a href="#">me3@ASU</a>.</li> <li>Activate your <a href="#">Handshake</a> account and build out your profile.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
NEW 101: The ASU New College Experience	1		
Term hours subtotal:	7		



Term 1 - B 7 - 13 Credit Hours	Hours	Minimum Grade	Notes
ACO 100: All About Data: Design, Query, and Visualization (CS) OR CIS 105: Computer Applications and Information Technology (CS) OR CSE 180: Computer Literacy (CS) OR EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	3	C	<ul style="list-style-type: none"> <li>Students may elect to take an MA course in place of Elective in Term 1-B if needed to prepare for MAT 119 or MAT 170 in Term 2-A.</li> <li>View ASU Online first-year registration information <a href="#">here</a>.</li> </ul>
Elective	3		
Term hours subtotal:	6		



Term 2 - A 13 - 19 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 119: Finite Mathematics (MA) OR MAT 170: Precalculus (MA)	3	C	<ul style="list-style-type: none"> <li>Create a first draft <a href="#">resume</a>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	6		

Term 2 - B 19 - 26 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
PSY 211: The Criminal Mind (SB)	3	C	<ul style="list-style-type: none"> <li>Secure a <a href="#">part-time job</a> or <a href="#">volunteer experience</a>.</li> </ul>
Natural Science - Quantitative (SQ)	4		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			



Term hours subtotal: 7



Term 3 - A 26 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 PSY 230: Introduction to Statistics (CS)	3	C	• Develop your <b>professional skills</b> .
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	6		



Term 3 - B 32 - 38 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
CRJ 260: Criminal Law I: Introduction to Substantive Criminal Law	3	C	
Literacy and Critical Inquiry (L)	3		
 Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	6		


Term 4 - A 38 - 45 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 PSY 290: Research Methods (L or SG)	4	C	• Explore an <b>IGLE international experience</b> or <b>ASU Study Abroad</b> .
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	7		

Term 4 - B 45 - 51 Credit Hours	Hours	Minimum Grade	Notes
Cultural Diversity in the U.S. (C)	3		
Global Awareness (G)	3		
Term hours subtotal:	6		

Term 5 - A 51 - 57 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 PSY 366: Psychological Disorders (SB)	3	C	• Develop your <b>professional online presence</b> .
Upper Division Cognitive Science Focus Area Course	3	C	
Term hours subtotal:	6		

Term 5 - B 57 - 63 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 CRJ 309: Criminology (SB)	3	C	• SBS 300 (3 credit hours) is required for all transfer students in place of NEW 101. • Thinking about graduate school? Consider registering for a grad school <b>test prep course</b> .
Upper Division Elective OR SBS 300: Careers in Psychology	3		
Term hours subtotal:	6		

Term 6 - A 63 - 69 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 PSY 368: Forensic Psychology	3	C	
Elective	3		
Term hours subtotal:	6		

Term 6 - B 69 - 75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
PSY 315: Personality Theory and Research (SB) OR PSY 341: Developmental Psychology (SB) OR PSY 350: Social Psychology (SB)	3	C	• Use Handshake to research <b>employment opportunities</b> .

PSY 467: Psychology of Criminal Investigation	3	C	<ul style="list-style-type: none"> <li>Complete an in person or virtual practice interview.</li> </ul>
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		
<b>Term 7 - A 75 - 81 Credit Hours Necessary course signified by ★</b>	<b>Hours</b>	<b>Minimum Grade</b>	<b>Notes</b>
★ Upper Division Cognitive Science Focus Area Course	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		
<b>Term 7 - B 81 - 87 Credit Hours Necessary course signified by ★</b>	<b>Hours</b>	<b>Minimum Grade</b>	<b>Notes</b>
★ PSY 468: Psychology and Law	3	C	<ul style="list-style-type: none"> <li>Upper division (C) and (G) courses used to fulfill the New College Proficiency - Language and Cultures requirement may not also be used to fulfill the General Awareness Areas (C) and (G) requirements.</li> <li>Gather professional references.</li> </ul>
Upper Division Language and Cultures: Requirement satisfied through the following:			
* Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Term hours subtotal:	6		
<b>Term 8 - A 87 - 93 Credit Hours Necessary course signified by ★</b>	<b>Hours</b>	<b>Minimum Grade</b>	<b>Notes</b>
★ PSY 474: Correctional Psychology	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		
<b>Term 8 - B 93 - 99 Credit Hours</b>	<b>Hours</b>	<b>Minimum Grade</b>	<b>Notes</b>
Upper Division Language and Cultures: Requirement satisfied through the following:			<ul style="list-style-type: none"> <li>Upper division (C) and (G) courses used to fulfill the New College Proficiency - Language and Cultures requirement may not also be used to fulfill the General Awareness Areas (C) and (G) requirements.</li> </ul>
* Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Elective	3		
Term hours subtotal:	6		
<b>Term 9 - A 99 - 105 Credit Hours</b>	<b>Hours</b>	<b>Minimum Grade</b>	<b>Notes</b>
Upper Division Literacy and Critical Inquiry (L)	3		<ul style="list-style-type: none"> <li>PSY 304 Effective Thinking (L) can be used to meet the Upper Division General Studies Literacy and Critical Inquiry (L) requirement as well as the Upper Division Psychology Elective requirement.</li> <li>Additional subjects may be used to fulfill the Related Coursework requirement with academic advisor approval.</li> </ul>
Elective	3		
Term hours subtotal:	6		
<b>Term 9 - B 105 - 111 Credit Hours Necessary course signified by</b>		<b>Minimum</b>	



★	Hours	Grade	Notes
★ Related Coursework Elective	3	C	• Additional subjects may be used to fulfill the Related Coursework requirement with academic advisor approval.
Elective	3		
Term hours subtotal:	6		

★ Term 10 - A 111 - 117 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
★ Complete 2 courses:			
Elective	6		
Term hours subtotal:	6		

Term 10 - B 117 - 120 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses:			
Elective	3		• Apply for full-time career opportunities.
Term hours subtotal:	3		

Hide Course List(s)/Track Group(s)

Upper Division Cognitive Science Focus Area Course	Related Coursework Electives
	ASB Elective
PSY 320: Learning and Motivation	ASM Elective
PSY 323: Sensation and Perception	COM Elective
PSY 324: Memory and Cognition	JHR Elective
PSY 360: Cognitive Science	POS Elective
PSY 434: Cognitive Psychology (L)	PSY Elective
PSY 470: Psychopharmacology	SBS Elective
	SOC Elective

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for Academic Recognition:** 56 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)

**Total Community College Hrs:** 64 maximum  
**Total College Residency Hrs:** 12 minimum

- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

## 2023 - 2024 Major Map



### Psychology (Forensic Psychology), BS





School/College: [New College of Interdisciplinary Arts and Sciences](#)



Location: [West](#)

ASPGSFPBS

Accelerated options for this program are not currently available to ASU Online students.

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 PSY 101: Introduction to Psychology (SB)	3	C	<ul style="list-style-type: none"> <li>Students may elect to take an MA course in Term 1 in place of an Elective in order to prepare for MAT 170 in Term 2.</li> <li>ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-S satisfies this requirement.</li> <li>IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101-S.</li> <li>Select your <a href="#">Career Interest Communities</a> and play <a href="#">me3@ASU</a>.</li> <li>Activate your <a href="#">Handshake</a> account and build out your profile.</li> </ul>
ACO 100: All About Data: Design, Query, and Visualization (CS) OR CIS 105: Computer Applications and Information Technology (CS) OR CSE 180: Computer Literacy (CS) OR EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
NEW 101-S: The ASU New College Experience	1		
Cultural Diversity in the U.S. (C)	3		
Elective	3		
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 170: Precalculus (MA)	3	C	<ul style="list-style-type: none"> <li>Psychology (Forensic) BS majors are required to complete one Life Science lecture/lab course (BCH, BIO, FOR, LSC, or MIC - four credit hours) in addition to the General Studies Natural Science (SQ) and (SG) requirements (eight credit hours). PSY 290 may be used to fulfill the SG requirement.</li> <li>Create a first draft <a href="#">resume</a>.</li> <li>Join a <a href="#">student club</a> or professional organization.</li> <li>Secure a <a href="#">part-time job</a> or <a href="#">volunteer experience</a>.</li> </ul>
 PSY 211: The Criminal Mind (SB)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Natural Science - Quantitative (SQ)	4		
Elective	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 32 - 47 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 PSY 230: Introduction to Statistics (CS)	3	C	<ul style="list-style-type: none"> <li>Develop your <a href="#">research skills</a>.</li> <li>Develop your <a href="#">professional skills</a>.</li> </ul>
Historical Awareness (H)	3		

Literacy and Critical Inquiry (L)	3
.....	
Complete 2 courses:	
Elective	6
.....	
🚩 Complete First-Year Composition requirement.	
.....	
Complete Mathematics (MA) requirement.	
.....	
Term hours subtotal:	15

Term 4 47 - 63 Credit Hours <b>Critical course signified by</b> 🚩	Hours	Minimum Grade	Notes
🚩 PSY 290: Research Methods (L or SG)	4	C	<ul style="list-style-type: none"> <li>Psychology (Forensic) BS majors are required to complete one Life Science lecture/lab course (BCH, BIO, FOR, LSC, or MIC - four credit hours) in addition to the General Studies Natural Science (SQ) and (SG) requirements (eight credit hours). PSY 290 may be used to fulfill the SG requirement.</li> <li>Explore an <b>internship</b>, an <b>IGLE international experience</b> or <b>ASU Study Abroad</b>.</li> </ul>
CRJ 260: Criminal Law I: Introduction to Substantive Criminal Law	3	C	
Global Awareness (G)	3		
Humanities, Arts and Design (HU)	3		
Elective	3		
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ PSY 330: Statistical Methods (CS)	3	C	<ul style="list-style-type: none"> <li>IAS 300 (3 credit hours) is required for all transfer students.</li> <li>Upper division (C) and (G) courses used to fulfill the New College Proficiency - Languages and Cultures requirement may not also be used to fulfill the General Studies Awareness Areas (C) and (G) requirements.</li> <li>Thinking about graduate school? Consider registering for a graduate <b>test prep course</b>.</li> <li>Develop your <b>professional online presence</b>.</li> </ul>
★ PSY 366: Psychological Disorders (SB)	3	C	
CRJ 309: Criminology (SB)	3	C	
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ PSY 368: Forensic Psychology	3	C	<ul style="list-style-type: none"> <li>Upper division (C) and (G) courses used to fulfill the New College Proficiency - Languages and Cultures requirement may not also be used to fulfill the General Studies Awareness Areas (C) and (G) requirements.</li> <li>Use Handshake to research <b>employment opportunities</b>.</li> <li>Complete an in person or virtual <b>practice interview</b>.</li> </ul>
PSY 315: Personality Theory and Research (SB) OR PSY 341: Developmental Psychology (SB) OR PSY 350: Social Psychology (SB)	3	C	
PSY 467: Psychology of Criminal Investigation	3	C	
Upper Division Cognitive Science Focus Area Course	3	C	
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Term hours subtotal:	15		

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 15

Term 7 93 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PSY 468: Psychology and Law	3	C	<ul style="list-style-type: none"> <li>Psychology (Forensic) BS majors are required to complete one Life Science lecture/lab course (BCH, BIO, FOR, LSC, or MIC - four credit hours) in addition to the General Studies Natural Science (SQ) and (SG) requirements (eight credit hours). PSY 290 may be used to fulfill the SG requirement.</li> <li>Gather professional references.</li> </ul>
Life Science Lecture and Lab Course	4	C	
Humanities, Arts and Design (HU)	3		
Upper Division Elective OR PSY 484: Internship	3		
Elective	2		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PSY 474: Correctional Psychology	3	C	<ul style="list-style-type: none"> <li>Apply for full-time career opportunities.</li> </ul>
Complete 2 courses:	6		
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

Upper Division Cognitive Science Focus Area Course	Life Science Lecture and Lab Course
PSY 320: Learning and Motivation	BCH Elective
PSY 323: Sensation and Perception	BIO Elective
PSY 324: Memory and Cognition	FOR Elective
PSY 325: Physiological Psychology	LSC Elective
PSY 360: Cognitive Science	MIC Elective
PSY 369: Biology of Human Sexuality	
PSY 434: Cognitive Psychology (L)	
PSY 470: Psychopharmacology	

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
  - Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120

General University Requirements Legend

**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum  
**Total College Residency Hrs:** 12 minimum

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

## 2023 - 2024 Major Map



### Psychology (Forensic Psychology), BS

School/College: [New College of Interdisciplinary Arts and Sciences](#)



Location: [Online ASU Local](#)




ASPGSFPBS

Accelerated options for this program are not currently available to ASU Online students.

Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 PSY 101: Introduction to Psychology (SB)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101 satisfies this requirement.</li> <li>SBS 300 (3 credit hours) is required for all transfer students in place of NEW 101.</li> <li>Select your <a href="#">Career Interest Communities</a> and play <a href="#">me3@ASU</a>.</li> <li>Activate your <a href="#">Handshake</a> account and build out your profile.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
NEW 101: The ASU New College Experience	1		
Term hours subtotal:	7		

Term 1 - B 7 - 13 Credit Hours	Hours	Minimum Grade	Notes
ACO 100: All About Data: Design, Query, and Visualization (CS) OR CIS 105: Computer Applications and Information Technology (CS) OR CSE 180: Computer Literacy (CS) OR EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	3	C	<ul style="list-style-type: none"> <li>Students may elect to take an MA course in place of Elective in Term 1-B if needed to prepare for MAT 170 in Term 2-A.</li> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> </ul>
Elective	3		
Term hours subtotal:	6		

Term 2 - A 13 - 19 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 170: Precalculus (MA)	3	C	<ul style="list-style-type: none"> <li>Create a first draft <a href="#">resume</a>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	6		

Term 2 - B 19 - 26 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 PSY 211: The Criminal Mind (SB)	3	C	<ul style="list-style-type: none"> <li>Psychology (Forensic) BS majors are required to complete one Life Science lecture/lab course (BCH, BIO, FOR, LSC, or MIC - four credit hours) in addition to the General Studies Natural</li> </ul>
Natural Science - Quantitative (SQ)	4		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			

Term hours subtotal: 7

Science (SQ) and (SG) requirements (eight credit hours). PSY 290 may be used to fulfill the SG requirement.

- Secure a **part-time job** or **volunteer experience**.

Term 3 - A 26 - 32 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
⚠ PSY 230: Introduction to Statistics (CS)	3	C	• Develop your <b>professional skills</b> .
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	6		

Term 3 - B 32 - 38 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
CRJ 260: Criminal Law I: Introduction to Substantive Criminal Law	3	C	• Develop your <b>professional skills</b> .
Literacy and Critical Inquiry (L)	3		
⚠ Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	6		

Term 4 - A 38 - 45 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
⚠ PSY 290: Research Methods (L or SG)	4	C	• Explore an <b>internship</b> , an <b>IGLE international experience</b> or <b>ASU Study Abroad</b> .
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	7		

Term 4 - B 45 - 51 Credit Hours	Hours	Minimum Grade	Notes
Cultural Diversity in the U.S. (C)	3		
Global Awareness (G)	3		
Term hours subtotal:	6		

Term 5 - A 51 - 57 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ PSY 366: Psychological Disorders (SB)	3	C	• Develop your <b>professional online presence</b> .
CRJ 309: Criminology (SB)	3	C	
Term hours subtotal:	6		

Term 5 - B 57 - 63 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ PSY 330: Statistical Methods (CS)	3	C	• SBS 300 (3 credit hours) is required for all transfer students in place of NEW 101. • Thinking about graduate school? Consider registering for a grad school <b>test prep course</b> .
Upper Division Elective OR SBS 300: Careers in Psychology	3		
Term hours subtotal:	6		

Term 6 - A 63 - 69 Credit Hours	Hours	Minimum Grade	Notes
PSY 368: Forensic Psychology	3	C	
Elective	3		
Term hours subtotal:	6		

Term 6 - B 69 - 75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
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PSY 467: Psychology of Criminal Investigation	3	C
Upper Division Elective	3	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
Term hours subtotal:	6	

- Use Handshake to research **employment opportunities**.
- Complete an in person or virtual **practice interview**.

Term 7 - A 75 - 82 Credit Hours	Hours	Minimum Grade	Notes
PSY 315: Personality Theory and Research (SB) OR PSY 341: Developmental Psychology (SB) OR PSY 350: Social Psychology (SB)	3	C	<ul style="list-style-type: none"> <li>• Psychology (Forensic) BS majors are required to complete one Life Science lecture/lab course (BCH, BIO, FOR, LSC, or MIC - four credit hours) in addition to the General Studies Natural Science (SQ) and (SG) requirements (eight credit hours). PSY 290 may be used to fulfill the SG requirement.</li> </ul>
Life Science Lecture and Lab Course	4	C	
Term hours subtotal:	7		

Term 7 - B 82 - 88 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PSY 468: Psychology and Law	3	C	<ul style="list-style-type: none"> <li>• Upper division (C) and (G) courses used to fulfill the New College Proficiency - Languages and Cultures requirement may not also be used to fulfill the General Studies Awareness Areas (C) and (G) requirements.</li> <li>• Gather <b>professional references</b>.</li> </ul>
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Term hours subtotal:	6		

Term 8 - A 88 - 94 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PSY 474: Correctional Psychology	3	C	
Elective	3		
Term hours subtotal:	6		

Term 8 - B 94 - 100 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	<ul style="list-style-type: none"> <li>• Upper division (C) and (G) courses used to fulfill the New College Proficiency - Languages and Cultures requirement may not also be used to fulfill the General Studies Awareness Areas (C) and (G) requirements.</li> </ul>
Upper Division Elective	3		
Term hours subtotal:	6		

Term 9 - A 100 - 106 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Literacy and Critical Inquiry (L)	3		
Elective	3		
Term hours subtotal:	6		

		Minimum	
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Term 9 - B 106 - 112 Credit Hours <b>Necessary course signified by</b> ★	Hours	Grade	Notes
★ Upper Division Cognitive Science Focus Area Course	3	C	
Elective	3		
Term hours subtotal:	6		

Term 10 - A 112 - 120 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Complete 3 courses:	8		
Elective			
Term hours subtotal:	8		

Hide Course List(s)/Track Group(s)

Upper Division Cognitive Science Focus Area Course	Life Science Lecture and Lab Course
	BCH Elective
PSY 320: Learning and Motivation	BIO Elective
PSY 323: Sensation and Perception	FOR Elective
PSY 324: Memory and Cognition	LSC Elective
PSY 360: Cognitive Science	MIC Elective
PSY 434: Cognitive Psychology (L)	
PSY 470: Psychopharmacology	

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map




### Psychology (Positive Psychology), BA



School/College: New College of Interdisciplinary Arts and Sciences

Location: West

ASPGSPBBA

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 PSY 101: Introduction to Psychology (SB)	3	C	<ul style="list-style-type: none"> <li>• Students may elect to take a math course in place of an elective in Term 1 if needed to prepare for MAT 119 or MAT 170 in Term 2.</li> <li>• ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-S satisfies this requirement.</li> <li>• IAS 300 (three credit hours) is required for all transfer students in place of NEW 101-S.</li> <li>• Select your <b>Career Interest Communities</b> and play <b>me3@ASU</b>.</li> <li>• Activate your <b>Handshake</b> account and build out your profile.</li> </ul>
ACO 100: All About Data: Design, Query, and Visualization (CS) OR CIS 105: Computer Applications and Information Technology (CS) OR CSE 180: Computer Literacy (CS) OR EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
NEW 101-S: The ASU New College Experience	1		
Cultural Diversity in the U.S. (C)	3		
Elective	3		
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 119: Finite Mathematics (MA) OR MAT 170: Precalculus (MA)	3	C	<ul style="list-style-type: none"> <li>• Additional subjects may be used to fulfill the Related Coursework Elective requirement with academic advisor approval.</li> <li>• Create a first draft <b>resume</b>.</li> <li>• Join a <b>student club</b> or professional organization.</li> <li>• Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Related Coursework Elective	3	C	
Natural Science - Quantitative (SQ)	4	C	
Elective	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 32 - 47 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 PSY 230: Introduction to Statistics (CS)	3	C	<ul style="list-style-type: none"> <li>• Develop your <b>research skills</b>.</li> <li>• Develop your <b>professional skills</b>.</li> </ul>
Historical Awareness (H)	3		
Literacy and Critical Inquiry (L)	3		
Complete 2 courses:	6		
Elective			

❖ Complete First-Year Composition requirement.

Complete Mathematics (MA) requirement.

Term hours subtotal: 15

Term 4 47 - 63 Credit Hours <b>Critical course signified by</b> ❖	Hours	Minimum Grade	Notes
❖ PSY 290: Research Methods (L or SG)	4	C	<ul style="list-style-type: none"> <li>• PSY 290 may be used to fulfill the General Studies Natural Science (SG) requirement.</li> <li>• Explore an <b>internship</b>, an <b>IGLE international experience</b> or <b>ASU Study Abroad</b>.</li> </ul>
Global Awareness (G)	3		
Humanities, Arts and Design (HU)	3		
Complete 2 courses:	6		
Elective			
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Upper Division Cognitive Science Focus Area Course	3	C	<ul style="list-style-type: none"> <li>• IAS 300 (three credit hours) is required for all transfer students.</li> <li>• Additional subjects may be used to fulfill the Related Coursework Elective requirement with academic advisor approval.</li> <li>• Upper division (C) and (G) courses used to fulfill the New College Proficiency - Languages and Cultures requirement may not also be used to fulfill the General Studies Awareness Areas (C) and (G) requirements.</li> <li>• Thinking about graduate school? Consider registering for a grad school <b>test prep</b> course.</li> <li>• Develop your <b>professional online presence</b>.</li> </ul>
PSY 315: Personality Theory and Research (SB) OR PSY 341: Developmental Psychology (SB) OR PSY 350: Social Psychology (SB) OR PSY 366: Psychological Disorders (SB)	3	C	
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Related Coursework Elective	3	C	
Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ PSY 335: Positive Psychology	3	C	<ul style="list-style-type: none"> <li>• Additional subjects may be used to fulfill the Related Coursework Elective requirement with academic advisor approval.</li> <li>• Upper division (C) and (G) courses used to fulfill the New College Proficiency - Languages and Cultures requirement may not also be used to fulfill the General Studies Awareness Areas (C) and (G) requirements.</li> <li>• Use Handshake to research <b>employment opportunities</b>.</li> <li>• Complete an in person or virtual <b>practice interview</b>.</li> </ul>
PSY 315: Personality Theory and Research (SB) OR PSY 341: Developmental Psychology (SB) OR PSY 350: Social Psychology (SB) OR PSY 366: Psychological Disorders (SB) OR PSY 443: Child and Adolescent Psychological Disorders (L or SB)	3	C	
Upper Division Cognitive Science Focus Area Course	3	C	
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Related Coursework Elective	3	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Minimum

Term 7 93 - 108 Credit Hours Necessary course signified by ★	Hours	Grade	Notes
★ PSY 336: Applications of Positive Psychology	3	C	<ul style="list-style-type: none"> <li>The Positive Psychology Elective must be taken from the course list below.</li> <li>Gather <b>professional references</b>.</li> </ul>
Upper Division Positive Psychology Elective	3	C	
Humanities, Arts and Design (HU)	3		
Upper Division Elective OR PSY 484: Internship	3		
Elective	3		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Complete 2 courses: Upper Division Positive Psychology Elective	6	C	<ul style="list-style-type: none"> <li>Positive Psychology Electives must be taken from the course list below.</li> <li>Apply for <b>full-time career opportunities</b>.</li> </ul>
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

Upper Division Cognitive Science Focus Area	Positive Psychology Electives	Related Coursework Electives
PSY 320: Learning and Motivation	PSY 338: Emotional Intelligence	ASB Elective
PSY 323: Sensation and Perception	PSY 340: Psychology of Academic Motivation and Growth	ASM Elective
PSY 324: Memory and Cognition	PSY 370: Interpersonal Relationships (SB)	COM Elective
PSY 325: Physiological Psychology	PSY 394: Childhood Trauma and Resilience	JHR Elective
PSY 360: Cognitive Science	PSY 394: Psychology of Love and Intimacy	POS Elective
PSY 369: Biology of Human Sexuality	PSY 462: Health Psychology	PSY Elective
PSY 434: Cognitive Psychology (L)	PSY 494: Optimal Psych: Multicultural Worldviews-Liberation	SBS Elective
PSY 470: Psychopharmacology	PSY 494: Psychology of Mindfulness	SOC Elective

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
  - Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.







## 2023 - 2024 Major Map

### Psychology (Positive Psychology), BA

School/College: [New College of Interdisciplinary Arts and Sciences](#)

Location: [Online ASU Local](#)

ASPGSPBBA

Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 PSY 101: Introduction to Psychology (SB)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101 meets this requirement.</li> <li>SBS 300 (three credits) is required for all transfer students in place of NEW 101.</li> <li>Select your <b>Career Interest Communities</b> and play <b>me3@ASU</b>.</li> <li>Activate your <b>Handshake</b> account and build out your profile.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
NEW 101: The ASU New College Experience	1		
Term hours subtotal:	7		
Term 1 - B 7 - 13 Credit Hours	Hours	Minimum Grade	Notes
ACO 100: All About Data: Design, Query, and Visualization (CS) OR CIS 105: Computer Applications and Information Technology (CS) OR CSE 180: Computer Literacy (CS) OR EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	3	C	<ul style="list-style-type: none"> <li>Students may elect to take an MA course in Term 1-B if needed to prepare for MAT 119 or MAT 170 in Term 2-A.</li> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	6		
Term 2 - A 13 - 19 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 119: Finite Mathematics (MA) OR MAT 170: Precalculus (MA)	3	C	
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	6		
Term 2 - B 19 - 25 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
Related Coursework Elective	3	C	<ul style="list-style-type: none"> <li>Additional subjects may be used to fulfill the Related Coursework requirement with academic advisor approval.</li> <li>Create a first draft <a href="#">resume</a>.</li> </ul>
Historical Awareness (H)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	6		
Term 3 - A 25 - 32 Credit Hours	Hours	Minimum Grade	Notes
Humanities, Arts and Design (HU)	3		



Natural Science - Quantitative (SQ)

4

C

- Build your **professional skills**.

Term hours subtotal: 7

Term 3 - B 32 - 38 Credit Hours Critical course signified by ⚠	Hours	Minimum Grade	Notes
⚠ PSY 230: Introduction to Statistics (CS)	3	C	• PSY 230 may not be used to fulfill the Interdisciplinary Computer Science requirement in the major. ACO 100, CIS 105, CSE 180 or EDT 180 are required.
Humanities, Arts and Design (HU)	3		
⚠ Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	6		
Term 4 - A 38 - 45 Credit Hours Critical course signified by ⚠	Hours	Minimum Grade	Notes
⚠ PSY 290: Research Methods (L or SG)	4	C	• PSY 290 may be used to fulfill the General Studies Natural Science (SG) requirement. • Explore an <b>IGLE international experience</b> or <b>ASU Study Abroad</b> .
Global Awareness (G)	3		
Term hours subtotal:	7		
Term 4 - B 45 - 51 Credit Hours	Hours	Minimum Grade	Notes
Cultural Diversity in the U.S. (C)	3		
Elective	3		
Term hours subtotal:	6		
Term 5 - A 51 - 57 Credit Hours Necessary course signified by ⭐	Hours	Minimum Grade	Notes
PSY 315: Personality Theory and Research (SB) OR PSY 341: Developmental Psychology (SB) OR PSY 350: Social Psychology (SB) OR PSY 366: Psychological Disorders (SB)	3	C	
Elective	3		
Term hours subtotal:	6		
Term 5 - B 57 - 63 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Elective OR SBS 300: Careers in Psychology	3		• SBS 300 (three credit hours) is required for all transfer students in place of NEW 101.
Elective	3		
Term hours subtotal:	6		
Term 6 - A 63 - 69 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Cognitive Science Focus Area Course	3	C	• Upper division (C) and (G) courses used to fulfill the New College Proficiency - Languages and Cultures requirement may not also be used to fulfill the General Studies Awareness Areas (C) and (G) requirements.
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Term hours subtotal:	6		
Term 6 - B 69 - 75 Credit Hours Necessary course signified by ⭐	Hours	Minimum Grade	Notes
⭐ PSY 335: Positive Psychology	3	C	

Upper Division Language and Cultures: Requirement satisfied through the following:

\* Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.

3 C

- Upper division (C) and (G) courses used to fulfill the New College Proficiency - Languages and Cultures requirement may not also be used to fulfill the General Studies Awareness Areas (C) and (G) requirements.

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 6

Term 7 - A 75 - 81 Credit Hours	Hours	Minimum Grade	Notes
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Related Coursework Elective 3 C

Elective 3

Term hours subtotal: 6

- Additional subjects may be used to fulfill the Related Coursework requirement with academic advisor approval.
- Thinking about graduate school? Consider registering for a graduate school **test prep course**.

Term 7 - B 81 - 87 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
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★ PSY 336: Applications of Positive Psychology 3 C

Related Coursework Elective 3 C

Term hours subtotal: 6

- Additional subjects may be used to fulfill the Related Coursework requirement with academic advisor approval.
- Create your **professional online presence**.

Term 8 - A 87 - 93 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
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★ Upper Division Cognitive Science Focus Area Course 3 C

Upper Division Elective 3

Term hours subtotal: 6

- Use Handshake to research **employment opportunities**.

Term 8 - B 93 - 99 Credit Hours	Hours	Minimum Grade	Notes
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Upper Division Literacy and Critical Inquiry (L) 3

Elective 3

Term hours subtotal: 6

- Complete an in person or virtual **practice interview**.

Term 9 - A 99 - 105 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
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PSY 315: Personality Theory and Research (SB) OR PSY 341:

★ Developmental Psychology (SB) OR PSY 350: Social Psychology (SB) OR PSY 366: Psychological Disorders (SB) OR PSY 443: Child and Adolescent Psychological Disorders (L or SB) 3 C

Elective 3

Term hours subtotal: 6

- Gather **professional references**.

Term 9 - B 105 - 111 Credit Hours	Hours	Minimum Grade	Notes
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Upper Division Positive Psychology Elective 3 C

Upper Division Elective 3

Term hours subtotal: 6

- Choose an Upper Division Psychology Elective from the course list below.
- Apply for **full-time career opportunities**.

Term 10 - A 111 - 117 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Upper Division Positive Psychology Elective	3	C	• Choose an Upper Division Psychology Elective from the course list below.
Elective	3		
Term hours subtotal:	6		

Term 10 - B 117 - 120 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Positive Psychology Elective	3	C	• Choose an Upper Division Psychology Elective from the course list below.
Term hours subtotal:	3		

Hide Course List(s)/Track Group(s)

Upper Division Cognitive Science Focus Area	Positive Psychology Electives	Related Coursework Electives
PSY 320: Learning and Motivation	PSY 338: Emotional Intelligence	ASB Elective
PSY 323: Sensation and Perception	PSY 340: Psychology of Academic Motivation and Growth	ASM Elective
PSY 324: Memory and Cognition	PSY 370: Interpersonal Relationships (SB)	COM Elective
PSY 360: Cognitive Science	PSY 394: Childhood Trauma and Resilience	JHR Elective
PSY 434: Cognitive Psychology (L)	PSY 394: Psychology of Love and Intimacy	POS Elective
PSY 470: Psychopharmacology	PSY 462: Health Psychology	PSY Elective
	PSY 494: Optimal Psych: Multicultural Worldviews-Liberation	SBS Elective
	PSY 494: Psychology of Mindfulness	SOC Elective

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map




### Psychology (Positive Psychology), BS



School/College: [New College of Interdisciplinary Arts and Sciences](#)

Location: [West](#)

ASPGSPPBS

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 PSY 101: Introduction to Psychology (SB)	3	C	<ul style="list-style-type: none"> <li>Students may elect to take an MA course in Term 1 to prepare for MAT 170 in Term 2.</li> <li>ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-S satisfies this requirement.</li> <li>IAS 300 (three credit hours) is required for all transfer students in place of NEW 101-S.</li> <li>Select your <a href="#">Career Interest Communities</a> and play <a href="#">me3@ASU</a>.</li> <li>Activate your <a href="#">Handshake</a> account and build out your profile.</li> </ul>
ACO 100: All About Data: Design, Query, and Visualization (CS) OR CIS 105: Computer Applications and Information Technology (CS) OR CSE 180: Computer Literacy (CS) OR EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
NEW 101-S: The ASU New College Experience	1		
Cultural Diversity in the U.S. (C)	3		
Elective	3		
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 170: Precalculus (MA)	3	C	<ul style="list-style-type: none"> <li>Additional subjects may be used to fulfill the Related Coursework Elective requirement with academic advisor approval.</li> <li>Students are required to complete one Life Science lecture/lab course (BCH, BIO, FOR, LSC, or MIC - four credit hours) in addition to the General Studies Natural Science (SQ) and (SG) requirements (eight credit hours). PSY 290 may be used to fulfill the SG requirement.</li> <li>Create a first draft <a href="#">resume</a>.</li> <li>Join a <a href="#">student club</a> or professional organization.</li> <li>Secure a <a href="#">part-time job</a> or <a href="#">volunteer experience</a>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Related Coursework Elective	3	C	
Natural Science - Quantitative (SQ)	4		
Elective	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 32 - 47 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 PSY 230: Introduction to Statistics (CS)	3	C	<ul style="list-style-type: none"> <li>Develop your <a href="#">research skills</a>.</li> <li>Develop your <a href="#">professional skills</a>.</li> </ul>
Historical Awareness (H)	3		
Literacy and Critical Inquiry (L)	3		
Complete 2 courses:			
Elective	6		

❖ Complete First-Year Composition requirement.

.....  
 Complete Mathematics (MA) requirement.  
 .....

Term hours subtotal: 15

Term 4 47 - 63 Credit Hours <b>Critical course signified by</b> ❖	Hours	Minimum Grade	Notes
❖ PSY 290: Research Methods (L or SG)	4	C	<ul style="list-style-type: none"> <li>• Students are required to complete one Life Science lecture/lab course (BCH, BIO, FOR, LSC, or MIC - four credit hours) in addition to the General Studies Natural Science (SQ) and (SG) requirements (eight credit hours). PSY 290 may be used to fulfill the SG requirement.</li> <li>• Explore an <b>internship</b>, an <b>IGLE international experience</b> or <b>ASU Study Abroad</b>.</li> </ul>
Global Awareness (G)	3		
Humanities, Arts and Design (HU)	3		
Complete 2 courses:			
Elective	6		
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ PSY 330: Statistical Methods (CS)	3	C	<ul style="list-style-type: none"> <li>• IAS 300 (three credit hours) is required for all transfer students.</li> <li>• Upper division (C) and (G) courses used to fulfill the New College Proficiency - Languages and Cultures requirement may not also be used to fulfill the General Studies Awareness Areas (C) and (G) requirements.</li> <li>• Thinking about graduate school? Consider registering for a grad school <b>test prep course</b>.</li> <li>• Develop your <b>professional online presence</b>.</li> </ul>
★ Upper Division Cognitive Science Focus Area Course	3	C	
PSY 315: Personality Theory and Research (SB) OR PSY 341: Developmental Psychology (SB) OR PSY 350: Social Psychology (SB) OR PSY 366: Psychological Disorders (SB)	3	C	
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ PSY 335: Positive Psychology	3	C	<ul style="list-style-type: none"> <li>• Upper division (C) and (G) courses used to fulfill the New College Proficiency - Languages and Cultures requirement may not also be used to fulfill the General Studies Awareness Areas (C) and (G) requirements.</li> <li>• Use Handshake to research <b>employment opportunities</b>.</li> <li>• Complete an in person or virtual <b>practice interview</b>.</li> </ul>
PSY 315: Personality Theory and Research (SB) OR PSY 341: Developmental Psychology (SB) OR PSY 350: Social Psychology (SB) OR PSY 366: Psychological Disorders (SB) OR PSY 443: Child and Adolescent Psychological Disorders (L or SB)	3	C	
Upper Division Cognitive Science Focus Area Course	3	C	
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Upper Division Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ PSY 336: Applications of Positive Psychology	3	C	<ul style="list-style-type: none"> <li>Students are required to complete one Life Science lecture/lab course (BCH, BIO, FOR, LSC, or MIC - four credit hours) in addition to the General Studies Natural Science (SQ) and (SG) requirements (eight credit hours). PSY 290 may be used to fulfill the SG requirement.</li> <li>Positive Psychology Elective must be taken from the course lists below.</li> <li>Gather <b>professional references</b>.</li> </ul>
Upper Division Positive Psychology Elective	3	C	
Life Science Lecture and Lab Course	4	C	
Humanities, Arts and Design (HU)	3		
Elective	2		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Complete 2 courses:			<ul style="list-style-type: none"> <li>Positive Psychology Electives must be taken from the course lists below.</li> <li>Apply for <b>full-time career opportunities</b>.</li> </ul>
Upper Division Positive Psychology Elective	6	C	
Upper Division Elective OR PSY 484: Internship	3		
Elective	3		
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

Upper Division Cognitive Science Focus Area	Positive Psychology Electives	Related Coursework Electives
PSY 320: Learning and Motivation	PSY 338: Emotional Intelligence	ASB Elective
PSY 323: Sensation and Perception	PSY 340: Psychology of Academic Motivation and Growth	ASM Elective
PSY 324: Memory and Cognition	PSY 370: Interpersonal Relationships (SB)	COM Elective
PSY 325: Physiological Psychology	PSY 394: Childhood Trauma and Resilience	JHR Elective
PSY 360: Cognitive Science	PSY 394: Psychology of Love and Intimacy	POS Elective
PSY 369: Biology of Human Sexuality	PSY 462: Health Psychology	PSY Elective
PSY 434: Cognitive Psychology (L)	PSY 494: Optimal Psych: Multicultural Worldviews-Liberation	SBS Elective
PSY 470: Psychopharmacology	PSY 494: Psychology of Mindfulness	SOC Elective
Life Science Lecture and Lab Course		
BCH Elective		
BIO Elective		
FOR Elective		
LSC Elective		
MIC Elective		

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's

first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>

- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.









## 2023 - 2024 Major Map

### Psychology (Positive Psychology), BS

School/College: [New College of Interdisciplinary Arts and Sciences](#)




Location: [Online ASU Local](#)



ASPGSPPBS

Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 PSY 101: Introduction to Psychology (SB)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific First-Year Seminar is required of all first-year students. NEW 101 fulfills this requirement.</li> <li>SBS 300 (three credits) is required for all transfer students in place of NEW 101.</li> <li>Select your <a href="#">Career Interest Communities</a> and play <a href="#">me3@ASU</a>.</li> <li>Activate your <a href="#">Handshake</a> account and build out your profile.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
NEW 101: The ASU New College Experience	1		
Term hours subtotal:	7		
Term 1 - B 7 - 13 Credit Hours	Hours	Minimum Grade	Notes
ACO 100: All About Data: Design, Query, and Visualization (CS) OR CIS 105: Computer Applications and Information Technology (CS) OR CSE 180: Computer Literacy (CS) OR EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	3	C	<ul style="list-style-type: none"> <li>Students may elect to take an MA course in Term 1-B to prepare for MAT 170 in Term 2-A.</li> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	6		
Term 2 - A 13 - 20 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 170: Precalculus (MA)	3	C	<ul style="list-style-type: none"> <li>Psychology BS majors are required to complete one Life Science lecture/lab course (BCH, BIO, FOR, LSC, or MIC - four credit hours) in addition to the General Studies Natural Science (SQ) and (SG) requirements (eight credit hours). PSY 290 may be used to fulfill the SG requirement.</li> </ul>
Life Science Lecture and Lab Course	4	C	
Term hours subtotal:	7		
Term 2 - B 20 - 26 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
Historical Awareness (H)	3		<ul style="list-style-type: none"> <li>Create a first draft <a href="#">resume</a>.</li> </ul>
Elective	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			



Term hours subtotal: 6

Term 3 - A 26 - 33 Credit Hours	Hours	Minimum Grade	Notes
Literacy and Critical Inquiry (L)	3		<ul style="list-style-type: none"> <li>Psychology BS majors are required to complete one Life Science lecture/lab course (BCH, BIO, FOR, LSC, or MIC - four credit hours) in addition to the General Studies Natural Science (SQ) and (SG) requirements (eight credit hours). PSY 290 may be used to fulfill the SG requirement.</li> <li>Develop your <b>professional skills</b>.</li> </ul>
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	7		

Term 3 - B 33 - 39 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 PSY 230: Introduction to Statistics (CS)	3	C	
Humanities, Arts and Design (HU)	3		
 Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	6		

Term 4 - A 39 - 46 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 PSY 290: Research Methods (L or SG)	4	C	<ul style="list-style-type: none"> <li>Psychology BS majors are required to complete one Life Science lecture/lab course (BCH, BIO, FOR, LSC, or MIC - four credit hours) in addition to the General Studies Natural Science (SQ) and (SG) requirements (eight credit hours). PSY 290 may be used to fulfill the SG requirement.</li> <li>Explore an <b>IGLE international experience</b> or <b>ASU Study Abroad</b>.</li> </ul>
Global Awareness (G)	3		
Term hours subtotal:	7		

Term 4 - B 46 - 52 Credit Hours	Hours	Minimum Grade	Notes
Cultural Diversity in the U.S. (C)	3		
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	6		

Term 5 - A 52 - 58 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 PSY 330: Statistical Methods (CS)	3	C	
PSY 315: Personality Theory and Research (SB) OR PSY 341: Developmental Psychology (SB) OR PSY 350: Social Psychology (SB) OR PSY 366: Psychological Disorders (SB)	3	C	
Term hours subtotal:	6		

Term 5 - B 58 - 64 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Elective OR SBS 300: Careers in Psychology	3		<ul style="list-style-type: none"> <li>SBS 300 (three credit hours) is required for all transfer students in place of NEW 101.</li> </ul>
Elective	3		
Term hours subtotal:	6		

		Minimum	
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Term 6 - A 64 - 70 Credit Hours	Hours	Grade	Notes
Upper Division Cognitive Science Focus Area Course	3	C	<ul style="list-style-type: none"> <li>Upper division (C) and (G) courses used to fulfill the New College Proficiency - Languages and Cultures requirement may not also be used to fulfill the General Studies Awareness Areas (C) and (G) requirements.</li> </ul>
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Term hours subtotal:	6		

Term 6 - B 70 - 76 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
PSY 335: Positive Psychology	3	C	<ul style="list-style-type: none"> <li>Upper division (C) and (G) courses used to fulfill the New College Proficiency - Languages and Cultures requirement may not also be used to fulfill the General Studies Awareness Areas (C) and (G) requirements.</li> </ul>
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 76 - 82 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
PSY 315: Personality Theory and Research (SB) OR PSY 341: Developmental Psychology (SB) OR PSY 350: Social Psychology (SB) OR PSY 366: Psychological Disorders (SB) OR PSY 443: Child and Adolescent Psychological Disorders (L or SB)	3	C	<ul style="list-style-type: none"> <li>Thinking about graduate school? Consider registering for a grad school test prep course.</li> </ul>
Elective	3		
Term hours subtotal:	6		

Term 7 - B 82 - 88 Credit Hours	Hours	Minimum Grade	Notes
PSY 336: Applications of Positive Psychology	3	C	<ul style="list-style-type: none"> <li>Create your professional online presence.</li> </ul>
Elective	3		
Term hours subtotal:	6		

Term 8 - A 88 - 94 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Cognitive Science Focus Area Course	3	C	<ul style="list-style-type: none"> <li>Use Handshake to research employment opportunities.</li> </ul>
Elective	3		
Term hours subtotal:	6		

Term 8 - B 94 - 100 Credit Hours	Hours	Minimum Grade	Notes
Related Coursework Elective	3	C	<ul style="list-style-type: none"> <li>Additional subjects may be used to fulfill the Related Coursework requirement with academic advisor approval.</li> <li>Complete an in person or virtual practice interview.</li> </ul>
Elective	3		
Term hours subtotal:	6		

Term 9 - A 100 - 106 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Literacy and Critical Inquiry (L)	3	C	<ul style="list-style-type: none"> <li>Gather professional references.</li> </ul>
Elective	3		
Term hours subtotal:	6		

Term 9 - B 106 - 112 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Upper Division Positive Psychology Elective	3	C	<ul style="list-style-type: none"> <li>Upper Division Positive Psychology Elective must be taken from the course list below.</li> <li>Apply for full-time career opportunities.</li> </ul>
Upper Division Elective	3		
Term hours subtotal:	6		

Term 10 - A 112 - 120 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Complete 2 courses: Upper Division Positive Psychology Elective	6	C	<ul style="list-style-type: none"> <li>Upper Division Psychology Electives must be taken from the course list below.</li> </ul>
Elective	2		
Term hours subtotal:	8		

Hide Course List(s)/Track Group(s)

Upper Division Cognitive Science Focus Area	Positive Psychology Electives	Related Coursework Electives
PSY 320: Learning and Motivation	PSY 338: Emotional Intelligence	ASB Elective
PSY 323: Sensation and Perception	PSY 340: Psychology of Academic Motivation and Growth	ASM Elective
PSY 324: Memory and Cognition	PSY 370: Interpersonal Relationships (SB)	COM Elective
PSY 360: Cognitive Science	PSY 394: Childhood Trauma and Resilience	JHR Elective
PSY 434: Cognitive Psychology (L)	PSY 394: Psychology of Love and Intimacy	PSY Elective
PSY 470: Psychopharmacology	PSY 462: Health Psychology	SBS Elective
	PSY 494: Optimal Psych: Multicultural Worldviews-Liberation	SOC Elective
	PSY 494: Psychology of Mindfulness	
Life Science Lecture and Lab Course		
BCH Elective		
BIO Elective		
FOR Elective		
LSC Elective		
MIC Elective		

Notes:

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- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.









## 2023 - 2024 Major Map



### Social Justice and Human Rights, BA



School/College: New College of Interdisciplinary Arts and Sciences





Location: West




ASJHRBA

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 JHR 100: Introduction to Social Justice and Human Rights (SB & G)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101-S meets this requirement.</li> <li>IAS 300 is required by all transfer students in place of NEW 101-S.</li> <li>Select your <b>Career Interest Communities</b> and play <b>me3@ASU</b>.</li> <li>Activate your <b>Handshake</b> account and build out your profile.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
NEW 101-S: The ASU New College Experience	1		
Historical Awareness (H)	3		
Mathematics (MA) ( MAT 142 recommended)	3	C	
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	16		
Term 2 16 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR			<ul style="list-style-type: none"> <li>Create a first draft <b>resume</b>.</li> <li>Join a <b>student club</b> or professional organization.</li> <li>Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> </ul>
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Cultural Diversity in the U.S. (C)	3		
Humanities, Arts and Design (HU)	3		
Natural Science - Quantitative (SQ)	4		
Elective	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		
Term 3 32 - 47 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 Law, Citizenship, Borders Interdisciplinary Track Course	3	C	<ul style="list-style-type: none"> <li>Select and complete nine credit hours from each of three interdisciplinary tracks below.</li> <li>Develop your <b>research skills</b>.</li> <li>Develop your <b>professional skills</b>.</li> </ul>
Computer/Statistics/Quantitative Applications (CS)	3		
Literacy and Critical Inquiry (L)	3		
Complete 2 courses:			
Elective	6		
 Complete First-Year Composition requirement.			
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	15		

Term 4 47 - 63 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 Identity and Place Interdisciplinary Track Course	3	C	<ul style="list-style-type: none"> <li>• Select and complete nine credit hours from each of three interdisciplinary tracks below.</li> <li>• Explore an <b>internship</b>, <b>IGLE international experience</b>, or <b>ASU Study Abroad</b>.</li> </ul>
Humanities, Arts and Design (HU)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Complete 2 courses:			
Elective	6		
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 SBS 302: Qualitative Methods OR SBS 303: Quantitative Methods OR SBS 304: Social Statistics I (CS)	3	C	<ul style="list-style-type: none"> <li>• Select and complete nine credit hours from each of three interdisciplinary tracks below.</li> <li>• IAS 300 (3 credit hours) is required for all transfer students.</li> <li>• Thinking about graduate school? Consider registering for a grad school <b>test prep course</b>.</li> <li>• Develop your <b>professional online presence</b>.</li> </ul>
Upper Division Identity and Place Interdisciplinary Track Course	3	C	
Social Justice and Inequality Interdisciplinary Track Course	3	C	
Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3		
Upper Division Elective	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 JHR 305: Theory and Practice of Social Justice and Human Rights (SB & G)	3	C	<ul style="list-style-type: none"> <li>• Use Handshake to research <b>employment opportunities</b>.</li> <li>• Complete an in person or virtual <b>practice interview</b>.</li> </ul>
 SBS 302: Qualitative Methods OR SBS 303: Quantitative Methods OR SBS 304: Social Statistics I (CS)	3	C	
Upper Division Law, Citizenship, Borders Interdisciplinary Track Course	3	C	
Upper Division Social Justice and Inequality Interdisciplinary Track Course	3	C	
Upper Division Elective	3		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 Upper Division Law, Citizenship, Borders Interdisciplinary Track Course	3	C	<ul style="list-style-type: none"> <li>• Gather <b>professional references</b>.</li> </ul>
 Upper Division Social Justice and Inequality Interdisciplinary Track Course	3	C	
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Complete 2 courses:			
Elective	6		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ JHR 493: Honors Thesis OR JHR 484: Internship OR JHR 485: Social Justice and Human Rights Capstone OR SBS 498: Pro-Seminar (L)	3	C	• Apply for full-time career opportunities.
Upper Division Identity and Place Interdisciplinary Track Course	3	C	
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	12		

- Complete nine credit hours from each of three interdisciplinary tracks below for a total of 27 credit hours. Eighteen credit hours must be upper-division. No single course can be used to fulfill multiple track requirements.

Hide Course List(s)/Track Group(s)

Social Justice and Inequality Interdisciplinary	Law, Citizenship, Borders Interdisciplinary	Identity and Place Interdisciplinary
ASB 339: Grassroots Social Movements (SB) or POS 339: Grassroots Social Movements (SB) or SBS 339: Grassroots Social Movements (SB) or SOC 339: Grassroots Social Movements (SB)	ASB 340: Migration and Culture (SB & G) or SOC 328: Migration and Culture (SB & G)	ASB 211: Women in Other Cultures ((HU or SB) & G)
ETH 380: Race, Gender, and Class (SB & C) or WST 380: Race, Gender, and Class (SB & C)	ASB 447: Citizenship, Nationalism and Identity (SB & C & G) or POS 447: Citizenship, Nationalism and Identity (SB & C & G) or SBS 447: Citizenship, Nationalism and Identity (SB & C & G)	ASB 394: World Languages and Identity or ENG 394: World Languages and Identity or JHR 394: World Languages and Identity
HST 441: Latin America and the World Economy (L & G & H) or LAS 441: Latin America and the World Economy (L & G & H)	JHR 425: The Politics of Immigration	ETH 430: Gender on the Borderlands (SB & G) or LAS 430: Gender on the Borderlands (SB & G) or WST 430: Gender on the Borderlands (SB & G)
JHR 294: Human Rights & Data	JHR 494: International Law and Human Rights	ETH 433: Race and Sexualities in Social Justice Movements or JHR 433: Race and Sexualities in Social Justice Movements or WST 433: Race and Sexualities in Social Justice Movements
JHR 378: Poverty, Inequality and Social Justice in Latin America	PAX 230: Introduction to Peace Studies (G)	ETH 473: Indigenous and Latina/Chicana Representation (SB & C) or LAS 473: Indigenous and Latina/Chicana Representation (SB & C) or WST 473: Indigenous and Latina/Chicana Representation (SB & C)
POS 342: Political Theory (HU or SB)	POS 110: American Government and Politics (SB) or POS 310: American National Government (SB)	FOR 449: Latin American Cinema: The Dead and the Disappeared (G & H) or JHR 494: Latin American Cinema: The Dead & Disappeared or LAS 449: Latin American Cinema: The Dead and the Disappeared (G & H) or SPA 449: Latin American Cinema: The Dead and the Disappeared (G & H)
POS 446: Democracy (HU)	POS 160: Global Politics (SB & G) or POS 360: World Politics (SB & G)	
POS 480: Global Justice (G) or SBS 480: Global Justice (G)	POS 210: Political Ideologies (SB)	
POS 494: Everyday Forms of Political Resistance	POS 361: American Foreign Policy (SB & G)	
SBS 301: Cultural Diversity ((L or SB) & C)	POS 465: International Organization and Law (SB & G)	
SOC 331: Environmental Sociology (SB & G)		
SOC 352: Social Change (SB & G & H)		HST 376: Modern Latin America (SB & G & H) or LAS 376: Modern Latin America (SB & G & H)
SOC 426: Social Inequalities (SB)		JHR 394: Human Rights in the Global South
		JHR 494: Political Representation in Latin America
		POS 150: Comparative Government (SB & G)



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POS 247: Introduction to Latin American Politics (SB & G)

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POS 350: Comparative Politics (SB & G)

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POS 357: South Asia Politics (SB & G)

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POS 361: American Foreign Policy (SB & G)

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POS 437: Women, Power, and Politics (G) or  
SOC 437: Women, Power, and Politics (G)

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SOC 264: Sociology of Gender (SB & C)

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SOC 270: Sociology of Race and Ethnicity (SB & C)

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WST 428: Gender, Madness and Justice (SB)

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**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.







## 2023 - 2024 Major Map




### Social Justice and Human Rights, BA

School/College: [New College of Interdisciplinary Arts and Sciences](#)



Location: [Online ASU Local](#)



ASJHRBA



Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 JHR 100: Introduction to Social Justice and Human Rights (SB & G)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101 satisfies this requirement.</li> <li>IAS 300 (three credit hours) is required for all transfer students in place of NEW 101.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
NEW 101: The ASU New College Experience	1		
Term hours subtotal:	7		
Term 1 - B 7 - 13 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR			<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> </ul>
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Mathematics (MA) ( MAT 142 recommended)	3	C	
Term hours subtotal:	6		
Term 2 - A 13 - 19 Credit Hours	Hours	Minimum Grade	Notes
Humanities, Arts and Design (HU)	3		<ul style="list-style-type: none"> <li>Review the <a href="#">Career Guide for ASU Online students</a> to learn about available career planning resources.</li> </ul>
Elective	3		
Term hours subtotal:	6		
Term 2 - B 19 - 26 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
Natural Science - Quantitative (SQ)	4		<ul style="list-style-type: none"> <li>Create a first draft <a href="#">resume</a>.</li> </ul>
Elective	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	7		
Term 3 - A 26 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 Identity and Place Interdisciplinary Track Course	3	C	<ul style="list-style-type: none"> <li>Select and complete nine credit hours from each of three interdisciplinary tracks below.</li> </ul>
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	6		
		Minimum	



<b>Term 3 - B 32 - 39 Credit Hours</b> Critical course signified by 	<b>Hours</b>	<b>Grade</b>	<b>Notes</b>
Historical Awareness (H)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
 Complete First-Year Composition requirement.			
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	7		




<b>Term 4 - A 39 - 45 Credit Hours</b>	<b>Hours</b>	<b>Minimum Grade</b>	<b>Notes</b>
Social Justice and Inequality Interdisciplinary Track Course	3	C	
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	6		



<b>Term 4 - B 45 - 51 Credit Hours</b> Critical course signified by 	<b>Hours</b>	<b>Minimum Grade</b>	<b>Notes</b>
 Law, Citizenship, Borders Interdisciplinary Track Course	3	C	
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	6		

<b>Term 5 - A 51 - 57 Credit Hours</b> Necessary course signified by 	<b>Hours</b>	<b>Minimum Grade</b>	<b>Notes</b>
 Upper Division Law, Citizenship, Borders Interdisciplinary Track Course	3	C	• IAS 300 (three credit hours) is required for all transfer students in place of NEW 101.
Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3		
Term hours subtotal:	6		

<b>Term 5 - B 57 - 63 Credit Hours</b> Necessary course signified by 	<b>Hours</b>	<b>Minimum Grade</b>	<b>Notes</b>
 SBS 303: Quantitative Methods OR SBS 304: Social Statistics I (CS)	3	C	
Elective	3		
Term hours subtotal:	6		

<b>Term 6 - A 63 - 69 Credit Hours</b> Necessary course signified by 	<b>Hours</b>	<b>Minimum Grade</b>	<b>Notes</b>
 JHR 305: Theory and Practice of Social Justice and Human Rights (SB & G)	3	C	
Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	6		

<b>Term 6 - B 69 - 75 Credit Hours</b> Necessary course signified by 	<b>Hours</b>	<b>Minimum Grade</b>	<b>Notes</b>
 SBS 303: Quantitative Methods OR SBS 304: Social Statistics I (CS)	3	C	
Elective	3		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

<b>Term 7 - A 75 - 81 Credit Hours</b> Necessary course signified by 	<b>Hours</b>	<b>Minimum Grade</b>	<b>Notes</b>
 Upper Division Social Justice and Inequality Interdisciplinary Track Course	3	C	

Upper Division Elective	3
Term hours subtotal:	6

- Thinking about graduate school? Consider registering for a grad school **test prep course**.

Term 7 - B 81 - 87 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	• Create your <b>professional online presence</b> .
Elective	3		
Term hours subtotal:	6		

Term 8 - A 87 - 93 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Upper Division Identity and Place Interdisciplinary Track Course	3	C	• Use Handshake to research <b>employment opportunities</b> .
Upper Division Elective	3		
Term hours subtotal:	6		

Term 8 - B 93 - 99 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Upper Division Law, Citizenship, Borders Interdisciplinary Track Course	3	C	• Complete an in person or virtual <b>practice interview</b> .
Elective	3		
Term hours subtotal:	6		

Term 9 - A 99 - 105 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Upper Division Identity and Place Interdisciplinary Track Course	3	C	• Gather <b>professional references</b> .
Elective	3		
Term hours subtotal:	6		

Term 9 - B 105 - 111 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ JHR 485: Social Justice and Human Rights Capstone OR JHR 493: Honors Thesis	3	C	• Apply for <b>full-time career opportunities</b> .
Elective	3		
Term hours subtotal:	6		

Term 10 - A 111 - 120 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Upper Division Social Justice and Inequality Interdisciplinary Track Course	3	C	
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	9		

- Complete nine credit hours from each of three interdisciplinary tracks below for a total of 27 credit hours. Eighteen credit hours must be upper-division. No single course can be used to fulfill multiple track requirements.

Hide Course List(s)/Track Group(s)

Social Justice and Inequality Interdisciplinary	Law, Citizenship, Borders Interdisciplinary	Identity and Place Interdisciplinary
ASB 339: Grassroots Social Movements (SB) or POS 339: Grassroots Social Movements (SB)	ASB 340: Migration and Culture (SB & G) or SOC 328: Migration and Culture (SB & G)	JHR 394: Human Rights in the Global South
JHR 294: Human Rights & Data	JHR 425: The Politics of Immigration	JHR 394: World Languages and Identity
JHR 378: Poverty, Inequality and Social Justice in Latin America	JHR 494: International Law and Human Rights	JHR 433: Race and Sexualities in Social Justice Movements
POS 446: Democracy (HU)	PAX 230: Introduction to Peace Studies (G)	JHR 494: Political Representation in Latin America
SOC 352: Social Change (SB & G & H)	POS 110: American Government and Politics (SB) or POS 310: American National Government (SB)	POS 150: Comparative Government (SB & G)
WST 380: Race, Gender, and Class (SB & C)	POS 160: Global Politics (SB & G) or POS 360: World Politics (SB & G)	POS 350: Comparative Politics (SB & G)
	POS 210: Political Ideologies (SB)	POS 361: American Foreign Policy (SB & G)
	POS 361: American Foreign Policy (SB & G)	SOC 264: Sociology of Gender (SB & C)
	POS 465: International Organization and Law (SB & G)	

**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.










## 2023 - 2024 Major Map

### Social and Behavioral Sciences, BA

School/College: New College of Interdisciplinary Arts and Sciences

Location: West

ASSBSBA

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes	
 Introductory Social and Behavioral Science Course AND Social-Behavioral Sciences (SB)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-S satisfies this requirement.</li> <li>IAS 300 (3 credits) is required for all transfer students in place of NEW 101-S.</li> <li>Select your <b>Career Interest Communities</b> and play <b>me3@ASU</b>.</li> <li>Activate your <b>Handshake</b> account and build out your profile.</li> </ul>	
ENG 101 or ENG 102: First-Year Composition OR				
ENG 105: Advanced First-Year Composition OR	3	C		
ENG 107 or ENG 108: First-Year Composition				
NEW 101-S: The ASU New College Experience	1			
Humanities, Arts and Design (HU)	3			
Mathematics (MA)	3	C		
Elective	3			
Term hours subtotal:	16			
Term 2 16 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes	
 Program Elective	3	C	<ul style="list-style-type: none"> <li>Create a first draft <b>resume</b>.</li> <li>Join a <b>student club</b> or professional organization</li> <li>Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> </ul>	
ENG 101 or ENG 102: First-Year Composition OR				
ENG 105: Advanced First-Year Composition OR	3	C		
ENG 107 or ENG 108: First-Year Composition				
Historical Awareness (H)	3			
Natural Science - Quantitative (SQ)	4			
Elective	3			
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).				
Term hours subtotal:	16			
Term 3 32 - 47 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes	
 SBS 200: Introduction to Social and Behavioral Sciences (SB)	3	C	<ul style="list-style-type: none"> <li>Develop your <b>research skills</b>.</li> <li>Develop your <b>professional skills</b>.</li> </ul>	
Computer/Statistics/Quantitative Applications (CS)	3			
Humanities, Arts and Design (HU)	3			
Literacy and Critical Inquiry (L)	3			
Elective	3			
 Complete First-Year Composition requirement.				
 Complete Mathematics (MA) requirement.				
Term hours subtotal:	15			

Term 4 47 - 63 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
⚠ SBS 302: Qualitative Methods	3	C	<ul style="list-style-type: none"> <li>Explore an <b>internship</b>, <b>IGLE international experience</b>, or <b>ASU Study Abroad</b>.</li> </ul>
Program Elective	3	C	
Global Awareness (G)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Elective	3		
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ SBS 301: Cultural Diversity ((L or SB) & C)	3	C	<ul style="list-style-type: none"> <li>IAS 300 (3 credit hours) is required for all transfer students.</li> <li>Completion of SBS 301 in Term 5 and the Upper Division Language and Cultures course in Term 7 fulfills the New College Upper Division Language and Cultures requirement.</li> <li>Develop your <b>professional online presence</b>.</li> <li>Thinking about graduate school? Consider registering for a grad school <b>test prep course</b>.</li> </ul>
SBS 303: Quantitative Methods OR SBS 304: Social Statistics I (CS)	3	C	
Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3		
Cultural Diversity in the U.S. (C)	3		
Elective	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ SBS 484: Internship OR SBS 498: Pro-Seminar (L)	3	C	<ul style="list-style-type: none"> <li>Use Handshake to research <b>employment opportunities</b>.</li> <li>Complete an in person or virtual <b>practice interview</b>.</li> </ul>
★ Upper Division Program Elective	3	C	
Complete 2 courses: Upper Division Elective	6		
Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Upper Division Program Elective	3	C	<ul style="list-style-type: none"> <li>Completion of SBS 301 in Term 5 and Upper Division Language and Cultures course in Term 7 fulfills the New College Upper Division Language and Cultures requirement.</li> <li>Gather <b>professional references</b>.</li> </ul>
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Complete 2 courses: Upper Division Elective	6		
Elective	3		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Upper Division Program Elective	3	C	



Complete 2 courses:	
Upper Division Elective	6
Elective	3
Term hours subtotal:	12

- Apply for full-time career opportunities.

- Program Electives: A minimum of 9 credit hours must be taken from courses offered by the New College of Interdisciplinary Arts and Sciences. Up to 6 credit hours of 484 Internship and 499 Individualized Instruction may be applied toward the major. Program elective requirements may be partially fulfilled by completion of a Certificate in Applied Social Sciences, Diversity and Equity Studies, or Power and Society.

Hide Course List(s)/Track Group(s)

Introductory Social and Behavioral Science Course	Program Electives
ASB 102: Introduction to Cultural Anthropology (SB & G)	ASB Elective
COM 100: Introduction to Human Communication (SB)	COM Elective
JHR 100: Introduction to Social Justice and Human Rights (SB & G)	JHR Elective
POS 110: American Government and Politics (SB)	POS Elective
PSY 101: Introduction to Psychology (SB)	PSY Elective
SOC 101: Introductory Sociology (SB)	SBS Elective
SOS 111: Sustainable Cities ((HU or SB) & G)	SOC Elective

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum  
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.











## 2023 - 2024 Major Map

### Social and Behavioral Sciences, BS

School/College: [New College of Interdisciplinary Arts and Sciences](#)

Location: [West](#)

ASSBSBS

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 Introductory Social and Behavioral Science Course AND Social-Behavioral Sciences (SB)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-S satisfies this requirement.</li> <li>IAS 300 (3 credits) is required for all transfer students in place of NEW 101-S.</li> <li>Select your <a href="#">Career Interest Communities</a> and play <a href="#">me3@ASU</a>.</li> <li>Activate your <a href="#">Handshake</a> account and build out your profile.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
NEW 101-S: The ASU New College Experience	1		
Humanities, Arts and Design (HU)	3		
Mathematics (MA)	3	C	
Elective	3		
Term hours subtotal:	16		
Term 2 16 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 Program Elective	3	C	<ul style="list-style-type: none"> <li>Create a first draft <a href="#">resume</a>.</li> <li>Join a <a href="#">student club</a> or professional organization.</li> <li>Secure a <a href="#">part-time job</a> or <a href="#">volunteer experience</a>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Historical Awareness (H)	3		
Natural Science - Quantitative (SQ)	4		
Elective	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		
Term 3 32 - 47 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 SBS 200: Introduction to Social and Behavioral Sciences (SB)	3	C	<ul style="list-style-type: none"> <li>Develop your <a href="#">research skills</a>.</li> <li>Develop your <a href="#">professional skills</a>.</li> </ul>
 SBS 304: Social Statistics I (CS)	3	C	
Humanities, Arts and Design (HU)	3		
Literacy and Critical Inquiry (L)	3		
Elective	3		
 Complete First-Year Composition requirement.			
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	15		

Term 4 47 - 63 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
⚠ SBS 302: Qualitative Methods	3	C	<ul style="list-style-type: none"> <li>Explore an <b>internship</b>, <b>IGLE international experience</b>, or <b>ASU Study Abroad</b>.</li> </ul>
Program Elective	3	C	
Global Awareness (G)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Elective	3		
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ SBS 301: Cultural Diversity ((L or SB) & C)	3	C	<ul style="list-style-type: none"> <li>IAS 300 (3 credit hours) is required for all transfer students.</li> <li>Completion of SBS 301 in Term 5 and the Upper Division Language and Cultures course in Term 7 fulfills the New College Upper Division Language and Cultures requirement.</li> <li>Develop your <b>professional online presence</b>.</li> <li>Thinking about graduate school? Consider registering for a grad school <b>test prep course</b>.</li> </ul>
★ SBS 303: Quantitative Methods	3	C	
Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3		
Cultural Diversity in the U.S. (C)	3		
Elective	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ SBS 484: Internship OR SBS 498: Pro-Seminar (L)	3	C	<ul style="list-style-type: none"> <li>Use Handshake to research <b>employment opportunities</b>.</li> <li>Complete an in person or virtual <b>practice interview</b>.</li> </ul>
★ Upper Division Program Elective	3	C	
Complete 2 courses: Upper Division Elective	6		
Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Upper Division Program Elective	3	C	<ul style="list-style-type: none"> <li>Completion of SBS 301 in Term 5 and Upper Division Language and Cultures course in Term 7 fulfills the New College Upper Division Language and Cultures requirement.</li> <li>Gather <b>professional references</b>.</li> </ul>
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Complete 2 courses: Upper Division Elective	6		
Elective	3		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Upper Division Program Elective	3	C	

Upper Division Elective	3
Complete 2 courses: Elective	6
Term hours subtotal:	12

- Apply for full-time career opportunities.

- Program Electives: A minimum of 9 credit hours must be taken from courses offered by the New College of Interdisciplinary Arts and Sciences. Up to 6 credit hours of 484 Internship and 499 Individualized Instruction may be applied toward the major. Program elective requirements may be partially fulfilled by completion of a Certificate in Applied Social Sciences, Diversity and Equity Studies, or Power and Society.

Hide Course List(s)/Track Group(s)

Introductory Social and Behavioral Science Course	Program Electives
ASB 102: Introduction to Cultural Anthropology (SB & G)	ASB Elective
COM 100: Introduction to Human Communication (SB)	COM Elective
JHR 100: Introduction to Social Justice and Human Rights (SB & G)	JHR Elective
POS 110: American Government and Politics (SB)	POS Elective
PSY 101: Introduction to Psychology (SB)	PSY Elective
SOC 101: Introductory Sociology (SB)	SBS Elective
SOS 111: Sustainable Cities ((HU or SB) & G)	SOC Elective

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum  
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.











## 2023 - 2024 Major Map

### Social and Cultural Analysis (American Studies), BA

School/College: New College of Interdisciplinary Arts and Sciences



Location: West



ASSCAASBA




Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-H satisfies this requirement.</li> <li>IAS 300 is required for all transfer students in place of NEW 101-H.</li> <li>Select your <b>Career Interest Communities</b> and play <b>me3@ASU</b>.</li> <li>Activate your <b>Handshake</b> account and build out your profile.</li> </ul>
NEW 101-H: The ASU New College Experience	1		
Global Awareness (G)	3		
Humanities, Arts and Design (HU)	3		
Mathematics (MA) ( MAT 142 recommended)	3	C	
Elective	3		
Term hours subtotal:	16		
Term 2 16 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>Students may elect to take AMS 201, ETH 100, PAX 230, or WST 100 in Term 3 depending on course availability. For questions, speak with an academic advisor.</li> <li>Create a first draft <b>resume</b>.</li> <li>Join a <b>student club</b> or professional organization.</li> <li>Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> </ul>
AMS 201: Introduction to American Studies (L & C) OR ETH 100: Ethnic and Indigenous Lives (SB & C) OR PAX 230: Introduction to Peace Studies (G) OR WST 100: Women, Gender, and Society (SB & C)	3	C	
Humanities, Arts and Design (HU)	3		
Natural Science - Quantitative (SQ)	4		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		
Term 3 32 - 47 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 HRC 200: Introduction to Social and Cultural Analysis (SB & C)	3	C	<ul style="list-style-type: none"> <li>Develop your <b>research skills</b>.</li> <li>Develop your <b>professional skills</b>.</li> </ul>
Computer/Statistics/Quantitative Applications (CS)	3		
Historical Awareness (H)	3		
Complete 2 courses: Elective	6		
 Complete AMS 201 OR ETH 100 OR PAX 230 OR WST 100 course(s).  Complete Mathematics (MA) requirement.			



Complete First-Year Composition requirement.

Term hours subtotal: 15

Term 4 47 - 63 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 American Studies Concentration Course	3	C	<ul style="list-style-type: none"> <li>Explore an <b>internship</b>, <b>IGLE international experience</b>, or <b>ASU Study Abroad</b>.</li> </ul>
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Social-Behavioral Sciences (SB)	3		
Elective	3		
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 HRC 310: Social and Cultural Analysis: Method and Theory (C)	3	C	<ul style="list-style-type: none"> <li>HRC 310 (C) fulfills three credit hours of the New College Language and Cultures requirement.</li> <li>IAS 300 (three credit hours) is required for all transfer students.</li> <li>Thinking about graduate school? Consider registering for a <b>grad school test prep course</b>.</li> <li>Develop your <b>professional online presence</b>.</li> </ul>
<i>Complete 2 courses:</i>	6	C	
Upper Division American Studies Concentration Course			
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3		
Elective	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 <i>Complete 2 courses:</i>	6	C	<ul style="list-style-type: none"> <li>Use Handshake to research <b>employment opportunities</b>.</li> <li>Complete an in person or virtual <b>practice interview</b>.</li> </ul>
Upper Division American Studies Concentration Course			
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
<i>Complete 2 courses:</i>	6		
Upper Division Elective			
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 Upper Division American Studies Concentration Course	3	C	<ul style="list-style-type: none"> <li>Gather <b>professional references</b>.</li> </ul>
Upper Division Elective OR IAS 484: Internship	3		
<i>Complete 3 courses:</i>	9		
Elective			
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
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★ HRC 480: Capstone: Practices and Approaches (L)	3	C
<i>Complete 2 courses:</i>		
Upper Division American Studies Concentration Course	6	C
Upper Division Elective	3	
Term hours subtotal:	12	

- Apply for full-time career opportunities.

- For the American Studies Concentration requirement, choose 24 credit hours (eight courses) from the course list below; 21 credit hours must be upper division.

Hide Course List(s)/Track Group(s)

American Studies Concentration Course
AMS 201: Introduction to American Studies (L & C)
AMS 276: U.S. Women's Movements (H & C)
AMS 326: Popular Culture
AMS 330: American Lives (HU & C)
AMS 332: Studies in Race and Ethnicity
AMS 334: Class in America (SB) or ETH 333: Class in America (SB) or WST 334: Class in America (SB)
AMS 336: The American Southwest in Literature and Film ((L or HU) & C)
AMS 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C)
AMS 354: African American Literature: Harlem Renaissance to the Present ((L or HU) & C)
AMS 380: Race, Gender, and Class (SB & C)
AMS 412: Studies in American Politics and Law (H)
AMS 428: Peoples and Cultures of the American West, to 1848 (SB & H)
AMS 449: Hate Speech, Manifestos, and Radical Writings (SB & C)
AMS 450: Latina/os, Schooling and Social Inequality (C)
AMS 469: Abject Bodies and the Politics of Trash (SB & C)
ENG 337: Major American Novels (L or HU)
FOR 454: History of Genocide (G & H) or HST 454: History of Genocide (G & H) or REL 454: History of Genocide (G & H)

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HST 320: U.S. Urban History since 1850 (SB & H)

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HST 413: Contemporary America ((L or SB) & H)

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HST 419: 20th Century Chicano/a History (C)

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REL 321: Religion in America ((L or HU) & C & H)

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**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment score** determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.




## 2023 - 2024 Major Map




### Social and Cultural Analysis (Ethnicity, Race and Indigenous Studies), BA





School/College: New College of Interdisciplinary Arts and Sciences

Location: West

ASSCAERBA

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-H satisfies this requirement.</li> <li>IAS 300 is required for all transfer students in place of NEW 101-H.</li> <li>Select your <b>Career Interest Communities</b> and play <b>me3@ASU</b>.</li> <li>Activate your <b>Handshake</b> account and build out your profile.</li> </ul>
NEW 101-H: The ASU New College Experience	1		
Global Awareness (G)	3		
Humanities, Arts and Design (HU)	3		
Mathematics (MA) ( MAT 142 recommended)	3	C	
Elective	3		
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>Students may elect to take AMS 201, ETH 100, PAX 230, or WST 100 in Term 3 depending on course availability. For questions, speak with an academic advisor.</li> <li>Create a first draft <b>resume</b>.</li> <li>Join a <b>student club</b> or professional organization.</li> <li>Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> </ul>
AMS 201: Introduction to American Studies (L & C) OR ETH 100: Ethnic and Indigenous Lives (SB & C) OR PAX 230: Introduction to Peace Studies (G) OR WST 100: Women, Gender, and Society (SB & C)	3	C	
Humanities, Arts and Design (HU)	3		
Natural Science - Quantitative (SQ)	4		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 32 - 47 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 HRC 200: Introduction to Social and Cultural Analysis (SB & C)	3	C	<ul style="list-style-type: none"> <li>Develop your <b>research skills</b>.</li> <li>Develop your <b>professional skills</b>.</li> </ul>
Computer/Statistics/Quantitative Applications (CS)	3		
Historical Awareness (H)	3		
Complete 2 courses: Elective	6		
 Complete AMS 201 OR ETH 100 OR PAX 230 OR WST 100 course(s).			
 Complete Mathematics (MA) requirement.			

Complete First-Year Composition requirement.

Term hours subtotal: 15

Term 4 47 - 63 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
⚠ Ethnicity, Race and Indigenous Studies Concentration Course	3	C	<ul style="list-style-type: none"> <li>Explore an <b>internship</b>, <b>IGLE international experience</b>, or <b>ASU Study Abroad</b>.</li> </ul>
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Social-Behavioral Sciences (SB)	3		
Elective	3		
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ HRC 310: Social and Cultural Analysis: Method and Theory (C)	3	C	<ul style="list-style-type: none"> <li>HRC 310 (C) fulfills three credit hours of the New College Language and Cultures requirement.</li> <li>IAS 300 (three credit hours) is required for all transfer students.</li> <li>Thinking about graduate school? Consider registering for a <b>grad school test prep course</b>.</li> <li>Develop your <b>professional online presence</b>.</li> </ul>
<i>Complete 2 courses:</i>			
Upper Division Ethnicity, Race and Indigenous Studies Concentration Course	6	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3		
Elective	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
<i>Complete 2 courses:</i>			<ul style="list-style-type: none"> <li>Use Handshake to research <b>employment opportunities</b>.</li> <li>Complete an in person or virtual <b>practice interview</b>.</li> </ul>
★ Upper Division Ethnicity, Race and Indigenous Studies Concentration Course	6	C	
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
<i>Complete 2 courses:</i>	6		
Upper Division Elective			
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Upper Division Ethnicity, Race and Indigenous Studies Concentration Course	3	C	<ul style="list-style-type: none"> <li>Gather <b>professional references</b>.</li> </ul>
Upper Division Elective OR IAS 484: Internship	3		
<i>Complete 3 courses:</i>	9		
Elective			
Term hours subtotal:	15		

		Minimum	
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Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Grade	Notes
★ HRC 480: Capstone: Practices and Approaches (L)	3	C	• Apply for full-time career opportunities.
<i>Complete 2 courses:</i>			
Upper Division Ethnicity, Race and Indigenous Studies Concentration Course	6	C	
Upper Division Elective	3		
Term hours subtotal:		12	

- For the Ethnicity, Race and Indigenous Studies Concentration requirement, choose 24 credit hours (eight courses) from the course list below; 21 credit hours must be upper division.

Hide Course List(s)/Track Group(s)

Ethnicity, Race, and Indigneous Studies Concentration
ENG 317: Cross-Cultural Writing ((L or HU) & G)
ENG 420: Multicultural Autobiographies ((L or HU) & C)
ENG 462: Africana Literature (HU & G)
ENG 463: African American Literature
ETH 100: Ethnic and Indigenous Lives (SB & C)
ETH 334: The American Southwest in Literature and Film ((L or HU) & C)
ETH 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C)
ETH 354: African American Literature: Harlem Renaissance to the Present ((L or HU) & C)
ETH 380: Race, Gender, and Class (SB & C)
ETH 428: Peoples and Cultures of the American West, to 1848 (SB & H)
ETH 430: Gender on the Borderlands (SB & G)
ETH 433: Race and Sexualities in Social Justice Movements or WST 433: Race and Sexualities in Social Justice Movements
ETH 449: Hate Speech, Manifestos, and Radical Writings (SB & C)
ETH 450: Latina/os, Schooling and Social Inequality (C)

ETH 469: Abject Bodies and the Politics of  
Trash (SB & C)

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ETH 473: Indigenous and Latina/Chicana  
Representation (SB & C)

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HST 419: 20th Century Chicano/a History (C)  
or LAS 419: 20th Century Chicano/a History  
(C)

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SBS 301: Cultural Diversity ((L or SB) & C)

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**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)












First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

## 2023 - 2024 Major Map

### Social and Cultural Analysis (Latin American Studies), BA

School/College: [New College of Interdisciplinary Arts and Sciences](#)  
 ASSCALABA

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-H satisfies this requirement.</li> <li>IAS 300 is required for all transfer students in place of NEW 101-H.</li> <li>Select your <b>Career Interest Communities</b> and play <b>me3@ASU</b>.</li> <li>Activate your <b>Handshake</b> account and build out your profile.</li> </ul>
NEW 101-H: The ASU New College Experience	1		
Global Awareness (G)	3		
Humanities, Arts and Design (HU)	3		
Mathematics (MA) ( MAT 142 recommended)	3	C	
Elective	3		
Term hours subtotal:	16		
Term 2 16 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>Students may elect to take AMS 201, ETH 100, PAX 230, or WST 100 in Term 3 depending on course availability. For questions, speak with an academic advisor.</li> <li>Create a first draft <b>resume</b>.</li> <li>Join a <b>student club</b> or professional organization.</li> <li>Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> </ul>
AMS 201: Introduction to American Studies (L & C) OR ETH 100: Ethnic and Indigenous Lives (SB & C) OR PAX 230: Introduction to Peace Studies (G) OR WST 100: Women, Gender, and Society (SB & C)	3	C	
Humanities, Arts and Design (HU)	3		
Natural Science - Quantitative (SQ)	4		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		
Term 3 32 - 47 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 HRC 200: Introduction to Social and Cultural Analysis (SB & C)	3	C	<ul style="list-style-type: none"> <li>Develop your <b>research skills</b>.</li> <li>Develop your <b>professional skills</b>.</li> </ul>
Computer/Statistics/Quantitative Applications (CS)	3		
Historical Awareness (H)	3		
Complete 2 courses: Elective	6		
Complete AMS 201 OR ETH 100 OR PAX 230 OR WST 100 course(s).			
 Complete Mathematics (MA) requirement.  Complete First-Year Composition requirement.			
Term hours subtotal:	15		
Term 4 47 - 63 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes

📌 Latin American Studies Concentration Course	3	C
Literacy and Critical Inquiry (L)	3	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4	
Social-Behavioral Sciences (SB)	3	
Elective	3	
Term hours subtotal:	16	

- Explore an internship, IGLE international experience, or ASU Study Abroad.

Term 5 63 - 78 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ HRC 310: Social and Cultural Analysis: Method and Theory (C)	3	C
Complete 2 courses:		
Upper Division Latin American Studies Concentration Course	6	C
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3	
Elective	3	
Term hours subtotal:	15	

- HRC 310 (C) fulfills three credit hours of the New College Language and Cultures requirement.
- IAS 300 (three credit hours) is required for all transfer students.
- Thinking about graduate school? Consider registering for a grad school test prep course.
- Develop your professional online presence.

Term 6 78 - 93 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ Complete 2 courses:	6	C
Upper Division Latin American Studies Concentration Course		
Upper Division Language and Cultures: Requirement satisfied through the following:		
* Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C
Complete 2 courses:	6	
Upper Division Elective		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
Term hours subtotal:	15	

- Use Handshake to research employment opportunities.
- Complete an in person or virtual practice interview.

Term 7 93 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ Upper Division Latin American Studies Concentration Course	3	C
Upper Division Elective OR LAS 484: Internship	3	
Complete 3 courses:	9	
Elective		
Term hours subtotal:	15	

- Gather professional references.

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ HRC 480: Capstone: Practices and Approaches (L)	3	C
Complete 2 courses:		
Upper Division Latin American Studies Concentration Course	6	C
Upper Division Elective	3	
Term hours subtotal:	12	

- Apply for full-time career opportunities



- For the Latin American Studies Concentration requirement, choose 24 credit hours (eight courses) from the course list below; 21 credit hours must be upper division.

Hide Course List(s)/Track Group(s)

Latin American Studies Concentration

LAS 205: Deep Roots: Latin America (HU & G)

LAS 206: Locating Latin America: Interdisciplinary Methods

LAS 330: From the Inside: The Latin American Journey (HU)

LAS 340: Latin American Women Writers (HU & G)

LAS 350: The Construction of a Nation: Chile in the 20th/21st Century

LAS 351: Cityscapes: Urban Mexican Literature and Culture

LAS 355: Contemporary Mexican Cinema: Changing Cartographies

LAS 375: Colonial Latin America (SB & H)

LAS 376: Modern Latin America (SB & G & H)

LAS 404: Conquest and Encounters in Colonial Latin America (L & G)

LAS 419: 20th Century Chicano/a History (C)

LAS 428: Peoples and Cultures of the American West, to 1848 (SB & H)

LAS 430: Gender on the Borderlands (SB & G)

LAS 441: Latin America and the World Economy (L & G & H)

LAS 450: Latina/os, Schooling and Social Inequality (C)

LAS 471: Treaties and Cultural Production in Spain and the Americas

LAS 473: Indigenous and Latina/Chicana Representation (SB & C)

LAS 480: Current Trends in Theatre and New Media in Latin America and Spain (HU)

LAS 481: Dictatorships and Dirty Wars: Latin American Cinema from Resistance to Reconciliation (HU & G)

**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to

ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit:

<https://cisa.asu.edu/DSP>

- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.











## 2023 - 2024 Major Map

### Social and Cultural Analysis (Peace Studies), BA

School/College: New College of Interdisciplinary Arts and Sciences



Location: West



ASSCAPSBA




Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-H satisfies this requirement.</li> <li>IAS 300 is required for all transfer students in place of NEW 101-H.</li> <li>Select your <b>Career Interest Communities</b> and play <b>me3@ASU</b>.</li> <li>Activate your <b>Handshake</b> account and build out your profile.</li> </ul>
NEW 101-H: The ASU New College Experience	1		
Global Awareness (G)	3		
Humanities, Arts and Design (HU)	3		
Mathematics (MA) ( MAT 142 recommended)	3	C	
Elective	3		
Term hours subtotal:	16		
Term 2 16 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>Students may elect to take AMS 201, ETH 100, PAX 230, or WST 100 in Term 3 depending on course availability. For questions, speak with an academic advisor.</li> <li>Create a first draft <b>resume</b>.</li> <li>Join a <b>student club</b> or professional organization.</li> <li>Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> </ul>
AMS 201: Introduction to American Studies (L & C) OR ETH 100: Ethnic and Indigenous Lives (SB & C) OR PAX 230: Introduction to Peace Studies (G) OR WST 100: Women, Gender, and Society (SB & C)	3	C	
Humanities, Arts and Design (HU)	3		
Natural Science - Quantitative (SQ)	4		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		
Term 3 32 - 47 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 HRC 200: Introduction to Social and Cultural Analysis (SB & C)	3	C	<ul style="list-style-type: none"> <li>Develop your <b>research skills</b>.</li> <li>Develop your <b>professional skills</b>.</li> </ul>
Computer/Statistics/Quantitative Applications (CS)	3		
Historical Awareness (H)	3		
Complete 2 courses:	6		
Elective			
 Complete AMS 201 OR ETH 100 OR PAX 230 OR WST 100 course(s).			
 Complete Mathematics (MA) requirement.			



Complete First-Year Composition requirement.

Term hours subtotal: 15

Term 4 47 - 63 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 Peace Studies Concentration Course	3	C	<ul style="list-style-type: none"> <li>Explore an <b>internship</b>, <b>IGLE international experience</b>, or <b>ASU Study Abroad</b>.</li> </ul>
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Social-Behavioral Sciences (SB)	3		
Elective	3		
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 HRC 310: Social and Cultural Analysis: Method and Theory (C)	3	C	<ul style="list-style-type: none"> <li>HRC 310 (C) fulfills three credit hours of the New College Language and Cultures requirement.</li> <li>IAS 300 (three credit hours) is required for all transfer students.</li> <li>Thinking about graduate school? Consider registering for a <b>grad school test prep course</b>.</li> <li>Develop your <b>professional online presence</b>.</li> </ul>
Complete 2 courses:	6	C	
Upper Division Peace Studies Concentration Course			
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3		
Elective	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 Complete 2 courses:	6	C	<ul style="list-style-type: none"> <li>Use Handshake to research <b>employment opportunities</b>.</li> <li>Complete an in person or virtual <b>practice interview</b>.</li> </ul>
Upper Division Peace Studies Concentration Course			
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Complete 2 courses:	6		
Upper Division Elective			
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 Upper Division Peace Studies Concentration Course	3	C	<ul style="list-style-type: none"> <li>Gather <b>professional references</b>.</li> </ul>
Upper Division Elective OR IAS 484: Internship	3		
Complete 3 courses:	9		
Elective			
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
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❖ Complete Mathematics (MA) requirement.

Complete First-Year Composition requirement.

Term hours subtotal: 15

Term 4 47 - 63 Credit Hours <b>Critical course signified by</b> ❖	Hours	Minimum Grade	Notes
❖ Queer and Sexuality Studies Concentration Course	3	C	<ul style="list-style-type: none"> <li>Explore an <b>internship</b>, <b>IGLE international experience</b>, or <b>ASU Study Abroad</b>.</li> </ul>
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Social-Behavioral Sciences (SB)	3		
Elective	3		
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ HRC 310: Social and Cultural Analysis: Method and Theory (C)	3	C	<ul style="list-style-type: none"> <li>HRC 310 (C) fulfills three credit hours of the New College Language and Cultures requirement.</li> <li>IAS 300 (three credit hours) is required for all transfer students.</li> <li>Thinking about graduate school? Consider registering for a grad school <b>test prep course</b>.</li> <li>Develop your <b>professional online presence</b>.</li> </ul>
Complete 2 courses:			
Upper Division Queer and Sexuality Studies Concentration Course	6	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3		
Elective	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Complete 2 courses:			<ul style="list-style-type: none"> <li>Use Handshake to research <b>employment opportunities</b>.</li> <li>Complete an in person or virtual <b>practice interview</b>.</li> </ul>
Upper Division Queer and Sexuality Studies Concentration Course	6	C	
Upper Division Language and Cultures: Requirement satisfied through the following:			
* Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Complete 2 courses:			
Upper Division Elective	6		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Upper Division Queer and Sexuality Studies Concentration Course	3	C	<ul style="list-style-type: none"> <li>Gather <b>professional references</b>.</li> </ul>
Upper Division Elective OR WST 484: Internship	3		
Complete 3 courses:			
Elective	9		
Term hours subtotal:	15		

		Minimum	
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**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map



### Social and Cultural Analysis (Queer and Sexuality Studies), BA




School/College: New College of Interdisciplinary Arts and Sciences

Location: West

ASSCAQSBA

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-H satisfies this requirement.</li> <li>IAS 300 is required for all transfer students in place of NEW 101-H.</li> <li>Select your <b>Career Interest Communities</b> and play <b>me3@ASU</b>.</li> <li>Activate your <b>Handshake</b> account and build out your profile.</li> </ul>
NEW 101-H: The ASU New College Experience	1		
Global Awareness (G)	3		
Humanities, Arts and Design (HU)	3		
Mathematics (MA) ( MAT 142 recommended)	3	C	
Elective	3		
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>Students may elect to take AMS 201, ETH 100, PAX 230, or WST 100 in Term 3 depending on course availability. For questions, speak with an academic advisor.</li> <li>Create a first draft <b>resume</b>.</li> <li>Join a <b>student club</b> or professional organization.</li> <li>Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> </ul>
AMS 201: Introduction to American Studies (L & C) OR ETH 100: Ethnic and Indigenous Lives (SB & C) OR PAX 230: Introduction to Peace Studies (G) OR WST 100: Women, Gender, and Society (SB & C)	3	C	
Humanities, Arts and Design (HU)	3		
Natural Science - Quantitative (SQ)	4		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 32 - 47 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 HRC 200: Introduction to Social and Cultural Analysis (SB & C)	3	C	<ul style="list-style-type: none"> <li>Develop your <b>research skills</b>.</li> <li>Develop your <b>professional skills</b>.</li> </ul>
Computer/Statistics/Quantitative Applications (CS)	3		
Historical Awareness (H)	3		
Complete 2 courses:	6		
Elective			
 Complete AMS 201 OR ETH 100 OR PAX 230 OR WST 100 course(s).			

❖ Complete Mathematics (MA) requirement.

Complete First-Year Composition requirement.

Term hours subtotal: 15

Term 4 47 - 63 Credit Hours Critical course signified by ❖	Hours	Minimum Grade	Notes
❖ Queer and Sexuality Studies Concentration Course	3	C	<ul style="list-style-type: none"> <li>Explore an <a href="#">internship</a>, <a href="#">IGLE international experience</a>, or <a href="#">ASU Study Abroad</a>.</li> </ul>
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Social-Behavioral Sciences (SB)	3		
Elective	3		
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HRC 310: Social and Cultural Analysis: Method and Theory (C)	3	C	<ul style="list-style-type: none"> <li>HRC 310 (C) fulfills three credit hours of the New College Language and Cultures requirement.</li> <li>IAS 300 (three credit hours) is required for all transfer students.</li> <li>Thinking about graduate school? Consider registering for a grad school <a href="#">test prep course</a>.</li> <li>Develop your <a href="#">professional online presence</a>.</li> </ul>
Complete 2 courses:			
Upper Division Queer and Sexuality Studies Concentration Course	6	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3		
Elective	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Complete 2 courses:			<ul style="list-style-type: none"> <li>Use Handshake to research <a href="#">employment opportunities</a>.</li> <li>Complete an in person or virtual <a href="#">practice interview</a>.</li> </ul>
Upper Division Queer and Sexuality Studies Concentration Course	6	C	
Upper Division Language and Cultures: Requirement satisfied through the following:			
* Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Complete 2 courses:			
Upper Division Elective	6		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Queer and Sexuality Studies Concentration Course	3	C	<ul style="list-style-type: none"> <li>Gather <a href="#">professional references</a>.</li> </ul>
Upper Division Elective OR WST 484: Internship	3		
Complete 3 courses:			
Elective	9		
Term hours subtotal:	15		

		Minimum	
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Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Grade	Notes
★ HRC 480: Capstone: Practices and Approaches (L)	3	C	• Apply for full-time career opportunities.>
<i>Complete 2 courses:</i>			
Upper Division Queer and Sexuality Studies Concentration Course	6	C	
Upper Division Elective	3		
Term hours subtotal:	12		

- For the Queer and Sexuality Studies Concentration requirement, choose 24 credit hours (eight courses) from the course list below; 21 credit hours must be upper division.
- If WST 100 is taken in Term 2, WST 100 and WST 300 may not be taken as Concentration Courses.

Hide Course List(s)/Track Group(s)

Queer and Sexuality Studies Concentration

AMS 276: U.S. Women's Movements (H & C)  
or WST 276: U.S. Women's Movements (H & C)

AMS 334: Class in America (SB) or ETH 333:  
Class in America (SB) or WST 334: Class in  
America (SB)

ENG 443: Gender, Culture and Literacy or  
WST 415: Gender, Culture and Literacy

ETH 433: Race and Sexualities in Social  
Justice Movements or WST 433: Race and  
Sexualities in Social Justice Movements

SWU 180: Introduction to Lesbian, Gay,  
Bisexual and Transgender (LGBT) Studies  
(SB & C)

WST 100: Women, Gender, and Society (SB  
& C) or WST 300: Women and Gender in  
Contemporary Society (SB & C)

WST 333: Critical Perspectives on Sexuality  
(SB & C)

WST 376: Feminist Theory (H & C)

WST 380: Race, Gender, and Class (SB & C)

WST 413: Queer Studies (HU & C)

WST 428: Gender, Madness and Justice (SB)

WST 444: Gender, Health, and Bodies (SB)

WST 449: Hate Speech, Manifestos, and  
Radical Writings (SB & C)

WST 457: Women, Cultures, and Societies  
(SB & G)

WST 469: Abject Bodies and the Politics of  
Trash (SB & C)

**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.




## 2023 - 2024 Major Map




### Social and Cultural Analysis (Women and Gender Studies), BA





School/College: New College of Interdisciplinary Arts and Sciences

Location: West

ASSCAWSBA



Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-H satisfies this requirement.</li> <li>IAS 300 is required for all transfer students in place of NEW 101-H.</li> <li>Select your <b>Career Interest Communities</b> and play <b>me3@ASU</b>.</li> <li>Activate your <b>Handshake</b> account and build out your profile.</li> </ul>
NEW 101-H: The ASU New College Experience	1		
Global Awareness (G)	3		
Humanities, Arts and Design (HU)	3		
Mathematics (MA) ( MAT 142 recommended)	3	C	
Elective	3		
Term hours subtotal:	16		



Term 2 16 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>Students may elect to take AMS 201, ETH 100, PAX 230, or WST 100 in Term 3 depending on course availability. For questions, speak with an academic advisor.</li> <li>Create a first draft <b>resume</b>.</li> <li>Join a <b>student club</b> or professional organization.</li> <li>Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> </ul>
AMS 201: Introduction to American Studies (L & C) OR ETH 100: Ethnic and Indigenous Lives (SB & C) OR PAX 230: Introduction to Peace Studies (G) OR WST 100: Women, Gender, and Society (SB & C)	3	C	
Humanities, Arts and Design (HU)	3		
Natural Science - Quantitative (SQ)	4		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		




Term 3 32 - 47 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 HRC 200: Introduction to Social and Cultural Analysis (SB & C)	3	C	<ul style="list-style-type: none"> <li>Develop your <b>research skills</b>.</li> <li>Develop your <b>professional skills</b>.</li> </ul>
Computer/Statistics/Quantitative Applications (CS)	3		
Historical Awareness (H)	3		
Complete 2 courses: Elective	6		
 Complete AMS 201 OR ETH 100 OR PAX 230 OR WST 100 course(s).			
 Complete Mathematics (MA) requirement.			


Complete First-Year Composition requirement.

Term hours subtotal: 15

Term 4 47 - 63 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 Women and Gender Studies Concentration Course	3	C	<ul style="list-style-type: none"> <li>Explore an <b>internship</b>, <b>IGLE international experience</b>, or <b>ASU Study Abroad</b>.</li> </ul>
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Social-Behavioral Sciences (SB)	3		
Elective	3		
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 HRC 310: Social and Cultural Analysis: Method and Theory (C)	3	C	<ul style="list-style-type: none"> <li>HRC 310 (C) fulfills three credit hours of the New College Language and Cultures requirement.</li> <li>IAS 300 (three credit hours) is required for all transfer students.</li> <li>Thinking about graduate school? Consider registering for a <b>grad school test prep course</b>.</li> <li>Develop your <b>professional online presence</b>.</li> </ul>
Complete 2 courses:	6	C	
Upper Division Women and Gender Studies Concentration Course			
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3		
Elective	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 Complete 2 courses:	6	C	<ul style="list-style-type: none"> <li>Use Handshake to research <b>employment opportunities</b>.</li> <li>Complete an in person or virtual <b>practice interview</b>.</li> </ul>
Upper Division Women and Gender Studies Concentration Course			
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Complete 2 courses:	6		
Upper Division Elective			
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 Upper Division Women and Gender Studies Concentration Course	3	C	<ul style="list-style-type: none"> <li>Gather <b>professional references</b>.</li> </ul>
Upper Division Elective OR WST 484: Internship	3		
Complete 3 courses:	9		
Elective			
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
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★ HRC 480: Capstone: Practices and Approaches (L)	3	C
<i>Complete 2 courses:</i>		
Upper Division Women and Gender Studies Concentration Course	6	C
Upper Division Elective	3	
Term hours subtotal:	12	

- Apply for full-time career opportunities.

- For the Women and Gender Studies Concentration requirement, choose 24 credit hours (eight courses) from the course list below; 21 credit hours must be upper division.

#### Hide Course List(s)/Track Group(s)

##### Women and Gender Studies Concentration

AMS 334: Class in America (SB) or ETH 333: Class in America (SB) or WST 334: Class in America (SB)

ENG 220: Gender, Media and Culture (HU & C) or WST 220: Gender, Media and Culture (HU & C)

ENG 336: Women, Film and Culture (SB & C) or WST 330: Women, Film and Culture (SB & C)

ENG 364: Women and Literature (HU)

ENG 443: Gender, Culture and Literacy or WST 415: Gender, Culture and Literacy

ENG 454: Gender and Literature (L or HU) or WST 454: Gender and Literature (L or HU)

HST 328: Women in U.S. History, 1880-1980 ((HU or SB) & C & H)

SBS 301: Cultural Diversity ((L or SB) & C)

WST 100: Women, Gender, and Society (SB & C) or WST 300: Women and Gender in Contemporary Society (SB & C)

WST 276: U.S. Women's Movements (H & C)

WST 333: Critical Perspectives on Sexuality (SB & C)

WST 341: Latin American Women Writers (HU & G) or LAS 340: Latin American Women Writers (HU & G)

WST 370: Chronicling Women's Lives (HU & C)

WST 376: Feminist Theory (H & C)

WST 380: Race, Gender, and Class (SB & C)

WST 390: Women, Gender and Religion (HU & G)

WST 428: Gender, Madness and Justice (SB)

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WST 430: Gender on the Borderlands (SB & G) or ETH 430: Gender on the Borderlands (SB & G) or LAS 430: Gender on the Borderlands (SB & G)

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WST 433: Race and Sexualities in Social Justice Movements or ETH 433: Race and Sexualities in Social Justice Movements

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WST 444: Gender, Health, and Bodies (SB)

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WST 449: Hate Speech, Manifestos, and Radical Writings (SB & C)

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WST 457: Women, Cultures, and Societies (SB & G)

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WST 469: Abject Bodies and the Politics of Trash (SB & C)

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WST 473: Indigenous and Latina/Chicana Representation (SB & C)

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**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

## 2023 - 2024 Major Map

### Sociology, BA

School/College: New College of Interdisciplinary Arts and Sciences

Location: West, ASU at Lake Havasu

ASSOCBA

Term 1 0 - 16 Credit Hours Critical course signified by ⚠	Hours	Minimum Grade	Notes
⚠ SOC 101: Introductory Sociology (SB)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101-S satisfies this requirement.</li> <li>IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101-S.</li> <li>Select your <b>Career Interest Communities</b> and play <b>me3@ASU</b>.</li> <li>Activate your <b>Handshake</b> account and build out your profile.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
NEW 101-S: The ASU New College Experience	1		
Humanities, Arts and Design (HU)	3		
Mathematics (MA) ( MAT 142 recommended)	3	C	
Elective	3		
Term hours subtotal:	16		
Term 2 16 - 32 Credit Hours Critical course signified by ⚠	Hours	Minimum Grade	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>Create a first draft <b>resume</b>.</li> <li>Join a <b>student club</b> or professional organization.</li> <li>Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> </ul>
SOC Elective	3	C	
Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB)	3		
Elective	3		
⚠ Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		
Term 3 32 - 47 Credit Hours Critical course signified by ⚠	Hours	Minimum Grade	Notes
Upper Division Related Area Course	3	C	<ul style="list-style-type: none"> <li>Develop your <b>research skills</b>.</li> <li>Develop your <b>professional skills</b>.</li> </ul>
Historical Awareness (H)	3		
Humanities, Arts and Design (HU)	3		
Literacy and Critical Inquiry (L)	3		
Elective	3		
⚠ Complete First-Year Composition requirement.			
⚠ Complete Mathematics (MA) requirement.			
Term hours subtotal:	15		
		Minimum	

Term 4 47 - 63 Credit Hours <b>Critical course signified by</b> 🚩	Hours	Grade	Notes
🚩 Related Area Course	3	C	<ul style="list-style-type: none"> <li>Explore an <b>internship</b>, an <b>IGLE</b> <b>international experience</b>, or <b>ASU Study Abroad</b>.</li> </ul>
Cultural Diversity in the U.S. (C)	3		
Global Awareness (G)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	3		
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours <b>Necessary course signified by</b> ⭐	Hours	Minimum Grade	Notes
⭐ SBS 304: Social Statistics I (CS)	3	C	<ul style="list-style-type: none"> <li>IAS 300 (3 credit hours) is required for all transfer students.</li> <li>Up to 6 credit hours of 484 Internship and/or 499 Individualized Instructions may apply toward the related area courses.</li> <li>SOC 484 and SOC 499 do not apply as sociology electives.</li> <li>Thinking about graduate school? Consider registering for a grad school <b>test prep course</b>.</li> <li>Develop your <b>professional online presence</b>.</li> </ul>
Upper Division Related Area Course	3	C	
SOC Upper Division Elective	3	C	
Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3		
Elective	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours <b>Necessary course signified by</b> ⭐	Hours	Minimum Grade	Notes
SBS 302: Qualitative Methods	3	C	<ul style="list-style-type: none"> <li>Use Handshake to research <b>employment opportunities</b>.</li> <li>Complete an in person or virtual <b>practice interview</b>.</li> </ul>
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Complete 2 courses: Upper Division Elective	6		
Elective	3		
⭐ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours <b>Necessary course signified by</b> ⭐	Hours	Minimum Grade	Notes
⭐ SOC 426: Social Inequalities (SB) OR SOC 483: Sociological Theories (L or SB)	3	C	<ul style="list-style-type: none"> <li>Up to 6 credit hours of 484 Internship and/or 499 Individualized Instructions may apply toward the related area courses.</li> <li>SOC 484 and SOC 499 do not apply as sociology electives.</li> <li>Gather <b>professional references</b>.</li> </ul>
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Upper Division Related Area Course	3	C	



SOC Upper Division Elective	3	C
Upper Division Elective	3	
Term hours subtotal:		15

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ SOC Upper Division Elective	3	C	<ul style="list-style-type: none"> <li>• SOC 484 and SOC 499 do not apply as sociology electives.</li> <li>• Apply for full-time career opportunities.</li> </ul>
Upper Division Elective OR SOC 484: Internship	3		
Complete 2 courses: Elective	6		
Term hours subtotal:		12	

Hide Course List(s)/Track Group(s)

Related Area Courses
ASB Elective
JHR Elective
POS Elective
PSY Elective
SBS Elective
SOC Elective

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.








## 2023 - 2024 Major Map



### Sociology, BS



School/College: [New College of Interdisciplinary Arts and Sciences](#)



Location: [West](#)



ASSOCBS

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 SOC 101: Introductory Sociology (SB)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. NEW 101-S satisfies this requirement.</li> <li>IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101-S.</li> <li>Select your <a href="#">Career Interest Communities</a> and play <a href="#">me3@ASU</a>.</li> <li>Activate your <a href="#">Handshake</a> account and build out your profile.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
NEW 101-S: The ASU New College Experience	1		
Humanities, Arts and Design (HU)	3		
Mathematics (MA) ( MAT 142 recommended)	3	C	
Elective	3		
Term hours subtotal:	16		
Term 2 16 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>Create a first draft <a href="#">resume</a>.</li> <li>Join a <a href="#">student club</a> or professional organization.</li> <li>Secure a <a href="#">part-time job</a> or <a href="#">volunteer experience</a>.</li> </ul>
SOC Elective	3	C	
Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB)	3		
Elective	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		
Term 3 32 - 47 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
Upper Division Related Area Course	3	C	<ul style="list-style-type: none"> <li>Develop your <a href="#">research skills</a>.</li> <li>Develop your <a href="#">professional skills</a>.</li> </ul>
Historical Awareness (H)	3		
Humanities, Arts and Design (HU)	3		
Literacy and Critical Inquiry (L)	3		
Elective	3		
 Complete First-Year Composition requirement.			
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	15		
		<b>Minimum</b>	

Term 4 47 - 63 Credit Hours <b>Critical course signified by</b> 	Hours	Grade	Notes
 Related Area Course	3	C	<ul style="list-style-type: none"> <li>Explore an <b>internship</b>, an <b>IGLE</b> <b>international experience</b>, or <b>ASU Study Abroad</b>.</li> </ul>
Cultural Diversity in the U.S. (C)	3		
Global Awareness (G)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Elective	3		
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 SBS 304: Social Statistics I (CS)	3	C	<ul style="list-style-type: none"> <li>IAS 300 (3 credit hours) is required for all transfer students.</li> <li>Up to 6 credit hours of 484 Internship and/or 499 Individualized Instructions may apply toward the related area courses.</li> <li>SOC 484 and SOC 499 do not apply as sociology electives.</li> <li>Thinking about graduate school? Consider registering for a grad school <b>test prep course</b>.</li> <li>Develop your <b>professional online presence</b>.</li> </ul>
Upper Division Related Area Course	3	C	
SOC Upper Division Elective	3	C	
Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3		
Elective	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
SBS 303: Quantitative Methods	3	C	<ul style="list-style-type: none"> <li>Use Handshake to research <b>employment opportunities</b>.</li> <li>Complete an in person or virtual <b>practice interview</b>.</li> </ul>
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Complete 2 courses: Upper Division Elective	6		
Elective	3		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 SOC 426: Social Inequalities (SB) OR SOC 483: Sociological Theories (L or SB)	3	C	<ul style="list-style-type: none"> <li>Up to 6 credit hours of 484 Internship and/or 499 Individualized Instructions may apply toward the related area courses.</li> <li>SOC 484 and SOC 499 do not apply as sociology electives.</li> <li>Gather <b>professional references</b>.</li> </ul>
Upper Division Language and Cultures: Requirement satisfied through the following: * Completion of six semester hours of upper-division courses that have a Global Awareness (G) or Cultural Diversity (C) designation, in addition to the courses used to meet the University General Studies requirements or four (4) sequential semesters of one foreign language or two (2) semesters of a current computer language. Adjustment to upper division hours is required if lower division courses are used.	3	C	
Upper Division Related Area Course	3	C	

SOC Upper Division Elective	3	C
Upper Division Elective	3	
Term hours subtotal:		15

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ SOC Upper Division Elective	3	C	<ul style="list-style-type: none"> <li>• SOC 484 and SOC 499 do not apply as sociology electives.</li> <li>• Apply for full-time career opportunities.</li> </ul>
Upper Division Elective OR SOC 484: Internship	3		
Complete 2 courses:			
Elective	6		
Term hours subtotal:		12	

Hide Course List(s)/Track Group(s)

Related Area Courses
ASB Elective
JHR Elective
POS Elective
PSY Elective
SBS Elective
SOC Elective

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.







## 2023 - 2024 Major Map

### Spanish, BA

School/College: [New College of Interdisciplinary Arts and Sciences](#)

Location: [West](#)

ASSPABA

Term 1 0 - 14 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 SPA 102: Elementary Spanish II (G)	4	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-H satisfies this requirement.</li> <li>IAS 300 (3 credits) is required for all transfer students in place of NEW 101-H.</li> <li>SPA 101 is for true beginners, is considered introductory, does not count toward the major, and taking it will extend the amount of time to degree completion. See academic advisor for more information.</li> <li>Select your <a href="#">Career Interest Communities</a> and play <a href="#">me3@ASU</a>.</li> <li>Activate your <a href="#">Handshake</a> account and build out your profile.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
NEW 101-H: The ASU New College Experience	1		
Cultural Diversity in the U.S. (C)	3		
Mathematics (MA) ( MAT 142 recommended)	3	C	
Term hours subtotal:	14		
Term 2 14 - 31 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 SPA 201: Intermediate Spanish (G)	4	C	<ul style="list-style-type: none"> <li>Create a first draft <a href="#">resume</a>.</li> <li>Join a <a href="#">student club</a> or professional organization.</li> <li>Secure a <a href="#">part-time job</a> or <a href="#">volunteer experience</a>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Historical Awareness (H)	3		
Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	17		
Term 3 31 - 47 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 SPA 202: Intermediate Spanish (G)	4	C	<ul style="list-style-type: none"> <li>Develop your <a href="#">research skills</a>.</li> <li>Develop your <a href="#">professional skills</a>.</li> </ul>
Computer/Statistics/Quantitative Applications (CS)	3		
Humanities, Arts and Design (HU)	3		
Social-Behavioral Sciences (SB)	3		
Elective	3		

🚩 Complete First-Year Composition requirement.

🚩 Complete Mathematics (MA) requirement.

Term hours subtotal: 16

Term 4 47 - 63 Credit Hours <b>Critical course signified by</b> 🚩	Hours	Minimum Grade	Notes
🚩 SPA 313: Spanish Conversation and Composition (G) OR SPA 315: Advanced Spanish I for Bilinguals (C)	3	C	• Explore an internship, an IGLE international experience, or ASU Study Abroad.
Related Area Elective	3	C	
Literacy and Critical Inquiry (L)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Elective	3		
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours <b>Necessary course signified by</b> ⭐	Hours	Minimum Grade	Notes
⭐ SPA 314: Spanish Conversation and Composition (G) OR SPA 316: Advanced Spanish II for Bilinguals (L & C)	3	C	• IAS 300 (3 credit hours) is required for all transfer students. • Thinking about graduate school? Consider registering for a grad school <b>test prep</b> course. • Develop your <b>professional online</b> presence.
SPA 325: Introduction to Hispanic Literature (HU)	3	C	
Upper Division Spanish Culture and Civilization Course	3	C	
Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3		
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours <b>Necessary course signified by</b> ⭐	Hours	Minimum Grade	Notes
Upper Division Spanish Culture and Civilization Course	3	C	• Use Handshake to research <b>employment</b> opportunities. • Complete an in person or virtual <b>practice</b> interview.
Upper Division Spanish Literature Course	3	C	
Related Area Elective	3	C	
Upper Division Elective	3		
Elective	3		
⭐ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours <b>Necessary course signified by</b> ⭐	Hours	Minimum Grade	Notes
⭐ Upper Division Spanish Literature Course	3	C	• Gather <b>professional</b> references.
Upper Division Spanish Culture and Civilization Course	3	C	
Complete 2 courses: Related Area Elective	6	C	
Upper Division Elective	3		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours <b>Necessary course signified by</b> ⭐	Hours	Minimum Grade	Notes
⭐ Upper Division Spanish Culture and Civilization Course	3	C	• Apply for full-time career opportunities.
⭐ Complete 2 courses: Upper Division Spanish Literature Course	6	C	



Term hours subtotal: 12

- Literature: choose 12 hours (four courses)
- Spanish Culture and Civilization: choose 12 hours (four courses). Courses taught in English will require all written work in Spanish for major credit.
- Related Area Electives: total of 12 hours (four courses). Choose from SPA, LAS or Related Area Electives List. Other courses must be approved by an academic advisor.

## Hide Course List(s)/Track Group(s)

Upper Division Spanish Literature Courses	Upper Division Spanish Culture and Civilization Courses	Related Area Electives
LAS 340: Latin American Women Writers (HU & G)	LAS 355: Contemporary Mexican Cinema: Changing Cartographies	ASB 356: Central American Studies (SB & G) or SBS 356: Central American Studies (SB & G) or SOC 356: Central American Studies (SB & G) or POS 354: Central American Studies (SB & G)
LAS 351: Cityscapes: Urban Mexican Literature and Culture	LAS 394: Global Central America: Markets, Migrations, Media or SPA 394: Global Central America: Markets, Migrations, Media	ENG 334: The American Southwest in Literature and Film ((L or HU) & C)
SPA 425: Understanding Spain: Literature and Culture Before 1700 (L or HU)	LAS 394: Special Topics	ENG 363: Transborder Mexican and Chicano/a Literature of Southwest North America ((L or HU) & C)
SPA 426: Literature and Society in Modern Spain (HU)	LAS 449: Latin American Cinema: The Dead and the Disappeared (G & H) or SPA 449: Latin American Cinema: The Dead and the Disappeared (G & H)	HST 324: Food in Latin America (SB & G & H) or LAS 324: Food in Latin America (SB & G & H)
SPA 427: Colonial and Postcolonial Latin American Literature (L or HU)	LAS 471: Treaties and Cultural Production in Spain and the Americas	LAS 205: Deep Roots: Latin America (HU & G)
SPA 428: Foundational Texts of Latin American Literature Since Modernismo ((L or HU) & G)	LAS 480: Current Trends in Theatre and New Media in Latin America and Spain (HU)	LAS 206: Locating Latin America: Interdisciplinary Methods
SPA 429: Writing Mexico: Major Texts ((L or HU) & G)	LAS 481: Dictatorships and Dirty Wars: Latin American Cinema from Resistance to Reconciliation (HU & G) or SPA 481: Dictatorships and Dirty Wars: Latin American Cinema from Resistance to Reconciliation (HU & G)	LAS 340: Latin American Women Writers (HU & G)
SPA 434: Drama of the Golden Age	LAS 494: Special Topics	LAS 350: The Construction of a Nation: Chile in the 20th/21st Century
SPA 464: JaitÃ³n Works in Chicano/a Literature ((HU or SB) & C)	SPA 394: Special Topics	LAS 351: Cityscapes: Urban Mexican Literature and Culture
SPA 487: Chicano/a Drama: Pachucos, Vendidos y Cerezitas (C)	SPA 471: Civilization of the Indohispanomexicano Southwest ((L or HU) & C)	LAS 355: Contemporary Mexican Cinema: Changing Cartographies
	SPA 472: Latin American Society: Five Case Studies (HU & H & G)	LAS 375: Colonial Latin America (SB & H)
	SPA 473: Old and New Spaniards: Culture and Civilization of Spain ((HU or SB) & G)	LAS 376: Modern Latin America (SB & G & H)
	SPA 474: Revolutionary Mexico and Postmodern Revisions ((L or HU) & G)	LAS 404: Conquest and Encounters in Colonial Latin America (L & G)
	SPA 494: Special Topics	LAS 419: 20th Century Chicano/a History (C)
		LAS 428: Peoples and Cultures of the American West, to 1848 (SB & H)

LAS 471: Treaties and Cultural Production in Spain and the Americas

LAS 473: Indigenous and Latina/Chicana Representation (SB & C)

LAS 480: Current Trends in Theatre and New Media in Latin America and Spain (HU)

LAS 481: Dictatorships and Dirty Wars: Latin American Cinema from Resistance to Reconciliation (HU & G)

POS 453: Latin America (SB & G)

POS 454: Mexico (SB & G)

SPA 412: Advanced Conversation and Composition (G)

SPA 413: Spanish Grammar in Context (G)

SPA 456: 20th-Century Spanish American Fiction

SPA 471: Civilization of the Indohispanomexicano Southwest ((L or HU) & C)

#### Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

#### General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)



First-Year Composition




General Studies designations listed on the major map are current for the 2023 - 2024 academic year.





## 2023 - 2024 Major Map



### Statistics, BS

School/College: [New College of Interdisciplinary Arts and Sciences](#)  
ASSTABS

Term 1 0 - 14 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 270: Calculus with Analytic Geometry I (MA)	4	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific First-Year Seminar required of all first-year students. NEW 101-M satisfies this requirement.</li> <li>IAS 300 (3 credit hours) is required for all transfer students in place of NEW 101-M.</li> <li>Select your <b>Career Interest Communities</b> and play <b>me3@ASU</b>.</li> <li>Activate your <b>Handshake</b> account and build out your profile.</li> </ul>
ACO 101: Introduction to Computer Science (CS)	3	C	
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
NEW 101-M: The ASU New College Experience	1		
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	14		

Term 2 14 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 271: Calculus with Analytic Geometry II (MA)	4	C	<ul style="list-style-type: none"> <li>Create a first draft <b>resume</b>.</li> <li>Join a <b>student club</b> or professional organization.</li> <li>Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> </ul>
ACO 102: Object-Oriented Programming (CS)	3	C	
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
Historical Awareness (H)	3		
Humanities, Arts and Design (HU)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 30 - 44 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 272: Calculus with Analytic Geometry III (MA)	4	C	<ul style="list-style-type: none"> <li>Develop your <b>research skills</b>.</li> <li>Develop your <b>professional skills</b>.</li> </ul>
 STP 280: Probability and Statistics for Researchers (CS)	3	C	
Cultural Diversity in the U.S. (C)	3		
Natural Science - Quantitative (SQ)	4		
 Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	14		

Term 4 44 - 60 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 STP 281: Statistical Analysis for Researchers	3	C	<ul style="list-style-type: none"> <li>Completion of ACO 101 and ACO 102 (with C or better) fulfills the New College</li> </ul>
Global Awareness (G)	3		

Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4
Social-Behavioral Sciences (SB)	3
Elective	3
Term hours subtotal:	16

Proficiency - Language and Cultures requirement.

- Explore an **internship**, an **IGLE international experience**, or **ASU Study Abroad**.

Term 5 60 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ STP 310: Design and Analysis of Experiments	3	C
★ STP 311: Regression and Time Series Analyses	3	C
MAT 343: Applied Linear Algebra	3	C
Upper Division Literacy and Critical Inquiry (L) OR IAS 300: Career Strategies and Personal Resilience (L or SB)	3	
Humanities, Arts and Design (HU)	3	
Term hours subtotal:	15	

- IAS 300 (3 credit hours) is required for all transfer students.
- Thinking about graduate school? Consider registering for a grad school test prep course.
- Develop your **professional online presence**.

Term 6 75 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ STP 315: Statistical Computing	3	C
★ Upper Division Statistics Elective	3	C
Statistics Focus Area Course	3	C
Literacy and Critical Inquiry (L)	3	C
Upper Division Elective OR STP 484: Internship	3	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
Term hours subtotal:	15	

- Statistics Focus Area courses are courses in related disciplines in the New College of Interdisciplinary Arts and Sciences. See advisor to select the proper courses for the desired related field.
- Students interested in graduate school should enroll in MAT 300, 371 and 472.
- For data science careers, complete ACO courses for focus area.
- LSC 388 is strongly recommended for students interested in graduate school.
- Use Handshake to research **employment opportunities**.
- Complete an in person or virtual **practice interview**.

Term 7 90 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ STP 421: Probability	3	C
★ STP 485: Statistics Capstone	3	C
Upper Division Statistics Elective	3	C
Statistics Focus Area Course	3	C
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3	
Term hours subtotal:	15	

- STP 485 Statistics Capstone is offered in fall semesters only. Consult your academic advisor for course planning.
- Statistics Focus Area courses are courses in related disciplines in the New College of Interdisciplinary Arts and Sciences. See advisor to select the proper courses for the desired related field.
- Students interested in graduate school should enroll in MAT 300, 371 and 472.
- For data science careers, complete ACO courses for focus area.
- Gather **professional references**.

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ STP 427: Mathematical Statistics	3	C
Upper Division Statistics Elective	3	C
Statistics Focus Area Course	3	C
Complete 2 courses: Upper Division Elective	6	

- Statistics Focus Area courses are courses in related disciplines in the New College of Interdisciplinary Arts and Sciences. See advisor to select the proper courses for the desired related field.

Term hours subtotal: 15

- Students interested in graduate school should enroll in MAT 300, 371 and 472 for focus area.
- For data science careers, complete ACO courses for focus area.
- Apply for **full-time career opportunities**.

- Upper-Division Statistics Electives  
• Statistics Focus Area Courses are courses in related disciplines in the New  
• Complete 9 credit hours. STP 494 repeatable for different topics. STP 499 may only be taken once, up to 3 credits. Courses may only apply once to either the Upper-Division Statistics Electives or the Focus Area Requirement.

#### Statistics Focus Area

- Students should select and complete three courses (9-10 credit hours) from a single discipline. (i.e. three MAT courses or three CHM courses or three ACO courses) to complete the Focus Area requirement.
- Courses may only apply once to either the Upper-Division Statistics Electives or the Focus Area Requirement.
- Students interested in graduate school should enroll in MAT 300, 371 and 472 for the Statistics Focus area.
- For data science careers, complete Applied Computing (ACO) courses for the focus area.

#### Hide Course List(s)/Track Group(s)

Upper Division Statistics Electives	Statistics Focus Area Course
ACO 494: Hacking for Defense	ACO 201: Data Structures and Algorithms (CS)
MAT 494: Mathematical Methods in Data Science	ACO 320: Database Systems
STP 450: Nonparametric Statistics	ACO 350: Systems Programming (CS)
STP 451: Quality Improvement	CHM 113: General Chemistry I (SQ)
STP 452: Multivariate Statistics	CHM 116: General Chemistry II (SQ)
STP 460: Categorical Data Analysis	CHM 233: General Organic Chemistry I
STP 494: Special Topics	MAT 243: Discrete Mathematical Structures
STP 499: Individualized Instruction	MAT 300: Mathematical Structures (L)
	MAT 371: Advanced Calculus I
	MAT 421: Applied Computational Methods (CS)
	MAT 450: Mathematical Models in Biology
	MAT 472: Intermediate Real Analysis I
	MAT 494: Mathematical Methods in Data Science

#### Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

## **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.











## 2023 - 2024 Major Map

### Digital Audiences, BS

School/College: [Walter Cronkite School of Journalism and Mass Comm](#)

Location: [Downtown Phoenix](#)

CSDIGABS

Term 1 0 - 13 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes	
 JMC 101: Grammar for Journalists	1	B-	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year and transfer students.</li> <li>JMC 110 is recommended for students attending in person.</li> <li>Activate your <a href="#">Handshake account</a> and build out your profile.</li> </ul>	
 JMC 115: Diversity and Civility at Cronkite	1	C		
 MCO 102: Fundamentals of Coding	1	C		
 MCO 120: Media and Society (SB) OR JMC 110: Principles and History of Journalism (SB)	3	C		
ASU 101-CS: The ASU Experience	1			
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C		
Elective	3			
Term hours subtotal:	13			
<b>Term 2 13 - 28 Credit Hours Critical course signified by </b>				
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C		<ul style="list-style-type: none"> <li>Select your <a href="#">Career Interest Communities</a> and play <a href="#">me3@ASU</a>.</li> <li>Join a <a href="#">student club</a> or professional organization.</li> </ul>
Historical Awareness (H)	3			
Mathematics (MA) ( MAT 142 recommended)	3			
Social-Behavioral Sciences (SB)	3			
Elective	3			
 Complete ENG 101 or ENG 105 or ENG 107 course(s).				
Term hours subtotal:	15			
<b>Term 3 28 - 44 Credit Hours Critical course signified by </b>				
Computer/Statistics/Quantitative Applications (CS)	3		<ul style="list-style-type: none"> <li>Students interested in pursuing graduate programs in Digital Audiences should consult their academic adviser.</li> </ul>	
Cultural Diversity in the U.S. (C)	3			
Humanities, Arts and Design (HU)	3			
Natural Science - Quantitative (SQ)	4			
Elective	3			
 Complete First-Year Composition requirement.				
 Complete Mathematics (MA) requirement.				

Term hours subtotal: 16

Term 4 44 - 60 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
⚠ MCO 366: Media Ethics and Diversity OR JMC 366: Journalism Ethics and Diversity	3	C	<ul style="list-style-type: none"> <li>• Develop your professional online presence.</li> </ul>
Humanities, Arts and Design (HU)	3		
Literacy and Critical Inquiry (L)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Elective	3		
Term hours subtotal:	16		

Term 5 60 - 75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ MCO 307: The Digital Audience	3	C	<ul style="list-style-type: none"> <li>• Due to course equivalency issues, students interested in pursuing graduate programs in Digital Audiences should consult their academic adviser.</li> <li>• Thinking about graduate school? Consider registering for a grad school <b>test prep course</b>.</li> </ul>
Global Awareness (G)	3		
Social-Behavioral Sciences (SB)	3		
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ MCO 433: Social Media Campaigns, Engagement and Research	3	C	<ul style="list-style-type: none"> <li>• Use Handshake to research <b>employment opportunities</b>.</li> </ul>
MCO 403: Media Law OR JMC 402: Mass Communication Law	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Upper Division Elective	3		
Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ MCO 434: Search Engine Research and Strategy	3	C	<ul style="list-style-type: none"> <li>• Complete an in person or <b>virtual practice interview</b>.</li> <li>• Gather <b>professional references</b>.</li> <li>• Apply for <b>full-time career opportunities</b>.</li> </ul>
★ MCO 438: Digital Audience Analysis	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ MCO 439: Digital Audience Growth	3	C	
★ Upper Division Mass Communication Elective	3	C	
Complete 2 courses:			
Upper Division Elective	6		
Elective	3		
Term hours subtotal:	15		



Hide Course List(s)/Track Group(s)

Mass Communication Electives

MCO 240: Media Issues in American Pop Culture

MCO 302: Media Research Methods

MCO 335: Social Media Foundations

MCO 366: Media Ethics and Diversity

MCO 403: Media Law

MCO 418: History of Mass Communication (SB & H)

MCO 425: Digital Media Literacy I

MCO 426: Digital Media Literacy II

MCO 427: Misinformation and Society

MCO 428: Digital Media and Freedom of Expression in the 21st Century

MCO 430: International Mass Communication (G)

MCO 431: Media Entrepreneurship

MCO 450: Visual Communication (HU)

MCO 456: Political Communication (SB)

MCO 460: Race, Gender, and Media (C)

MCO 465: Sports and Media

MCO 470: Exploring the Business of Journalism

MCO 473: Sex, Love, and Romance in the Mass Media (SB)

MCO 484: Internship

MCO 494: Special Topics

**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for**  
**Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.









## 2023 - 2024 Major Map




### Digital Audiences, BS



School/College: [Walter Cronkite School of Journalism and Mass Comm](#)

Location: [Online ASU Local](#)



CSDIGABS

Term 1 - A 0 - 8 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 JMC 101: Grammar for Journalists	1	B-	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year and transfer students.</li> </ul>
 MCO 120: Media and Society (SB)	3	C	
ASU 101-UC: The ASU Experience	1		
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	8		
Term 1 - B 8 - 13 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 JMC 115: Diversity and Civility at Cronkite	1	C	<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> <li>Activate your <a href="#">Handshake account</a> and build out your profile.</li> </ul>
 MCO 102: Fundamentals of Coding	1	C	
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Term hours subtotal:	5		
Term 2 - A 13 - 19 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR			<ul style="list-style-type: none"> <li>Select your <a href="#">Career Interest Communities</a> and play <a href="#">me3@ASU</a>.</li> </ul>
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Historical Awareness (H)	3		
Term hours subtotal:	6		
Term 2 - B 19 - 26 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
Natural Science - Quantitative (SQ)	4		<ul style="list-style-type: none"> <li>Create a first draft <a href="#">resume</a>.</li> <li>Join a <a href="#">student club</a> or professional organization.</li> </ul>
Elective	3		
 Complete ENG 101 or ENG 105 or ENG 107 course(s).			
Term hours subtotal:	7		
Term 3 - A 26 - 32 Credit Hours	Hours	Minimum Grade	Notes
Mathematics (MA) ( MAT 142 recommended)	3		<ul style="list-style-type: none"> <li>Students interested in pursuing graduate programs in Digital Audiences should consult their academic adviser.</li> </ul>
Elective	3		
Term hours subtotal:	6		

Term 3 - B 32 - 38 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
Computer/Statistics/Quantitative Applications (CS)	3		<ul style="list-style-type: none"> <li>Develop your <b>career skills</b>: practice interviews, resume building, career development, and more.</li> </ul>
Social-Behavioral Sciences (SB)	3		
 Complete First-Year Composition requirement.			
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	6		

Term 4 - A 38 - 45 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MCO 366: Media Ethics and Diversity	3	C	
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	7		

Term 4 - B 45 - 51 Credit Hours	Hours	Minimum Grade	Notes
Cultural Diversity in the U.S. (C)	3		<ul style="list-style-type: none"> <li>Develop your <b>professional online presence</b>.</li> </ul>
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	6		

Term 5 - A 51 - 57 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 MCO 307: The Digital Audience	3	C	<ul style="list-style-type: none"> <li>Due to course equivalency issues, students interested in pursuing graduate programs in Digital Audiences should consult their academic adviser.</li> </ul>
Elective	3		
Term hours subtotal:	6		

Term 5 - B 57 - 63 Credit Hours	Hours	Minimum Grade	Notes
Global Awareness (G)	3		<ul style="list-style-type: none"> <li>Due to course equivalency issues, students interested in pursuing graduate programs in Digital Audiences should consult their academic adviser.</li> </ul>
Elective	3		
Term hours subtotal:	6		

Term 6 - A 63 - 69 Credit Hours	Hours	Minimum Grade	Notes
Humanities, Arts and Design (HU)	3		<ul style="list-style-type: none"> <li>Use Handshake to research <b>employment opportunities</b>.</li> </ul>
Elective	3		
Term hours subtotal:	6		

Term 6 - B 69 - 75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 MCO 433: Social Media Campaigns, Engagement and Research	3	C	
Elective	3		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 75 - 81 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
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★ MCO 434: Search Engine Research and Strategy	3	C
Elective	3	
Term hours subtotal:	6	

Term 7 - B 81 - 87 Credit Hours	Hours	Minimum Grade	Notes
MCO 403: Media Law	3	C	• Apply for full-time career opportunities.
Upper Division Elective	3		
Term hours subtotal:	6		

Term 8 - A 87 - 93 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MCO 438: Digital Audience Analysis	3	C	• Thinking about graduate school? Consider registering for a grad school test prep course.
Elective	3		
Term hours subtotal:	6		

Term 8 - B 93 - 99 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Literacy and Critical Inquiry (L)	3		• Gather professional references.
Upper Division Elective	3		
Term hours subtotal:	6		

Term 9 - A 99 - 105 Credit Hours	Hours	Minimum Grade	Notes
Social-Behavioral Sciences (SB)	3		
Upper Division Elective	3		
Term hours subtotal:	6		

Term 9 - B 105 - 111 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MCO 439: Digital Audience Growth	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		

Term 10 - A 111 - 117 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Mass Communication Elective	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		

Term 10 - B 117 - 120 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	3		

Hide Course List(s)/Track Group(s)

Mass Communication Electives

MCO 302: Media Research Methods

MCO 335: Social Media Foundations

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MCO 366: Media Ethics and Diversity

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MCO 403: Media Law

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MCO 418: History of Mass Communication  
(SB & H)

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MCO 425: Digital Media Literacy I

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MCO 426: Digital Media Literacy II

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MCO 427: Misinformation and Society

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MCO 428: Digital Media and Freedom of  
Expression in the 21st Century

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MCO 430: International Mass Communication  
(G)

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MCO 431: Media Entrepreneurship

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MCO 450: Visual Communication (HU)

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MCO 456: Political Communication (SB)

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MCO 460: Race, Gender, and Media (C)

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MCO 465: Sports and Media

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MCO 470: Exploring the Business of  
Journalism

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MCO 473: Sex, Love, and Romance in the  
Mass Media (SB)

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MCO 484: Internship

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MCO 494: Special Topics

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**Notes:**

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**Total Hours:** 120

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**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.





## 2023 - 2024 Major Map

### Digital Media Literacy, BA

School/College: [Walter Cronkite School of Journalism and Mass Comm](#)

Location: [Online ASU Local](#)

CSDMLBA

Term 1 - A 0 - 7 Credit Hours	Hours	Minimum Grade	Notes
ASU 101-UC: The ASU Experience	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>Select your <a href="#">Career Interest Communities</a> and play <a href="#">me3@ASU</a>.</li> </ul>
Cultural Diversity in the U.S. (C)	3		
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	7		
Term 1 - B 7 - 13 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MCO 120: Media and Society (SB)	3	C	<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Term hours subtotal:	6		
Term 2 - A 13 - 19 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	6		
Term 2 - B 19 - 25 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
Computer/Statistics/Quantitative Applications (CS)	3		
Historical Awareness (H)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	6		
Term 3 - A 25 - 31 Credit Hours	Hours	Minimum Grade	Notes
Mathematics (MA) ( MAT 142 recommended)	3		<ul style="list-style-type: none"> <li>Develop your <a href="#">career skills</a>: practice interviews, resume building, career development, and more.</li> </ul>
Elective	3		
Term hours subtotal:	6		
		Minimum	



Term 3 - B 31 - 38 Credit Hours <b>Critical course signified by</b> ⚠️	Hours	Grade	Notes
Natural Science - Quantitative (SQ)	4		
Elective	3		
⚠️ Complete First-Year Composition requirement.			
⚠️ Complete Mathematics (MA) requirement.			
Term hours subtotal:	7		

Term 4 - A 38 - 45 Credit Hours <b>Critical course signified by</b> ⚠️	Hours	Minimum Grade	Notes
⚠️ Mass Communication Elective	3	C	• Secure a <b>part-time job</b> or <b>volunteer experience</b> .
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	7		

Term 4 - B 45 - 51 Credit Hours	Hours	Minimum Grade	Notes
Global Awareness (G)	3		
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	6		

Term 5 - A 51 - 57 Credit Hours <b>Necessary course signified by</b> ⭐	Hours	Minimum Grade	Notes
⭐ MCO 302: Media Research Methods	3	C	• Develop your <b>professional online presence</b> .
Elective	3		
Term hours subtotal:	6		

Term 5 - B 57 - 63 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Literacy and Critical Inquiry (L)	3		
Elective	3		
Term hours subtotal:	6		

Term 6 - A 63 - 69 Credit Hours <b>Necessary course signified by</b> ⭐	Hours	Minimum Grade	Notes
⭐ MCO 425: Digital Media Literacy I	3	C	• Use Handshake to research <b>employment opportunities</b> .
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	6		

Term 6 - B 69 - 75 Credit Hours <b>Necessary course signified by</b> ⭐	Hours	Minimum Grade	Notes
⭐ MCO 426: Digital Media Literacy II	3	C	
Elective	3		
⭐ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 75 - 81 Credit Hours <b>Necessary course signified by</b> ⭐	Hours	Minimum Grade	Notes
⭐ MCO 427: Misinformation and Society	3	C	
Elective	3		
Term hours subtotal:	6		

Term 7 - B 81 - 87 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
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★ MCO 428: Digital Media and Freedom of Expression in the 21st Century	3	C	
Elective	3		
Term hours subtotal:	6		

Term 8 - A 87 - 93 Credit Hours	Hours	Minimum Grade	Notes
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Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Elective	3		
Term hours subtotal:	6		

Term 8 - B 93 - 99 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
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★ Upper Division Mass Communication Elective	3	C	• Gather professional references.
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	6		

Term 9 - A 99 - 105 Credit Hours	Hours	Minimum Grade	Notes
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Upper Division Elective	3		
Elective	3		
Term hours subtotal:	6		

Term 9 - B 105 - 111 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
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★ Upper Division Mass Communication Elective	3	C	• Apply for full-time career opportunities.
Upper Division Elective	3		
Term hours subtotal:	6		

Term 10 - A 111 - 117 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
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★ Upper Division Mass Communication Elective	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		

Term 10 - B 117 - 120 Credit Hours	Hours	Minimum Grade	Notes
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Upper Division Elective	3		
Term hours subtotal:	3		

Hide Course List(s)/Track Group(s)

- Mass Communication Elective
- MCO 101: Everyday Grammar
- MCO 102: Fundamentals of Coding
- MCO 240: Media Issues in American Pop Culture

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MCO 307: The Digital Audience

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MCO 335: Social Media Foundations

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MCO 366: Media Ethics and Diversity

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MCO 403: Media Law

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MCO 418: History of Mass Communication  
(SB & H)

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MCO 430: International Mass Communication  
(G)

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MCO 431: Media Entrepreneurship

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MCO 450: Visual Communication (HU)

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MCO 456: Political Communication (SB)

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MCO 460: Race, Gender, and Media (C)

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MCO 465: Sports and Media

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MCO 470: Exploring the Business of  
Journalism

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MCO 494: Special Topics

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**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.






## 2023 - 2024 Major Map




### Journalism and Mass Communication, BA


School/College: [Walter Cronkite School of Journalism and Mass Comm](#)

Location: [Downtown Phoenix](#)

CSJMCBA

Term 1 0 - 13 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 JMC 101: Grammar for Journalists	1	B-	<ul style="list-style-type: none"> <li>ASU 101-CS required of all first-year and transfer students.</li> <li><b>ASU Language Placement:</b> Only true beginners are eligible for 101-level courses. All other students should take a placement exam.</li> </ul>
 JMC 110: Principles and History of Journalism (SB)	3	C	
 JMC 115: Diversity and Civility at Cronkite	1	C	
ASU 101-CS: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
JMC 102: Coding for Journalists	1	C	
Mathematics (MA)	3		
 Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	13		

Term 2 13 - 29 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>Students interested in <b>Accelerated Master's Degrees</b> should consult with their academic adviser.</li> </ul>
JMC 201: News Reporting and Writing (L)	3	C	
JMC 305: Multimedia Journalism	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Computer/Statistics/Quantitative Applications (CS) AND Statistics Course	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 3 29 - 45 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB)	3		<ul style="list-style-type: none"> <li>Students interested in Public Relations should contact their academic adviser to review course recommendations.</li> </ul>
JMC 301: Intermediate Reporting and Writing (L)	3	C	
JMC 366: Journalism Ethics and Diversity	3	C	

POS 110: American Government and Politics (SB) OR POS 310: American National Government (SB) 3

Second Language: Requirement satisfied through the following:

\* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. 4 C

❗ Complete First-Year Composition requirement.

❗ Complete Mathematics (MA) requirement.

❗ Minimum 2.50 GPA ASU Cumulative.

Term hours subtotal: 16

Term 4 45 - 61 Credit Hours Critical course signified by ❗	Hours	Minimum Grade	Notes
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JMC 313: Introduction to Editing OR JMC 345: Videography OR JMC 448: Non-Narrative Video Storytelling 3 C

SOC 101: Introductory Sociology (SB) OR PSY 101: Introduction to Psychology (SB) 3

Philosophy Course AND Humanities, Arts and Design (HU) 3

Related Area Course 3 C

Second Language: Requirement satisfied through the following:

\* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. 4 C

❗ Complete JMC 201 AND JMC 301 course(s).

❗ Complete JMC 305 AND JMC 366 course(s).

❗ Minimum 2.50 GPA ASU Cumulative.

Term hours subtotal: 16

- Courses you are taking now will impact your eligibility for certain Professional Programs. Please consult with your academic adviser to make sure you are on the right track to achieve your goal.

- Related Area courses must be approved by an academic adviser.
- Explore careers and internship opportunities through Cronkite Career Services.

Term 5 61 - 78 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ JMC 473: The Business and Future of Journalism OR JMC 310: Principles of Strategic Communications 3 C

Second Language: Requirement satisfied through the following:

\* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. 4 C

AND  
Global Awareness (G)

U.S. History Course AND Humanities, Arts and Design (HU) AND Historical Awareness (H) 3

Cultural Diversity in the U.S. (C) 3

Natural Science - Quantitative (SQ) 4

★ Minimum 2.50 GPA ASU Cumulative.

Term hours subtotal: 17

- Students following a Public Relations track should enroll in JMC 310; all others should enroll in JMC 473.
- Thinking about graduate school? Consider registering for a grad school test prep course.

Term 6 78 - 94 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ JMC 402: Mass Communication Law 3 C

★ Upper Division Advanced Skills Course 3 C

JMC 484: Internship 3 Y

Related Area Course 3 C

Natural Science - General (SG) OR Natural Science - Quantitative (SQ) 4

- Advanced Skills course should be selected in consultation with academic adviser.
- Related Area courses must be approved by an academic adviser.

★ Complete Cultural Diversity in the U.S. (C) AND Historical Awareness (H) AND Global Awareness (G) course(s).

★ Minimum 2.50 GPA ASU Cumulative.

Term hours subtotal: 16

Term 7 94 - 106 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Advanced Skills Course	3	C	<ul style="list-style-type: none"> <li>Professional Programs require placement. Consult with your academic adviser to review your eligibility for certain programs.</li> <li>Students interested in additional Professional Program credit can apply it toward their Upper Division Advanced Skills Course credit. Consult with your academic adviser for more information.</li> </ul>
★ Upper Division Professional Program	3	C	
Upper Division Related Area Course	3	C	
JMC OR MCO Upper Division Elective	3	C	
★ Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	12		

Term 8 106 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
Related Area Course	3	C	<ul style="list-style-type: none"> <li>Related Area courses must be approved by an academic adviser.</li> <li>Complete an in person or virtual <b>practice interview</b>.</li> </ul>
JMC OR MCO Upper Division Elective	3	C	
MCO Upper Division Elective	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Elective	2		
★ Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	14		

- Advanced Skills course should be selected in consultation with academic adviser.

Hide Course List(s)/Track Group(s)

Statistics (CS)	Professional Program	Philosophy
JUS 302: Statistical Analysis for Justice Studies (CS)	JMC 475: TV Production and Graphics Lab	HON 171: The Human Event (L or HU)
SOC 390: Social Statistics I (CS)	JMC 476: Public Relations Laboratory	PHI 101: Introduction to Philosophy (HU)
STP 226: Elements of Statistics (CS)	JMC 477: New Media Innovation and Entrepreneurship Lab	PHI 103: Principles of Sound Reasoning (L or HU)
SWU 321: Statistics for Social Workers (CS)	JMC 478: Cronkite News: Los Angeles	PHI 105: Intro to Ethics (HU)
	JMC 478: Cronkite News: Phoenix Bureau	PHI 306: Applied Ethics (HU)
	JMC 479: Cronkite News: Washington Bureau	
	JMC 486: Digital Audiences Lab	
	JMC 487: Howard Center for Investigative Journalism	
U.S. History	Advanced Skills Courses	
HST 109: United States to 1865 ((HU or SB) & H)	JMC 320: Newscast Producing	
	JMC 330: Television Reporting	

HST 314: American Cultural History Since 1865 ((HU or SB) & H)	JMC 351: Photojournalism I
HST 327: Women in U.S. History, 1600 to 1880 ((HU or SB) & C & H)	JMC 412: Opinion Writing
HST 328: Women in U.S. History, 1880-1980 ((HU or SB) & C & H)	JMC 413: Advanced Editing
HST 334: African American History Since 1865 ((HU or SB) & C & H)	JMC 414: Digital Graphic Design
HST 337: American Indian History to 1900 ((HU or SB) & C & H)	JMC 415: Writing for Public Relations
HST 338: American Indian History since 1900 ((HU or SB) & C & H)	JMC 421: Advanced Digital Storytelling
	JMC 430: Sports Marketing and Campaigns
	JMC 434: Advanced Bilingual Reporting
	JMC 436: Public Relations Research
	JMC 437: Documentary Production
	JMC 440: Magazine Writing
	JMC 441: Narrative Writing and Reporting.
	JMC 442: Sports and Culture Commentary
	JMC 451: Photojournalism II
	JMC 453: Reporting on Business and the Economy
	JMC 455: Digital Media Entrepreneurship
	JMC 457: Advanced Radio Reporting
	JMC 460: Advanced Online Media
	JMC 465: Telling Stories with Data
	JMC 470: Depth Reporting
	JMC 475: TV Production and Graphics Lab
	JMC 476: Public Relations Laboratory
	JMC 477: New Media Innovation and Entrepreneurship Lab
	JMC 478: Cronkite News: Los Angeles
	JMC 478: Cronkite News - Phoenix
	JMC 479: Cronkite News: Washington Bureau
	JMC 486: Digital Audiences Lab
	JMC 487: Howard Center for Investigative Journalism

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for**  
**Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.











## 2023 - 2024 Major Map

### Mass Communication and Media Studies, BA

School/College: [Walter Cronkite School of Journalism and Mass Comm](#)

Location: [Downtown Phoenix](#)

CSMCMSTBA

Term 1 0 - 16 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 MCO 120: Media and Society (SB)	3	C	<ul style="list-style-type: none"> <li>ASU 101-CS is required of all first-year students.</li> <li>Select your <a href="#">Career Interest Communities</a> and play <a href="#">me3@ASU</a>.</li> </ul>
ASU 101-UC: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Cultural Diversity in the U.S. (C)	3		
Humanities, Arts and Design (HU)	3		
Elective	3		
Term hours subtotal:	16		
Term 2 16 - 31 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR			<ul style="list-style-type: none"> <li>Join a <a href="#">student club</a> or professional organization.</li> <li>Create a first draft <a href="#">resume</a>.</li> </ul>
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Historical Awareness (H)	3		
Mathematics (MA) ( MAT 142 recommended)	3		
Complete 2 courses:			
Elective	6		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		
Term 3 31 - 44 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
Computer/Statistics/Quantitative Applications (CS)	3		<ul style="list-style-type: none"> <li>Develop your <a href="#">skills</a>.</li> </ul>
Natural Science - Quantitative (SQ)	4		
Complete 2 courses:			
Elective	6		
 Complete First-Year Composition requirement.			
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	13		
Term 4 44 - 60 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes

MCO Elective	3	C
Literacy and Critical Inquiry (L)	3	
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4	
Social-Behavioral Sciences (SB)	3	
Elective	3	
Term hours subtotal:	16	

- Secure a part-time job or volunteer experience.
- Develop your professional online presence.

Term 5 60 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Complete 2 courses:			
Upper Division Mass Communication Elective	6	C	• Thinking about graduate school? Consider registering for a grad school test prep course
Global Awareness (G)	3		
Complete 2 courses:			
Upper Division Elective	6		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Complete 2 courses:			• Use Handshake to research employment opportunities.
Upper Division Mass Communication Elective	6	C	
Humanities, Arts and Design (HU)	3		
Upper Division Elective	3		
Elective	3		
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Complete 2 courses:			• Gather professional references.
Upper Division Mass Communication Elective	6	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
Upper Division Mass Communication Elective	6	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	15		

Hide Course List(s)/Track Group(s)

- Mass Communication Elective
- MCO 302: Media Research Methods

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MCO 307: The Digital Audience

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MCO 335: Social Media Foundations

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MCO 366: Media Ethics and Diversity

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MCO 375: Podcasting

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MCO 403: Media Law

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MCO 418: History of Mass Communication  
(SB & H)

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MCO 425: Digital Media Literacy I

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MCO 426: Digital Media Literacy II

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MCO 427: Misinformation and Society

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MCO 428: Digital Media and Freedom of  
Expression in the 21st Century

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MCO 430: International Mass Communication  
(G)

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MCO 431: Media Entrepreneurship

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MCO 433: Social Media Campaigns,  
Engagement and Research

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MCO 434: Search Engine Research and  
Strategy

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MCO 438: Digital Audience Analysis

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MCO 450: Visual Communication (HU)

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MCO 456: Political Communication (SB)

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MCO 460: Race, Gender, and Media (C)

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MCO 465: Sports and Media

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MCO 470: Exploring the Business of  
Journalism

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MCO 473: Sex, Love, and Romance in the  
Mass Media (SB)

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MCO 484: Internship

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MCO 494: Special Topics

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**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

## 2023 - 2024 Major Map

### Mass Communication and Media Studies, BA

School/College: [Walter Cronkite School of Journalism and Mass Comm](#)



Location: [Online ASU Local](#)

CSMCMSTBA



#### **FT** Fast Track Options: 3 Year

A student must speak with an advisor in order to be added to a fast track plan.

Term 1 - A 0 - 7 Credit Hours	Hours	Minimum Grade	Notes
ASU 101-UC: The ASU Experience	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>Select your <a href="#">Career Interest Communities</a> and play <a href="#">me3@ASU</a>.</li> </ul>
Cultural Diversity in the U.S. (C)	3		
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	7		

Term 1 - B 7 - 13 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MCO 120: Media and Society (SB)	3	C	<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Term hours subtotal:	6		

Term 2 - A 13 - 19 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	6		

Term 2 - B 19 - 25 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
Historical Awareness (H)	3		
Mathematics (MA) ( MAT 142 recommended)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	6		

Term 3 - A 25 - 31 Credit Hours	Hours	Minimum Grade	Notes
MCO Elective	3	C	

Computer/Statistics/Quantitative Applications (CS) 3

- Secure a volunteer experience.

Term hours subtotal: 6

Term 3 - B 31 - 38 Credit Hours Critical course signified by ⚠	Hours	Minimum Grade	Notes
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Natural Science - Quantitative (SQ) 4

Elective 3

⚠ Complete First-Year Composition requirement.

⚠ Complete Mathematics (MA) requirement.

Term hours subtotal: 7

Term 4 - A 38 - 44 Credit Hours Critical course signified by ⚠	Hours	Minimum Grade	Notes
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⚠ Literacy and Critical Inquiry (L) 3

Elective 3

Term hours subtotal: 6

Term 4 - B 44 - 51 Credit Hours	Hours	Minimum Grade	Notes
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Natural Science - General (SG) OR Natural Science - Quantitative (SQ) 4

Elective 3

Term hours subtotal: 7

Term 5 - A 51 - 57 Credit Hours Necessary course signified by ⭐	Hours	Minimum Grade	Notes
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⭐ Upper Division Mass Communication Elective 3 C

Upper Division Elective 3

Term hours subtotal: 6

- Develop your career skills: practice interviews, resume building, career development, and more.

Term 5 - B 57 - 63 Credit Hours Necessary course signified by ⭐	Hours	Minimum Grade	Notes
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⭐ Upper Division Mass Communication Elective 3 C

Global Awareness (G) 3

Term hours subtotal: 6

Term 6 - A 63 - 69 Credit Hours Necessary course signified by ⭐	Hours	Minimum Grade	Notes
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⭐ Upper Division Mass Communication Elective 3 C

Elective 3

Term hours subtotal: 6

- Use Handshake to research employment opportunities.

Term 6 - B 69 - 75 Credit Hours Necessary course signified by ⭐	Hours	Minimum Grade	Notes
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Upper Division Literacy and Critical Inquiry (L) 3

Elective 3

⭐ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 6

Term 7 - A 75 - 81 Credit Hours Necessary course signified by ⭐	Hours	Minimum Grade	Notes
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★ Upper Division Mass Communication Elective	3	C
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3	
Term hours subtotal:	6	

Term 7 - B 81 - 87 Credit Hours	Hours	Minimum Grade	Notes
Social-Behavioral Sciences (SB)	3		
Elective	3		
Term hours subtotal:	6		

Term 8 - A 87 - 93 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	6		

Term 8 - B 93 - 99 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Mass Communication Elective	3	C	• Gather professional references.
Elective	3		
Term hours subtotal:	6		

Term 9 - A 99 - 105 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	6		

Term 9 - B 105 - 111 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Mass Communication Elective	3	C	• Apply for full-time career opportunities.
Upper Division Elective	3		
Term hours subtotal:	6		

Term 10 - A 111 - 117 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Mass Communication Elective	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		

Term 10 - B 117 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Mass Communication Elective	3	C	
Term hours subtotal:	3		

Hide Course List(s)/Track Group(s)

- Mass Communication Elective
- MCO 302: Media Research Methods

MCO 307: The Digital Audience

MCO 335: Social Media Foundations

MCO 366: Media Ethics and Diversity

MCO 403: Media Law

MCO 418: History of Mass Communication  
(SB & H)

MCO 425: Digital Media Literacy I

MCO 426: Digital Media Literacy II

MCO 427: Misinformation and Society

MCO 428: Digital Media and Freedom of  
Expression in the 21st Century

MCO 430: International Mass Communication  
(G)

MCO 431: Media Entrepreneurship

MCO 433: Social Media Campaigns,  
Engagement and Research

MCO 434: Search Engine Research and  
Strategy

MCO 438: Digital Audience Analysis

MCO 450: Visual Communication (HU)

MCO 456: Political Communication (SB)

MCO 460: Race, Gender, and Media (C)

MCO 465: Sports and Media

MCO 470: Exploring the Business of  
Journalism

MCO 473: Sex, Love, and Romance in the  
Mass Media (SB)

MCO 494: Special Topics

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)



**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.










## 2023 - 2024 Major Map

### Sports Journalism, BA

School/College: Walter Cronkite School of Journalism and Mass Comm

Location: Downtown Phoenix

CSSPJBA

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 JMC 101: Grammar for Journalists	1	B-	<ul style="list-style-type: none"> <li>ASU 101-CS is required of all first-year and transfer students.</li> <li><b>ASU Language Placement:</b> Only true beginners are eligible for 101-level courses. All other students should take a placement exam.</li> </ul>
 JMC 110: Principles and History of Journalism (SB)	3	C	
 JMC 115: Diversity and Civility at Cronkite	1	C	
ASU 101-CS: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
JMC 102: Coding for Journalists	1	C	
PSY 101: Introduction to Psychology (SB) OR SOC 101: Introductory Sociology (SB)	3		
Mathematics (MA)	3		
 Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		
Term 2 16 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>Students interested in <b>Accelerated Master's Degrees</b> should consult with their academic adviser.</li> </ul>
JMC 201: News Reporting and Writing (L)	3	C	
JMC 306: Sports Multimedia Journalism	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Statistics Course AND Computer/Statistics/Quantitative Applications (CS)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		
Term 3 32 - 49 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
JMC 302: Sports Reporting	3	C	
JMC 367: Ethics and Diversity in Sports Journalism	3	C	

POS 110: American Government and Politics (SB) OR POS 310: American National Government (SB)	3	
Second Language: Requirement satisfied through the following:		
* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C
Natural Science - Quantitative (SQ)	4	
❖ Complete First-Year Composition requirement.		
❖ Complete Mathematics (MA) requirement.		
❖ Minimum 2.50 GPA ASU Cumulative.		
Term hours subtotal:	17	

- Students interested in Public Relations should contact their academic adviser to review course recommendations.
- Courses you are taking now will impact your eligibility for certain Professional Programs. Please consult with your academic adviser to make sure you are on the right track to achieve your goal.

Term 4 49 - 65 Credit Hours Critical course signified by ❖	Hours	Minimum Grade	Notes
❖ JMC 313: Introduction to Editing OR JMC 346: Sports Videography OR JMC 448: Non-Narrative Video Storytelling	3	C	<ul style="list-style-type: none"> <li>• Related Area courses must be approved by an academic adviser.</li> <li>• Explore careers and internship opportunities through <a href="#">Cronkite Career Services</a>.</li> </ul>
ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB)	3		
Related Area Course	3	C	
Second Language: Requirement satisfied through the following:			
* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
U.S. History Course AND Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
❖ Complete JMC 201 AND JMC 302 course(s).			
❖ Complete JMC 306 AND JMC 367 course(s).			
❖ Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 5 65 - 80 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ JMC 331: Television Sports Reporting OR JMC 430: Sports Marketing and Campaigns OR JMC 442: Sports and Culture Commentary	3	C	<ul style="list-style-type: none"> <li>• Sports Advanced Skills course should be selected in consultation with academic adviser.</li> <li>• Related Area courses must be approved by an academic adviser.</li> <li>• Complete an in person or virtual <a href="#">practice interview</a>.</li> </ul>
JMC 474: Advanced Issues in 21st-Century Sports and Media	3	C	
Second Language: Requirement satisfied through the following:			
* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
AND Global Awareness (G)			
Upper Division Literacy and Critical Inquiry (L) AND Cultural Diversity in the U.S. (C)	3		
Elective	2		
★ Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 6 80 - 96 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ JMC 402: Mass Communication Law	3	C	<ul style="list-style-type: none"> <li>• Advanced Skills course should be selected in consultation with academic adviser.</li> <li>• Related Area courses must be approved by an academic adviser.</li> </ul>
★ Upper Division Advanced Skills Course	3	C	
JMC 484: Internship	3	Y	
Related Area Course	3	C	

Natural Science - General (SG) OR Natural Science - Quantitative (SQ) 4

★ Complete Cultural Diversity in the U.S. (C) AND Historical Awareness (H) AND Global Awareness (G) course(s).

★ Minimum 2.50 GPA ASU Cumulative.

Term hours subtotal: 16

- Thinking about graduate school? Consider registering for a grad school test prep course.

Term 7 96 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Sports Professional Program	3	C	<ul style="list-style-type: none"> <li>• Professional Programs require placement and can be completed in fall or spring. Consult with your academic adviser to review your eligibility for certain programs.</li> <li>• Related Area courses must be approved by an academic adviser.</li> </ul>
Philosophy Course AND Humanities, Arts and Design (HU)	3		
Related Area Course	3	C	
JMC OR MCO Upper Division Elective	3	C	
★ Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	12		

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
Related Area Course	3	C	<ul style="list-style-type: none"> <li>• Related Area courses must be approved by an academic adviser.</li> <li>• Students interested in completing additional Professional Program credit can apply it toward their JMC or MCO Upper Division Elective. Consult with your academic adviser for more information.</li> </ul>
JMC OR MCO Upper Division Elective	3	C	
MCO Upper Division Elective ( MCO 420 OR MCO 465 recommended)	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
★ Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	12		

- Advanced Skills course should be selected in consultation with academic advisor.

Hide Course List(s)/Track Group(s)

Statistics (CS)	Philosophy	Sports Professional Program
ECN 221: Business Statistics (CS)	HON 171: The Human Event (L or HU)	JMC 476: Public Relations Laboratory
JUS 302: Statistical Analysis for Justice Studies (CS)	PHI 101: Introduction to Philosophy (HU)	JMC 480: Cronkite News: Phoenix Sports Bureau
PSY 230: Introduction to Statistics (CS)	PHI 103: Principles of Sound Reasoning (L or HU)	JMC 481: Cronkite News: Los Angeles Sports Bureau
SOC 390: Social Statistics I (CS)	PHI 105: Intro to Ethics (HU)	JMC 486: Digital Audiences Lab
STP 226: Elements of Statistics (CS)	PHI 306: Applied Ethics (HU)	
SWU 321: Statistics for Social Workers (CS)		
U.S. History	Advanced Skills Courses	
HST 109: United States to 1865 ((HU or SB) & H)	JMC 320: Newscast Producing	
HST 314: American Cultural History Since 1865 ((HU or SB) & H)	JMC 331: Television Sports Reporting	
	JMC 352: Sports Photojournalism	
	JMC 412: Opinion Writing	

HST 327: Women in U.S. History, 1600 to 1880 ((HU or SB) & C & H)	JMC 413: Advanced Editing
HST 328: Women in U.S. History, 1880-1980 ((HU or SB) & C & H)	JMC 414: Digital Graphic Design
HST 334: African American History Since 1865 ((HU or SB) & C & H)	JMC 415: Writing for Public Relations
HST 337: American Indian History to 1900 ((HU or SB) & C & H)	JMC 421: Advanced Digital Storytelling
HST 338: American Indian History since 1900 ((HU or SB) & C & H)	JMC 430: Sports Marketing and Campaigns
	JMC 434: Advanced Bilingual Reporting
	JMC 436: Public Relations Research
	JMC 437: Documentary Production
	JMC 440: Magazine Writing
	JMC 441: Narrative Writing and Reporting.
	JMC 442: Sports and Culture Commentary
	JMC 451: Photojournalism II
	JMC 455: Digital Media Entrepreneurship
	JMC 457: Advanced Radio Reporting
	JMC 460: Advanced Online Media
	JMC 465: Telling Stories with Data
	JMC 470: Depth Reporting
	JMC 476: Public Relations Laboratory
	JMC 480: Cronkite News: Phoenix Sports Bureau
	JMC 481: Cronkite News: Los Angeles Sports Bureau
	JMC 486: Digital Audiences Lab

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
  - Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)

- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.










## 2023 - 2024 Major Map

### Actuarial Science, BS

School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe](#)

LAACBBS



Term 1 0 - 14 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CIS 105: Computer Applications and Information Technology (CS) OR CSE 110: Principles of Programming (CS)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>It is suggested that students complete both ECN 211 and 212 to satisfy the SB General Studies requirement as well as the VEE Requirement sequence for Economics by the Society of Actuaries (SOA), Casualty Actuarial Society (CAS), and Canadian Institute of Actuaries (CIA).</li> <li>Select your <b>career interest area</b> and play <a href="mailto:me3@ASU">me3@ASU</a>.</li> </ul>
 MAT 270: Calculus with Analytic Geometry I (MA)	4	B	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
Social-Behavioral Sciences (SB) ( ECN 211 OR ECN 212 recommended)	3		
Maintain 3.50 GPA in Critical Tracking Courses.			
Term hours subtotal:	14		
Term 2 14 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ACT 201: Introduction to Elements and Techniques of Actuarial Science	3	C	<ul style="list-style-type: none"> <li>Meet with your academic advisor to reflect on your first year of classes and map your coursework towards a timely graduation.</li> <li>It is suggested that students complete both ECN 211 and 212 to satisfy the SB General Studies requirement as well as the VEE Requirement sequence for Economics by the Society of Actuaries (SOA), Casualty Actuarial Society (CAS), and Canadian Institute of Actuaries (CIA).</li> <li>COM 225 is recommended to satisfy the Literacy and Critical Inquiry ("L") General Studies requirement.</li> <li>Join <a href="#">Gamma Iota Sigma Kappa</a> chapter.</li> </ul>
 MAT 271: Calculus with Analytic Geometry II (MA)	4	B	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Literacy and Critical Inquiry (L) ( COM 225 recommended)	3		
Social-Behavioral Sciences (SB) ( ECN 211 OR ECN 212 recommended)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s). Maintain 3.50 GPA in Critical Tracking Courses.			
Term hours subtotal:	16		
Term 3 30 - 44 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 272: Calculus with Analytic Geometry III (MA)	4	B	<ul style="list-style-type: none"> <li>Meet with your academic advisor to discuss summer <b>internship</b> and Research Opportunities for Undergraduates (REU).</li> <li>Options for the Science and Society electives are found at this <a href="#">website</a>.</li> </ul>
Science and Society Elective	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Natural Science - Quantitative (SQ)	4		





 Complete First-Year Composition requirement.





Complete Mathematics (MA) requirement.



Maintain 3.50 GPA in Critical Tracking Courses.

Term hours subtotal: 14

Term 4 44 - 60 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 343: Applied Linear Algebra	3	B	<ul style="list-style-type: none"> <li>Meet with your academic advisor to discuss options for adding a minor, certificate or concurrent major to your degree program.</li> <li>Upper-division MAT/STP courses should be taken through the Tempe campus, unless approved by a SoMSS advisor.</li> <li>Students seeking VEE accreditation should select an elective from the course list in the note at the bottom of the major map. For this term, ACC 231 counts towards the VEE requirement for Accounting and Finance.</li> </ul>
MAT 300: Mathematical Structures (L)	3	C	
STP 420: Introductory Applied Statistics (CS)	3	B	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	3		
Maintain 3.50 GPA in Critical Tracking Courses.			
Term hours subtotal:	16		

Term 5 60 - 75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 ACT 301: Risk Management and Insurance (SB)	3	C	<ul style="list-style-type: none"> <li>Meet with your academic advisor to discuss post-graduation plans, e.g. graduate school, career preparation.</li> <li>Upper-division MAT/STP courses should be taken through the Tempe campus, unless approved by a SoMSS advisor.</li> <li>STP 421 may be taken in place of ACT 415.</li> <li>Students seeking VEE accreditation should select an elective from the course list in the note at the bottom of the major map. For this term, ACC 241 counts towards the VEE requirement for Accounting and Finance.</li> </ul>
 ACT 410: Mathematics of Finance	3	C	
 ACT 415: Probability for Risk Management	3	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Elective	3		
Maintain 3.00 GPA in Major Courses.			
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 ACT 370: Software Tools for Business Analytics	3	C	<ul style="list-style-type: none"> <li>Meet with a career counselor from ASU Career Services for a review of your <b>resume</b> and interviewing tips for success.</li> <li>Upper-division MAT/STP courses should be taken through the Tempe campus, unless approved by a SoMSS advisor.</li> <li>Options for the Science and Society electives are found at this <a href="#">website</a>.</li> <li>STP 427 satisfies the VEE requirement for Mathematical Statistics by the Society of Actuaries (SOA), Casualty Actuarial Society (CAS), and Canadian Institute of Actuaries (CIA).</li> <li>DAT 301 may be used in place of ACT 370.</li> </ul>
 STP 427: Mathematical Statistics	3	C	
Upper Division Risk Management Course	3	C	
Upper Division Science and Society Elective	3	C	
Cultural Diversity in the U.S. (C)	3		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Maintain 3.00 GPA in Major Courses.			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 ACT 435: Statistics for Risk Modeling	3	C	



★ Upper Division Advanced Course	3	C
ACT 440: Single Life Mortality OR ACT 450: Actuarial Models	3	C
Upper Division Risk Management Course	3	C
Elective	3	
Maintain 3.00 GPA in Major Courses.		
Term hours subtotal:	15	

- Meet with your academic advisor to discuss post-graduation plans, e.g. graduate school, career preparation.
- Develop your **professional online presence**.
- Students seeking VEE accreditation should select an elective from the course list in the note at the bottom of the major map. For this term, FIN 300 counts towards the VEE requirement for Accounting and Finance.

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ACT 420: Ratemaking and Reserving	3	C	<ul style="list-style-type: none"> <li>• Meet with your academic advisor for final degree check and apply for graduation through your My ASU.</li> </ul>
★ ACT 441: Long-Term Actuarial Mathematics OR ACT 451: Short-Term Actuarial Mathematics	3	C	
★ Upper Division Advanced Course	3	C	
ACT 440: Single Life Mortality OR ACT 450: Actuarial Models	3	C	
Elective	3		
Maintain 3.00 GPA in Major Courses.			
Term hours subtotal:	15		

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.
- The object of the degree is to prepare students to sit for exams to gain certification as an actuary. One of the optional certifications that individuals may pursue is completion of the VEE requirements from the Society of Actuaries or the Casualty Actuarial Society. This certification requires additional experience not covered in the maximum credits allowed for the degree.

However, students may decide to include these additional courses in their 12 hours of elective credit. ASU courses that meet VEE requirements include:

- STP 427 - requirement for Mathematical Statistics (Prerequisite(s): ACT 415 or STP 421 with C or better; STP 281 or 420 with C or better). This class is required for the degree and will not satisfy an elective. However, it is still a part of the overall VEE curriculum for the purposes of this list.
- ECN 211 and ECN 212 - sequence requirement for Economics
- FIN 300 - requirement for Fundamentals of Finance (Prerequisite(s) with C or better: ACC 231, 232 or 261; ECN 212; ECN 221, ECN 231, IEE 380 or STP 280; MAT 210, 251, 265 or 270; Non-Business: min 2.50 GPA; min 56 hours; Pre- or corequisite(s): ACC 241, 242 or 271; Credit allowed for only FIN 300, 302 or 303)

Hide Course List(s)/Track Group(s)

Risk Management Courses	Advanced Courses
ACT 302: Fundamentals of Enterprise Risk Management	ACT 430: Mathematics of Financial Derivatives
ACT 320: Property and Casualty Insurance	ACT 441: Long-Term Actuarial Mathematics
ACT 330: Life and Health Insurance	ACT 451: Short-Term Actuarial Mathematics
ACT 484: Internship	ACT 455: Quantitative Risk Management
ACT 490: Emerging Risks	ACT 494: Machine Learning in Risk Management Applications
ACT 491: Actuarial Exam Preparation Seminar	ACT 494: Regression Modeling in Insurance
ACT 494: Communications for Business	
ACT 494: Organizational Behavior	
ACT 494: Report Writing	

**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.






## 2023 - 2024 Major Map

### African and African American Studies, BA

School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe](#)

LAAFRBA

Term 1 0 - 14 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 AFR 200: Introduction to Africana Studies (SB & G & H)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
MAT 142: College Mathematics (MA)	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Term hours subtotal:	14		
Term 2 14 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>Activate your <a href="#">Handshake account</a> and build out your profile.</li> </ul>
Related Area Courses	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		
Term 3 30 - 46 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
AFR Elective	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Humanities, Arts and Design (HU)	3		
Literacy and Critical Inquiry (L)	3		

Elective	3
.....	
📌 Complete First-Year Composition requirement.	
.....	
📌 Complete Mathematics (MA) requirement.	
.....	
Term hours subtotal:	16

Term 4 46 - 60 Credit Hours <b>Critical course signified by</b> 📌	Hours	Minimum Grade	Notes
📌 AFR 300: Precolonial Africa (SB & G & H)	3	C	• Explore an <b>internship</b>
Upper Division Related Area Courses	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	14		

Term 5 60 - 75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ AFR 305: The Global History of the Trans-Atlantic Slave Trade (SB & H)	3	C	• Develop your <b>professional online presence</b>
AFR Upper Division Elective	3	C	
Upper Division Related Area Courses	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	2		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
Complete 2 courses: AFR Upper Division Elective	6	C	
Upper Division Related Area Courses	3	C	
Complete 2 courses: Elective	6		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ AFR 428: Critical Race Theory	3	C	• Gather <b>professional references</b>
Upper Division Related Area Courses	3	C	
Complete 2 courses: Upper Division Elective	6		
Elective OR SST 484: Internship	3		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ AFR 498: Pro-Seminar (L)	3	C	
AFR Upper Division Elective	3	C	
Upper Division Elective	3		
Complete 2 courses:			

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 Term hours subtotal: 15
 

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- Related Area Courses: To see a complete list of available courses, schedule an appointment with an advisor in the School of Social Transformation. The following is a sample of the courses that will qualify for these areas.

#### Hide Course List(s)/Track Group(s)

##### Related Area Courses

AFR OR AMS OR APA OR JUS OR SST OR  
WST Elective

#### Notes:

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

#### General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map

### African and African American Studies, BA

School/College: [The College of Liberal Arts and Sciences](#)



Location: [Online ASU Local](#)

LAAFRBA

Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ASU 101-LA: The ASU Experience	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students</li> </ul>
AFR 200: Introduction to Africana Studies (SB & G & H)	3	C	
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Term hours subtotal:	7		

Term 1 - B 7 - 16 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR			<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> <li>Activate your <b>Handshake account</b> and build our your profile.</li> </ul>
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
MAT 142: College Mathematics (MA)	3	C	
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	9		

Term 2 - A 16 - 23 Credit Hours	Hours	Minimum Grade	Notes
Related Area Courses	3	C	<ul style="list-style-type: none"> <li><b>ASU Language Placement:</b> Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.</li> </ul>
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Term hours subtotal:	7		

Term 2 - B 23 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	7		

Term 3 - A 30 - 37 Credit Hours	Hours	Minimum Grade	Notes
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Second Language: Requirement satisfied through the following:  
 \* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.

AFR Elective 3 C


Term hours subtotal: 7

Term 3 - B 37 - 45 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
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Second Language: Requirement satisfied through the following:  
 \* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.

Natural Science - Quantitative (SQ) 4

 Complete First-Year Composition requirement.

 Complete Mathematics (MA) requirement.

Term hours subtotal: 8

Term 4 - A 45 - 54 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
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 AFR 300: Precolonial Africa (SB & G & H) 3 C

Computer/Statistics/Quantitative Applications (CS) 3

Elective 3

Term hours subtotal: 9


Term 4 - B 54 - 60 Credit Hours	Hours	Minimum Grade	Notes
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Upper Division Related Area Courses 3 C

Literacy and Critical Inquiry (L) 3

Term hours subtotal: 6

• Explore an **internship**.


Term 5 - A 60 - 67 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
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 AFR 305: The Global History of the Trans-Atlantic Slave Trade (SB & H) 3 C

Natural Science - Quantitative (SQ) OR Natural Science - General (SG) 4

Term hours subtotal: 7

• Develop your **professional online presence**

Term 5 - B 67 - 75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
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 AFR Upper Division Elective 3 C

Upper Division Related Area Courses 3 C

Elective 2

Term hours subtotal: 8

Term 6 - A 75 - 84 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
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 Complete 2 courses:  
 AFR Upper Division Elective 6 C

Elective 3

Term hours subtotal: 9

Term 6 - B 84 - 90 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
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Upper Division Related Area Courses	3	C
Elective	3	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
Term hours subtotal:	6	

Term 7 - A 90 - 99 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ AFR 428: Critical Race Theory	3	C	• Gather professional references.
Complete 2 courses:			
Elective	6		
Term hours subtotal:	9		

Term 7 - B 99 - 105 Credit Hours	Hours	Minimum Grade	Notes
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Upper Division Related Area Courses	3	C
Elective	3	
Term hours subtotal:	6	

Term 8 - A 105 - 114 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ AFR 498: Pro-Seminar (L)	3	C
Complete 2 courses:		
Upper Division Elective	6	
Term hours subtotal:	9	

Term 8 - B 114 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ AFR Upper Division Elective	3	C
Upper Division Elective	3	
Term hours subtotal:	6	

- Related Area Courses: To see a complete list of available courses, schedule an appointment with an advisor in the School of Social Transformation. The following is a sample of the courses that will qualify for these areas.

Hide Course List(s)/Track Group(s)

Related Area Courses
AFR OR AMS OR APA OR JUS OR SST OR WST Elective

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that



guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map




### American Indian Studies, BS





School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe](#)

LAAISBS

Term 1 0 - 16 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 AIS 180: Introduction to American Indian Studies (C)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students</li> <li>Select your <b>career</b> interest and play <a href="mailto:me3@ASU">me3@ASU</a></li> </ul>
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
MAT 142: College Mathematics (MA)	3	C	
Social-Behavioral Sciences (SB)	3		
Elective	3		
Term hours subtotal:	16		

Term 2 16 - 31 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 AIS 280: American Indian Sovereignty and the Courts (H & C)	3	C	<ul style="list-style-type: none"> <li>Students are encouraged to consult with their academic advisor regarding the possibility of using elective hours toward completion of a certificate, minor or concurrent major that may complement the BS in American Indian Studies.</li> <li>Join a <b>student club</b> or professional organization</li> </ul>
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
Humanities, Arts and Design (HU)	3		
Complete 2 courses: Elective	6		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		

Term 3 31 - 47 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 AIS Emphasis Area Course	3	C	<ul style="list-style-type: none"> <li>Students are encouraged to take AIS 294: Readings and Writings in American Indian Studies as a prerequisite to success in upper-division courses in the major.</li> <li>Students should choose 18 hours in one of two emphasis areas shown in the track groups below. At least 12 hours must be taken at the upper-division level. Other courses in the AIS subject may be used toward the emphasis area with prior approval of the academic advisor.</li> </ul>
Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Complete 2 courses: Elective	6		
 Complete First-Year Composition requirement.			
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		

Term 4 47 - 63 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
⚠ AIS 285: Federal Indian Policy (H & C)	3	C	<ul style="list-style-type: none"> <li>• Create a first draft <b>resume</b>.</li> </ul>
⚠ AIS Emphasis Area Course	3	C	
Science and Society Elective	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	3		
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ AIS 380: Contemporary Issues of American Indian Nations (C)	3	C	<ul style="list-style-type: none"> <li>• AIS 380 is offered in Fall semesters only.</li> <li>• Gather <b>professional references</b>.</li> </ul>
Upper Division AIS Emphasis Area Course	3	C	
Upper Division Science and Society Elective	3	C	
Humanities, Arts and Design (HU)	3		
Elective	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ AIS 370: American Indian Languages and Cultures (C)	3	C	<ul style="list-style-type: none"> <li>• AIS 370 is offered in Spring semesters only.</li> <li>• Develop your <b>professional online presence</b>.</li> </ul>
JUS 302: Statistical Analysis for Justice Studies (CS)	3	C	
Upper Division AIS Emphasis Area Course	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ AIS 420: American Indian Studies Research Methods (L)	3	C	<ul style="list-style-type: none"> <li>• For the Upper Division Emphasis Area Course: AIS 484 Internships strongly recommended in either term 7 or 8.</li> <li>• Research <b>employment opportunities</b>.</li> <li>• AIS 420 is offered in Fall semesters only.</li> </ul>
Upper Division AIS Emphasis Area Course	3	C	
Upper Division Elective OR AIS 484: Internship	3		
Complete 2 courses:			
Elective	6		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ AIS 498: Pro-Seminar (L)	3	C	<ul style="list-style-type: none"> <li>• For the Upper Division Emphasis Area Course: AIS 484 Internship is strongly recommended in either term 7 or 8.</li> <li>• AIS 498 is offered Spring semesters only.</li> </ul>
Upper Division AIS Emphasis Area Course	3	C	
Complete 2 courses:			
Upper Division Elective	6		
Term hours subtotal:	12		

- Students must choose 18 credit hours in one of two emphasis areas shown in the track groups below. At least 12 credit hours must be taken at the upper-division level. Other courses in the AIS subject may be used toward the emphasis area with prior approval of the academic advisor.
- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Legal Policy, Community and Economic Development Emphasis Area	Arts, Languages and Cultures Emphasis Area
AIS 360: Issues in Urban Indian Country (C)	AIS 101: Beginning Navajo I
AIS 455: Human Rights and Cultural Resource Laws	AIS 102: Beginning Navajo II
AIS 470: Tribal Governance	AIS 201: Intermediate Navajo I
AIS 480: Actualizing Decolonization (HU & C & G)	AIS 202: Intermediate Navajo II
AIS 484: Internship	AIS 320: American Indian Philosophies and World Views (HU & C)
AIS 494: American Indian Rights	AIS 360: Issues in Urban Indian Country (C)
AIS 494: Crime in Indian Country	AIS 365: American Indian and Indigenous Film
AIS 494: Indigenous Media and Image-Making	AIS 381: American Indian Women (C)
AIS 499: Individualized Instruction	AIS 394: Reservation Economic Development
	AIS 440: Cultural Professionalism (C)
	AIS 480: Actualizing Decolonization (HU & C & G)
	AIS 484: Internship
	ENG 359: Indigenous American Literature ((L or HU) & C)

**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**General University Requirements Legend**

General Studies Core Requirements:

**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum  
**Total College Residency Hrs:** 12 minimum

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map



### American Studies, BA



School/College: [The College of Liberal Arts and Sciences](#)


Location: [Tempe](#)

LAAMRSTBA



Term 1 0 - 14 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 APA 210: Introduction to Ethnic Studies in the U.S. (C)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students</li> <li><b>ASU Language Placement:</b> Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
MAT 142: College Mathematics (MA)	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Term hours subtotal:	14		



Term 2 14 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 AMS 201: Introduction to American Studies (L & C)	3	C	<ul style="list-style-type: none"> <li>Activate your <b>Handshake account</b> and build out your profile.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Elective	3		
Term hours subtotal:	16		

Term 3 30 - 44 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Elective	3		
 Complete First-Year Composition requirement.			



 Complete Mathematics (MA) requirement

Term hours subtotal: 14

Term 4 44 - 60 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 Politics, Policies, and Social Movements Course	3	C	• Explore an <b>internship</b> .
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Complete 2 courses: Elective	5		
Term hours subtotal:	16		

Term 5 60 - 75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 AFR 428: Critical Race Theory OR AMS 380: Race, Gender, and Class (SB & C) OR APA 352: Borders, Prisons and Suburbs (SB & C) OR TCL 303: Transborder Theory (SB)	3	C	• Develop your <b>professional online presence</b> .
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Social-Behavioral Sciences (SB)	3		
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 SST 301: Mixed Research Methods for American Communities	3	C	
Upper Division U.S. Arts, Media, and Culture Course	3	C	
Diversity, Inequality, and Social Justice Course	3	C	
Humanities, Arts and Design (HU)	3		
Upper Division Elective	3		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 AMS 498: Pro-Seminar (L) OR SST 484: Internship OR SST 493: Honors Thesis OR SST 499: Individualized Instruction	3	C	• Gather <b>professional references</b> .
Upper Division Politics, Policies, and Social Movements Course	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 Upper Division Literacy and Critical Inquiry (L)	3		
Upper Division Diversity, Inequality, and Social Justice Course	3	C	
Upper Division U.S. Arts, Media, and Culture Course	3	C	

Term hours subtotal: 15

Hide Course List(s)/Track Group(s)

U.S. Arts, Media, and Culture Courses	Politics, Policies, and Social Movements Courses	Diversity, Inequality, and Social Justice Courses
AFR 351: Gender and Hip Hop	AFR 302: History of Black Women in America (SB & H)	AFR 317: Genes, Race and Society (SB & H & C)
AMS 326: Popular Culture	AFR 330: Survey of African American Politics (SB & H)	AFR 460: Race, Gender, and Media (C)
AMS 336: The American Southwest in Literature and Film ((L or HU) & C)	AFR 365: Unruly Voices: Black Women and Cultural Narratives (HU & C)	AIS 180: Introduction to American Indian Studies (C)
AMS 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C)	AFR 465: Harlem Renaissance: a Cultural History: 1877-1945	AIS 360: Issues in Urban Indian Country (C)
AMS 420: Theatre in America (HU)	AIS 280: American Indian Sovereignty and the Courts (H & C)	AMS 332: Studies in Race and Ethnicity
APA 310: Asian Pacific American Arts and Cultures (HU & C)	AIS 285: Federal Indian Policy (H & C)	AMS 334: Class in America (SB)
APA 315: Asian Pacific American Literature (HU & C)	AMS 276: U.S. Women's Movements (H & C)	AMS 449: Hate Speech, Manifestos, and Radical Writings (SB & C)
APA 340: Asian Pacific Americans and Media (HU & C)	AMS 330: American Lives (HU & C)	AMS 450: Latina/os, Schooling and Social Inequality (C)
APA 345: Asian Pacific Americans and Film (HU & C & H)	AMS 412: Studies in American Politics and Law (H)	APA 330: Asian Pacific American Genders and Sexualities ((L or SB) & C)
TCL 363: Transborder Mexican and Chicano/a Literature of Southwest North America ((L or HU) & C)	AMS 417: Religious Traditions of the American Southwest	APA 350: Inequality and Diversity in Education (L & C)
TCL 471: Latinos In Hollywood (HU & C)	AMS 428: Peoples and Cultures of the American West, to 1848 (SB & H)	APA 360: Asian Pacific American Experience
	JUS 235: Disability, Justice and Advocacy (C)	APA 450: Asian Pacific American Contemporary Issues (SB & C)
	SST 294: Introduction to LGBTQ History and Culture	JUS 437: The Social Construction of Disability and Justice
	TCL 340: Chicana/o and Latina/o Politics and Policy (L & C)	WST 413: Queer Studies (HU & C)
	TCL 377: Arizona, Immigration, Latinos and Politics	
	WST 377: History of American Feminist Thought (H & C)	

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.



- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

#### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.





## 2023 - 2024 Major Map

### Anthropology, BA

School/College: The College of Liberal Arts and Sciences

Location: Tempe

LAASBBA

Term 1 0 - 14 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
<p>ASB 102: Introduction to Cultural Anthropology (SB &amp; G) OR ASM 104: Bones, Stones, and Human Evolution (SB or SG) OR ASB 222: Buried Cities and Lost Tribes ((HU or SB) &amp; G &amp; H) or ASB 223: Aztecs, Incas and Mayas ((HU or SB) &amp; G &amp; H)</p>	3-4	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>Students must take ASB 102 and ASM 104. They will choose either ASB 222 or ASB 223.</li> <li><b>ASU Language Placement:</b> Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.</li> <li>Select your <b>career interest area</b> and play <b>me3@ASU</b>.</li> <li>Create a first draft <b>resume</b>.</li> </ul>
<p>ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition</p>	3	C	
<p>LIA 101: Student Success in The College of Liberal Arts and Sciences</p>	1		
<p>MAT 142: College Mathematics (MA)</p>	3	C	
<p>Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.</p>	4	C	
<p>Maintain 2.00 GPA in Critical Tracking Courses.</p>			
<p>Term hours subtotal:</p>	14-15		
Term 2 14 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
<p>ASB 102: Introduction to Cultural Anthropology (SB &amp; G) OR ASM 104: Bones, Stones, and Human Evolution (SB or SG) OR ASB 222: Buried Cities and Lost Tribes ((HU or SB) &amp; G &amp; H) or ASB 223: Aztecs, Incas and Mayas ((HU or SB) &amp; G &amp; H)</p>	3-4	C	<ul style="list-style-type: none"> <li>Join a <b>student club</b> or professional organization.</li> </ul>
<p>ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition</p>	3	C	
<p>Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.</p>	4	C	
<p>Natural Science - Quantitative (SQ)</p>	4		
<p>Elective</p>	2		
<p> Complete ENG 101 OR ENG 105 OR ENG 107 course(s).</p>			
<p>Maintain 2.00 GPA in Critical Tracking Courses.</p>			
<p>Term hours subtotal:</p>	16-17		
Term 3 30 - 44 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes

<p>❖ ASB 102: Introduction to Cultural Anthropology (SB &amp; G) OR ASM 104: Bones, Stones, and Human Evolution (SB or SG) OR ASB 222: Buried Cities and Lost Tribes ((HU or SB) &amp; G &amp; H) or ASB 223: Aztecs, Incas and Mayas ((HU or SB) &amp; G &amp; H)</p> <p>Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.</p> <p>Cultural Diversity in the U.S. (C)</p> <p>Elective</p> <p>❖ Complete First-Year Composition requirement.</p> <p>❖ Complete Mathematics (MA) requirement.</p> <p>Maintain 2.00 GPA in Critical Tracking Courses.</p>	4-3	C
Term hours subtotal:	14-13	

- Secure a part-time job or volunteer experience.
- Develop your skills.

Term 4 44 - 59 Credit Hours Critical course signified by ❖	Hours	Minimum Grade	Notes
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<p>ASB 394: Statistics for Social Scientists OR ASM 463: A Practical Guide to Bayesian Data Analysis OR ASM 465: Quantification and Analysis for Anthropologists (CS) OR STP 226: Elements of Statistics (CS) OR STP 231: Statistics for Life Science (CS) OR SOC 390: Social Statistics I (CS)</p> <p>Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.</p> <p>Humanities, Arts and Design (HU)</p> <p>Literacy and Critical Inquiry (L)</p> <p>Elective</p> <p>Maintain 2.00 GPA in Critical Tracking Courses.</p>	3	C
Term hours subtotal:	15	

- Explore an internship.

Term 5 59 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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<p>★ Upper Division Sociocultural Course</p> <p>Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)</p> <p>Computer/Statistics/Quantitative Applications (CS)</p> <p>Natural Science - Quantitative (SQ) OR Natural Science - General (SG)</p> <p>Elective</p>	3	C
Term hours subtotal:	16	

- Field school opportunities (archaeological and physical) can count toward major degree requirements. Talk with your advisor about available opportunities.
- Develop your professional online presence.

Term 6 75 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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<p>★ Upper Division Anthropology Practicum</p> <p>Upper Division Literacy and Critical Inquiry (L)</p> <p>Complete 3 courses: Upper Division Elective</p> <p>★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).</p>	3	C
Term hours subtotal:	15	

- Research employment opportunities.
- Complete an in person or virtual practice interview.

Term 7 90 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ Upper Division Physical/Evolutionary Anthropology Course	3	C
ASB OR ASM Upper Division Elective	3	C
<i>Complete 2 courses:</i>		
Upper Division Elective	6	
Elective	3	
Term hours subtotal:	15	

- Gather professional references.
- Apply for full-time career opportunities.

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ASB OR ASM Upper Division Elective	3	C	
Upper Division Archaeology Course	3	C	
<i>Complete 2 courses:</i>			
Upper Division Elective	6		
Elective	3		
Term hours subtotal:	15		

Hide Course List(s)/Track Group(s)

Anthropology Practicum	Archaeology Courses	Physical/Evolutionary Anthropology Courses
ASB 302: Ethnographic Field Study ((L or SB) & G)	ASB 301: Global History of Health (SB & G & H)	ASB 301: Global History of Health (SB & G & H)
ASB 373: Applying Anthropology (L or SB)	ASB 326: Human Impacts on Ancient Environments (SB & H)	ASB 368: Hunter-Gatherers (SB)
ASB 389: Ethnographic Field Lab	ASB 330: Understanding Archaeology (SB)	ASB 394: Modeling Simulation Neglected Tropical Diseases
ASB 395: Topics in Comparative Culture (SB & G)	ASB 333: Frauds, Myths and Mysteries ((HU or SB) & G)	ASB 408: Advanced Evolutionary Medicine
ASB 443: Cross-Cultural Studies in Global Health ((L or SB) & G)	ASB 335: Ancient Ruins of the Southwest (SB & H & C)	ASB 448: Maternal and Child Health or BIO 448: Maternal and Child Health
ASB 452: Community Partnerships for Global Health (SB)	ASB 337: Pyramids and Hieroglyphs: Life in Ancient Mesoamerica ((HU or SB) & G & H)	ASB 494: Applied Epidemiology
ASB 455: Practicum for Social Sciences (SB)	ASB 338: Archaeology of North America (SB)	ASB 494: Reproductive Ecology
ASB 484: Internship	ASB 361: Human Cultural Beginnings (H)	ASM 301: Peopling of the World (SB)
ASB 494: Access, Equity and Inclusion in Higher Education	ASB 362: People and Plants	ASM 313: Great Adaptations
ASB 499: Individualized Instruction	ASB 366: African Archaeology: Precolonial Urban Culture (SB & H)	ASM 332: Life and Death in Ancient Egypt
ASM 338: Anthropological Field Session	ASB 368: Hunter-Gatherers (SB)	ASM 338: Bioarchaeology and the Human Skeleton
ASM 338: Bioarchaeology and the Human Skeleton	ASB 490: Earliest Cities (SB & H)	ASM 341: Human Osteology
ASM 338: Field Archaeology & Geophysical Testing	ASM 338: Bioarchaeology and the Human Skeleton	ASM 342: Evolution of Human Behavior or BIO 327: Evolution of Human Behavior
ASM 341: Human Osteology	ASM 338: Field Archaeology & Geophysical Testing	ASM 344: Fossil Hominids
ASM 344: Fossil Hominids	ASM 350: Geoarchaeology	ASM 345: Disease and Human Evolution
ASM 365: Doing Archaeology		ASM 394: Evolution and Medicine Visiting Speaker Recitation
		ASM 401: Health and Human Biology

ASM 414: Urban, Environmental and Health Challenges (SB)

ASM 443: Primatology

ASM 452: Dental Anthropology (SG)

ASM 365: Doing Archaeology

ASM 450: Bioarchaeology (SB & G)

ASM 403: Evolutionary Medicine and Global Health

ASM 443: Primatology

ASM 446: Principles of Human Genetics (L)

ASM 450: Bioarchaeology (SB & G)

ASM 452: Dental Anthropology (SG)

ASM 456: Infectious Disease and Human Evolution

ASM 459: Forensic Anthropology

ASM 460: Human Growth and Development: An Evolutionary Perspective

ASM 463: A Practical Guide to Bayesian Data Analysis

ASM 465: Quantification and Analysis for Anthropologists (CS)

ASM 466: The Evolution of Preindustrial Technology

ASM 494: Evolution and Mental Disorders

ASM 494: Models in Social Evolution

ASM 494: Social Complexity

#### Sociocultural Courses

ASB 300: Food and Culture ((L or SB) & C)

ASB 302: Ethnographic Field Study ((L or SB) & G)

ASB 305: Poverty and Global Health ((L or SB) & G)

ASB 310: Precolonial Africa (SB & G & H)

ASB 311: Principles of Social Anthropology (SB & G & H)

ASB 316: Money and Culture (L or SB)

ASB 319: The North American Indian

ASB 322: Peoples of Latin America ((L or SB) & G)

ASB 325: Peoples of Southeast Asia (G)

ASB 327: Disaster! ((L or SB) & C)

ASB 336: African Art (HU & G)

ASB 339: Grassroots Social Movements (SB)

ASB 340: Migration and Culture (SB & G)

ASB 342: Mexico-U.S. Borderlands (SB & C)

ASB 343: Latinas/os and the Environment

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ASB 344: Technology and Society (L or SB)

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ASB 345: Culture and Society Transformation (SB & G)

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ASB 346: Marriage and Family Diversity (SB & C)

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ASB 348: The Borders of Language (L)

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ASB 350: Anthropology and Art (HU)

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ASB 353: Death and Dying in Cross-Cultural Perspective ((HU or SB) & G)

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ASB 355: Traditional Medicine and Healing (HU or SB)

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ASB 356: Central American Studies (SB & G)

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ASB 357: Society, Drugs and Health (SB & G)

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ASB 358: The Yoruba and the Atlantic World

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ASB 370: Ethics of Eating (L or SB) or SOS  
370: Ethics of Eating (L or SB)

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ASB 371: Language Hegemony and Culture

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ASB 374: Cultures and Politics of the Internet (SB)

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ASB 375: Humans and the Environment: What's the Connection? ((L or SB) & G)

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ASB 376: Global Health Policy

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ASB 378: Globalization: Migration, Mass Media, McDonald's ((L or SB) & C)

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ASB 380: Language, Culture and Gender (SB)

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ASB 383: Religion and Sports (HU)

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ASB 389: Ethnographic Field Lab

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ASB 394: Statistics for Social Scientists

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ASB 395: Topics in Comparative Culture (SB & G)

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ASB 412: History of Anthropology (L or SB)

---

ASB 417: Politics and Culture (L)

---

ASB 421: Education and Society (SB)

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ASB 442: Global Cities (SB & G)

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ASB 443: Cross-Cultural Studies in Global Health ((L or SB) & G)

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ASB 452: Community Partnerships for Global Health (SB)

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ASB 455: Practicum for Social Sciences (SB)

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ASB 457: Global Mental Health (L or SB) & G)

ASB 462: Medical Anthropology: Culture and Health (SB & C)

ASB 463: Political Ecology of the Border (SB & G)

ASB 464: The Ethnography of Mexico and the Borderlands (SB & G)

ASB 466: Peoples and Cultures of Africa (SB & G)

ASB 494: Ethnography of Schooling in the Borderlands

ASB 494: Facing Immigration

ASM 414: Urban, Environmental and Health Challenges (SB)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
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**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

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**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

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**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
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General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.








## 2023 - 2024 Major Map

### Anthropology, BA

School/College: [The College of Liberal Arts and Sciences](#)

Location: [Online ASU Local](#)

LAASBBA

Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ASB 102: Introduction to Cultural Anthropology (SB & G) OR ASB  222: Buried Cities and Lost Tribes ((HU or SB) & G & H) OR ASM 104: Bones, Stones, and Human Evolution (SB or SG)	3-4	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar is required for all first-year students.</li> <li>Select your <b>career interest area</b> and play <a href="mailto:me3@asu">me3@ASU</a>.</li> </ul>
ASU 101-LA: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Term hours subtotal:	7-8		
Term 1 - B 7 - 12 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR			<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> </ul>
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Elective	2		
Term hours subtotal:	5		
Term 2 - A 12 - 19 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ASB 102: Introduction to Cultural Anthropology (SB & G) OR ASB  222: Buried Cities and Lost Tribes ((HU or SB) & G & H) OR ASM 104: Bones, Stones, and Human Evolution (SB or SG)	3-4	C	<ul style="list-style-type: none"> <li><b>ASU Language Placement:</b> Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.</li> <li>Create a first draft <a href="#">resume</a>.</li> </ul>
Second Language: Requirement satisfied through the following:			
* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Term hours subtotal:	7-8		
Term 2 - B 19 - 26 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
MAT 142: College Mathematics (MA)	3	C	<ul style="list-style-type: none"> <li>Mathematics Placement Assessment score determines placement in mathematics course.</li> <li><b>Network</b> in your career interest area.</li> </ul>
Second Language: Requirement satisfied through the following:			
* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	7		
Term 3 - A 26 - 34 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes



<p>ASB 102: Introduction to Cultural Anthropology (SB &amp; G) OR ASB 222: Buried Cities and Lost Tribes ((HU or SB) &amp; G &amp; H) OR ASM 104: Bones, Stones, and Human Evolution (SB or SG)</p>	4	C	<ul style="list-style-type: none"> <li>Join a <b>student club</b> or professional organization.</li> </ul>
<p>Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.</p>	4	C	
Term hours subtotal:	8		

Term 3 - B 34 - 41 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
<p>Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.</p>	4	C	
Elective	3		
⚠ Complete First-Year Composition requirement.			
⚠ Complete Mathematics (MA) requirement.			
Term hours subtotal:	7		

Term 4 - A 41 - 47 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
<p>ASB 394: Statistics for Social Scientists OR SOC 390: Social Statistics I (CS) OR STP 226: Elements of Statistics (CS) OR STP 231: Statistics for Life Science (CS)</p>	3	C	<ul style="list-style-type: none"> <li>Some General Studies requirements can overlap with major courses, leaving more room for electives. Consult an academic advisor to select the best courses for your personal plan of study.</li> <li>Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> </ul>
Elective	3		
Term hours subtotal:	6		

Term 4 - B 47 - 54 Credit Hours	Hours	Minimum Grade	Notes
Natural Science - Quantitative (SQ)	4		
Elective	3		
Term hours subtotal:	7		

Term 5 - A 54 - 60 Credit Hours	Hours	Minimum Grade	Notes
Literacy and Critical Inquiry (L)	3		<ul style="list-style-type: none"> <li>Develop your <b>skills</b>.</li> </ul>
Elective	3		
Term hours subtotal:	6		

Term 5 - B 60 - 66 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Upper Division Sociocultural Course	3	C	<ul style="list-style-type: none"> <li>Explore an <b>internship</b>.</li> </ul>
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	6		

Term 6 - A 66 - 72 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		<ul style="list-style-type: none"> <li>Develop your <b>professional online presence</b>.</li> </ul>
Computer/Statistics/Quantitative Applications (CS)	3		
Term hours subtotal:	6		

Term 6 - B 72 - 78 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Anthropology Practicum	3	C	
Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		
Term 7 - A 78 - 84 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Literacy and Critical Inquiry (L)	3		• Research employment opportunities.
Upper Division Elective	3		
Term hours subtotal:	6		
Term 7 - B 84 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Physical/Evolutionary Anthropology Course	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		
Term 8 - A 90 - 96 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ASB OR ASM Upper Division Elective	3	C	• Complete an in person or virtual practice interview.
Upper Division Elective	3		
Term hours subtotal:	6		
Term 8 - B 96 - 102 Credit Hours	Hours	Minimum Grade	Notes
Humanities, Arts and Design (HU)	3		
Upper Division Elective	3		
Term hours subtotal:	6		
Term 9 - A 102 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Archaeology Course	3	C	• Gather professional references.
Upper Division Elective	3		
Term hours subtotal:	6		
Term 9 - B 108 - 114 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	6		
Term 10 - A 114 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ASB OR ASM Upper Division Elective	3	C	• Apply for full-time career opportunities.
Upper Division Elective	3		
Term hours subtotal:	6		

Hide Course List(s)/Track Group(s)

Anthropology Practicum	Archaeology Courses	Physical/Evolutionary Anthropology Courses
ASB 373: Applying Anthropology (L or SB)	ASB 301: Global History of Health (SB & G & H)	ASB 301: Global History of Health (SB & G & H)
ASB 395: Topics in Comparative Culture (SB & G)	ASB 330: Understanding Archaeology (SB)	ASB 408: Advanced Evolutionary Medicine
ASB 443: Cross-Cultural Studies in Global Health ((L or SB) & G)	ASB 333: Frauds, Myths and Mysteries ((HU or SB) & G)	ASB 448: Maternal and Child Health
ASB 452: Community Partnerships for Global Health (SB)	ASB 335: Ancient Ruins of the Southwest (SB & H & C)	ASM 301: Peopling of the World (SB)
ASB 455: Practicum for Social Sciences (SB)	ASB 337: Pyramids and Hieroglyphs: Life in Ancient Mesoamerica ((HU or SB) & G & H)	ASM 332: Life and Death in Ancient Egypt
ASB 484: Internship	ASB 362: People and Plants	ASM 345: Disease and Human Evolution
ASB 499: Individualized Instruction	ASM 350: Geoarchaeology	ASM 401: Health and Human Biology
ASM 414: Urban, Environmental and Health Challenges (SB)	ASM 450: Bioarchaeology (SB & G)	ASM 403: Evolutionary Medicine and Global Health
ASM 443: Primatology		ASM 443: Primatology
		ASM 450: Bioarchaeology (SB & G)
Sociocultural Courses		
ASB 300: Food and Culture ((L or SB) & C)		
ASB 305: Poverty and Global Health ((L or SB) & G)		
ASB 316: Money and Culture (L or SB)		
ASB 322: Peoples of Latin America ((L or SB) & G)		
ASB 327: Disaster! ((L or SB) & C)		
ASB 336: African Art (HU & G)		
ASB 345: Culture and Society Transformation (SB & G)		
ASB 350: Anthropology and Art (HU)		
ASB 353: Death and Dying in Cross-Cultural Perspective ((HU or SB) & G)		
ASB 355: Traditional Medicine and Healing (HU or SB)		
ASB 357: Society, Drugs and Health (SB & G)		
ASB 370: Ethics of Eating (L or SB) or SOS 370: Ethics of Eating (L or SB)		
ASB 375: Humans and the Environment: What's the Connection? ((L or SB) & G)		
ASB 378: Globalization: Migration, Mass Media, McDonald's ((L or SB) & C)		
ASB 380: Language, Culture and Gender (SB)		
ASB 395: Topics in Comparative Culture (SB & G)		

ASB 452: Community Partnerships for Global Health (SB)

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ASB 455: Practicum for Social Sciences (SB)

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ASB 457: Global Mental Health ((L or SB) & G)

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ASB 462: Medical Anthropology: Culture and Health (SB & C)

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ASB 466: Peoples and Cultures of Africa (SB & G)

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ASM 414: Urban, Environmental and Health Challenges (SB)

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**Notes:**

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**Cumulative GPA:** 2.00 minimum

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**Academic Recognition:** 56 minimum

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**General University Requirements Legend**

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- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
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- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map




### Anthropology, BS



School/College: The College of Liberal Arts and Sciences

Location: Tempe

LAASBBS

Term 1 0 - 13 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
ASB 102: Introduction to Cultural Anthropology (SB & G) OR ASM  104: Bones, Stones, and Human Evolution (SB or SG) OR ASB 222: Buried Cities and Lost Tribes ((HU or SB) & G & H) or ASB 223: Aztecs, Incas and Mayas ((HU or SB) & G & H)	3-4	C	<ul style="list-style-type: none"> <li>Students who do not test into MAT 251 must take the math course they do place into in the first term. Do not take MAT 142, as it is not a prerequisite to MAT 251.</li> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>Students must take ASB 102 and ASM 104. They will choose between ASB 222 and ASB 223.</li> <li>Select your <b>career interest area</b> and play <b>me3@ASU</b>.</li> <li>Create a first draft <b>resume</b>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
Humanities, Arts and Design (HU)	3		
Elective	3		
Maintain 2.00 GPA in Critical Tracking Courses.			
Term hours subtotal:	13-14		

Term 2 13 - 29 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
ASB 102: Introduction to Cultural Anthropology (SB & G) OR ASM  104: Bones, Stones, and Human Evolution (SB or SG) OR ASB 222: Buried Cities and Lost Tribes ((HU or SB) & G & H) or ASB 223: Aztecs, Incas and Mayas ((HU or SB) & G & H)	3-4	C	<ul style="list-style-type: none"> <li>Join a <b>student club</b> or professional organization.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 251: Calculus for Life Sciences (MA)	3	C	
Natural Science - Quantitative (SQ)	4		
Elective	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Maintain 2.00 GPA in Critical Tracking Courses.			
Term hours subtotal:	16-17		

Term 3 29 - 45 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
ASB 102: Introduction to Cultural Anthropology (SB & G) OR ASM  104: Bones, Stones, and Human Evolution (SB or SG) OR ASB 222: Buried Cities and Lost Tribes ((HU or SB) & G & H) or ASB 223: Aztecs, Incas and Mayas ((HU or SB) & G & H)	4-3	C	<ul style="list-style-type: none"> <li>Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> <li>Develop your <b>skills</b>.</li> </ul>



ASB OR ASM Elective	3	C
Cultural Diversity in the U.S. (C)	3	
Complete 2 courses: Elective	6	
❖ Complete First-Year Composition requirement.		
❖ Complete Mathematics (MA) requirement.		
Maintain 2.00 GPA in Critical Tracking Courses.		
Term hours subtotal:		16-15

Term 4 45 - 61 Credit Hours Critical course signified by ❖	Hours	Minimum Grade	Notes
❖ Science and Society Elective	3	C	• Explore an <b>internship</b> .
ASB OR ASM Elective	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG) (ASM 275 recommended)	4		
Maintain 2.00 GPA in Critical Tracking Courses.			
Term hours subtotal:		16	

Term 5 61 - 76 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ASM 300: Anthropological Sciences Seminar	3	C	• Field school opportunities (archaeological or physical) can count toward major degree requirements. Talk to your advisor for available opportunities. • Develop your <b>professional online presence</b> .
★ ASM Upper Division Elective	3	C	
Upper Division Science and Society Elective	3	C	
Complete 2 courses: Elective	6		
Term hours subtotal:		15	

Term 6 76 - 91 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
ASB 394: Statistics for Social Scientists OR ASM 463: A Practical Guide to Bayesian Data Analysis OR ASM 465: Quantification and Analysis for Anthropologists (CS) OR BIO 415: Statistical Models for Biology (CS) OR SOC 390: Social Statistics I (CS) OR STP 420: Introductory Applied Statistics (CS)	3	C	• Research <b>employment opportunities</b> . • Complete an in person or virtual <b>practice interview</b> .
ASB OR ASM Upper Division Elective	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Complete 2 courses: Elective	6		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:		15	

Term 7 91 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ASM Upper Division Elective	3	C	• Gather <b>professional references</b> . • Apply for <b>full-time career opportunities</b> .
ASB OR ASM Upper Division Elective	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Elective OR ASB 484: Internship	3		

Elective	2		
Term hours subtotal: 14			
Term 8 105 - 120 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
 Complete 2 courses: ASM Upper Division Elective	6	C	
Complete 3 courses: Upper Division Elective	9		
Term hours subtotal: 15			

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum  
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map



### Anthropology, BS



School/College: [The College of Liberal Arts and Sciences](#)


Location: [Online ASU Local](#)

LAASBBS

Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ASB 102: Introduction to Cultural Anthropology (SB & G) OR ASM  104: Bones, Stones, and Human Evolution (SB or SG) OR ASB 222: Buried Cities and Lost Tribes ((HU or SB) & G & H) or ASB 223: Aztecs, Incas and Mayas ((HU or SB) & G & H)	3-4	C	<ul style="list-style-type: none"> <li>Students who do not test into MAT 251 must take the math course they do place into in the first term. Do not take MAT 142, as it is not a prerequisite to MAT 251.</li> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>Students must take ASB 102 and ASM 104. They will choose between ASB 222 and ASB 223.</li> <li>Select your <b>career interest area</b> and play <a href="mailto:me3@asu.edu">me3@ASU</a>.</li> <li>Create a first draft <b>resume</b>.</li> </ul>
ASU 101-LA: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7-8		

Term 1 - B 7 - 14 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ASB 102: Introduction to Cultural Anthropology (SB & G) OR ASM  104: Bones, Stones, and Human Evolution (SB or SG) OR ASB 222: Buried Cities and Lost Tribes ((HU or SB) & G & H) or ASB 223: Aztecs, Incas and Mayas ((HU or SB) & G & H)	4-3	C	<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Maintain 2.00 GPA in Critical Tracking Courses.			
Term hours subtotal:	7-6		

Term 2 - A 14 - 21 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ASB 102: Introduction to Cultural Anthropology (SB & G) OR ASM  104: Bones, Stones, and Human Evolution (SB or SG) OR ASB 222: Buried Cities and Lost Tribes ((HU or SB) & G & H) or ASB 223: Aztecs, Incas and Mayas ((HU or SB) & G & H)	3-4	C	
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	7-8		

Term 2 - B 21 - 27 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
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MAT 251: Calculus for Life Sciences (MA)	3	C
Humanities, Arts and Design (HU)	3	
❗ Complete ENG 101 OR ENG 105 OR ENG 107 course(s).		
Maintain 2.00 GPA in Critical Tracking Courses.		
Term hours subtotal:	6	

- Mathematics Placement Assessment score determines placement in mathematics course.
- Network in your **career interest area**.

Term 3 - A 27 - 34 Credit Hours	Hours	Minimum Grade	Notes
ASB OR ASM Elective	3	C	• Join a <b>student club</b> or professional organization.
Natural Science - Quantitative (SQ) OR Natural Science - General (SG) ( ASM 275 recommended)	4		
Term hours subtotal:	7		

Term 3 - B 34 - 40 Credit Hours <b>Critical course signified by</b> ❗	Hours	Minimum Grade	Notes
ASB OR ASM Elective	3	C	
Cultural Diversity in the U.S. (C)	3		
❗ Complete First-Year Composition requirement.			
❗ Complete Mathematics (MA) requirement.			
Maintain 2.00 GPA in Critical Tracking Courses.			
Term hours subtotal:	6		

Term 4 - A 40 - 46 Credit Hours <b>Critical course signified by</b> ❗	Hours	Minimum Grade	Notes
❗ Science and Society Elective	3	C	• Some General Studies requirements can overlap with major courses, leaving more room for electives. Consult an academic advisor to select the best courses for your personal plan of study.
ASB OR ASM Upper Division Elective	3	C	
Term hours subtotal:	6		
• Secure a <b>part-time job</b> or <b>volunteer experience</b> .			

Term 4 - B 46 - 52 Credit Hours	Hours	Minimum Grade	Notes
Computer/Statistics/Quantitative Applications (CS)	3		
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	6		

Term 5 - A 52 - 58 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ ASM 300: Anthropological Sciences Seminar	3	C	• Field school opportunities (archaeological or physical) can count toward major degree requirements. Talk to your advisor for available opportunities.
Elective	3		
Term hours subtotal:	6		
• Develop your <b>professional online presence</b> .			

Term 5 - B 58 - 64 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Science and Society Elective	3	C	
Elective	3		
Term hours subtotal:	6		

Term 6 - A 64 - 70 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
ASB 394: Statistics for Social Scientists OR ASM 463: A Practical Guide to Bayesian Data Analysis OR ASM 465: Quantification and Analysis for Anthropologists (CS) OR BIO 415: Statistical Models for Biology (CS) OR SOC 390: Social Statistics I (CS) OR STP 420: Introductory Applied Statistics (CS)	3-4	C	<ul style="list-style-type: none"> <li>• Use Handshake to research employment opportunities.</li> <li>• Complete an in person or virtual practice interview.</li> </ul>
Elective	3		
Term hours subtotal:	6-7		

Term 6 - B 70 - 76 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
ASB OR ASM Upper Division Elective	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 76 - 82 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ASM Upper Division Elective	3	C	<ul style="list-style-type: none"> <li>• Research employment opportunities.</li> </ul>
Upper Division Elective OR ASB 484: Internship	3		
Term hours subtotal:	6		

Term 7 - B 82 - 88 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Elective	3		
Term hours subtotal:	6		

Term 8 - A 88 - 94 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ASM Upper Division Elective	3	C	<ul style="list-style-type: none"> <li>• Complete an in person or virtual practice interview.</li> </ul>
Elective	3		
Term hours subtotal:	6		

Term 8 - B 94 - 100 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	6		

Term 9 - A 100 - 106 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ASM Upper Division Elective	3	C	<ul style="list-style-type: none"> <li>• Gather professional references.</li> </ul>
Upper Division Elective	3		
Term hours subtotal:	6		

Term 9 - B 106 - 112 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Elective	3		
Elective	3		

Term hours subtotal: 6

Term 10 - A 112 - 118 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ ASM Upper Division Elective	3	C	• Apply for full-time career opportunities.
Elective	3		
Term hours subtotal:		6	

Term 10 - B 118 - 120 Credit Hours	Hours	Minimum Grade	Notes
Elective	2		
Term hours subtotal:		2	

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Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

## First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.







## 2023 - 2024 Major Map

### Applied Mathematics for the Life and Social Sciences, BS

School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe](#)

LAAMLBS

Term 1 0 - 15 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 AML 100: Introduction to Applied Mathematics for the Life and Social Sciences (MA)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation.</li> <li>Select your <b>career interest area</b> and play <a href="mailto:me3@ASU">me3@ASU</a>.</li> <li>Create a first draft <b>resume</b>.</li> </ul>
BIO 181: General Biology I (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
MAT 270: Calculus with Analytic Geometry I (MA)	4	C	
Minimum 2.00 GPA in STP and MAT.			
Term hours subtotal:	15		
Term 2 15 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CSE 100: Principles of Programming with C++ (CS) OR CSE 110: Principles of Programming (CS)	3	C	<ul style="list-style-type: none"> <li>Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation.</li> <li>Use the SB course in this term as a prerequisite for upper-division work in the Social Science track. Recommended courses are found in the track list below.</li> <li>Join a <b>student club</b> or professional organization.</li> </ul>
BIO 182: General Biology II (SG)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 271: Calculus with Analytic Geometry II (MA)	4	C	
Social-Behavioral Sciences (SB)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Minimum 2.00 GPA in STP and MAT.			
Term hours subtotal:	17		
Term 3 32 - 48 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
MAT 272: Calculus with Analytic Geometry III (MA)	4	C	<ul style="list-style-type: none"> <li>Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation.</li> <li>Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> <li>Develop your <b>skills</b>.</li> </ul>
Science and Society Elective	3	C	
Global Awareness (G)	3		
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Literacy and Critical Inquiry (L)	3		

🚩 Complete First-Year Composition requirement.

🚩 Complete Mathematics (MA) requirement.

Minimum 2.00 GPA in STP and MAT.

Term hours subtotal: 16

Term 4 48 - 63 Credit Hours <b>Critical course signified by</b> 🚩	Hours	Minimum Grade	Notes
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🚩 AML 253: Introduction to Mathematical Tools and Modeling for the Life and Social Sciences

3 C

MAT 274: Elementary Differential Equations (MA) OR MAT 275: Modern Differential Equations (MA)

3 C

STP 420: Introductory Applied Statistics (CS)

3 C

Social-Behavioral Sciences (SB)

3

Elective

3

Minimum 2.00 GPA in STP and MAT.

Term hours subtotal: 15

- Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation.
- Use the SB course in this term to complete a prerequisite for upper-division work in the Social Science track. Recommended courses are found in the track list below.
- Explore an **internship**.

Term 5 63 - 78 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
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★ Upper Division Life Science Course

3 C

★ Upper Division Social Science Course

3 C

STP 421: Probability

3 C

Humanities, Arts and Design (HU) AND Historical Awareness (H)

3

Elective

3

Minimum 2.00 GPA in STP and MAT.

Term hours subtotal: 15

- Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation.
- Develop your **professional online presence**.

Term 6 78 - 93 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
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★ MAT 342: Linear Algebra OR MAT 343: Applied Linear Algebra

3 C

★ Upper Division Applied Mathematics Course

3 C

★ Upper Division Life Science Course

3 C

Upper Division Elective OR ASB 484: Internship

3

Elective

3

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Minimum 2.00 GPA in STP and MAT.

Term hours subtotal: 15

- Research **employment opportunities**.
- Complete an in person or virtual **practice interview**.

Term 7 93 - 108 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
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★ Upper Division Applied Mathematics Course

3 C

★ Upper Division Social Science Course

3 C

Upper Division Science and Society Elective

3 C

Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)

3



Upper Division Literacy and Critical Inquiry (L)

3

Minimum 2.00 GPA in STP and MAT.

Term hours subtotal: 15

- Gather **professional references**.
- Apply for **full-time career opportunities**.

Term 8 108 - 120 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 AML 406: Directed Reading and Research in Applied Mathematics for the Life and Social Sciences	3	C	
Upper Division Elective	3		
Complete 2 courses: Elective	6		
Minimum 2.00 GPA in STP and MAT.			
Term hours subtotal:		12	

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Recommended SB Courses	Upper Division Life Science	Upper Division Social Science
ASB 102: Introduction to Cultural Anthropology (SB & G)	AML 394: Modeling Simulation Neglected Tropical Diseases	ASB 316: Money and Culture (L or SB)
CDE 232: Human Development (SB)	ASB 363: From Cells to Society: Understanding Complexity or BIO 363: From Cells to Society: Understanding Complexity	ASB 394: Statistics for Social Scientists
JUS 105: Introduction to Justice Studies (SB)	or SOS 363: From Cells to Society: Understanding Complexity	ASM 345: Disease and Human Evolution
POS 110: American Government and Politics (SB)	ASB 494: Applied Epidemiology	ASM 463: A Practical Guide to Bayesian Data Analysis
PSY 101: Introduction to Psychology (SB)	ASM 342: Evolution of Human Behavior or BIO 327: Evolution of Human Behavior	ASM 465: Quantification and Analysis for Anthropologists (CS)
SOC 101: Introductory Sociology (SB)	BIO 302: Cancer--Mother of All Diseases (L)	GCU 351: Population Geography (SB & G)
	BIO 321: Introductory Ecology Laboratory	GIS 461: Fundamentals of Spatial Optimization or PUP 481: Fundamentals of Spatial Optimization
	BIO 415: Statistical Models for Biology (CS)	JUS 301: Research in Justice Studies (SB)
	BMI 465: Introduction to Comparative Genomics	JUS 302: Statistical Analysis for Justice Studies (CS)
	HCD 300: Biostatistics (CS) or PBH 300: Biostatistics (CS)	POS 301: Empirical Political Inquiry (SB) or SGS 305: Empirical Political Inquiry (SB)
	SOS 424: Dynamic Modeling in Social and Ecological Systems	POS 401: Political Statistics (CS) or SGS 401: Political Statistics (CS)
		POS 485: Political Economy (SB)
		SOC 331: Environmental Sociology (SB & G)
		SOC 390: Social Statistics I (CS)
		SOC 391: Applied Research Methods (L or SB)
		SOC 448: Epidemics and Society (SB & G)

## Upper Division Applied Mathematics

AML 441: Mathematical Concepts and Tools in Sustainability or SOS 441: Mathematical Concepts and Tools in Sustainability

AML 494: Modeling with Game Theory

MAT 300: Mathematical Structures (L)

MAT 343: Applied Linear Algebra

MAT 355: Introduction to Computational Molecular Biology (CS) or BIO 355: Introduction to Computational Molecular Biology (CS)

MAT 371: Advanced Calculus I

MAT 394: Forensic DNA Analysis

MAT 421: Applied Computational Methods (CS)

MAT 451: Mathematical Modeling (CS)

MAT 494: Big Data and Mathematical Modelling

MAT 494: Data Analysis in Neuroscience

### Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

### General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)



- Historical Awareness (H)





#### First-Year Composition




General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map



### Asia Studies, BA



School/College: The College of Liberal Arts and Sciences  
LAASIABA

Term 1 0 - 14 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes	
 HST 111: Introduction to Asia (HU & H & G) OR REL 111: Introduction to Asia (HU & H & G)	3	C	<ul style="list-style-type: none"> <li>• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>• <b>ASU Language Placement and Testing:</b> Only true beginners are eligible for 101-level second language courses. All other students are required to take a placement exam, regardless of prior credit earned, to verify the course level is appropriate. Students already proficient in a second language may take a proficiency exam.</li> <li>• Credit hours for second language courses will vary depending on the language chosen.</li> <li>• Students choosing one of the specialized tracks are strongly encouraged to study a language that is highly relevant to that particular country or region. See notes at bottom of the major map for guidance.</li> <li>• Select your <b>Career Interest Communities</b> and play <b>me3@ASU</b>.</li> </ul>	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C		
LIA 101: Student Success in The College of Liberal Arts and Sciences	1			
MAT 142: College Mathematics (MA)	3	C		
Second Language: Requirement satisfied through the following: * Completion of Arabic, Chinese, French, Hindi, Indonesian, Japanese, Korean, Portuguese, Spanish, Thai or Vietnamese language course at the intermediate level (202 or equivalent). Students who are already proficient in one of these languages, or another language relevant to the study of Asia, such as Dutch, Tagalog or Urdu, may take a proficiency exam.	4-5	C		
Maintain 2.00 GPA in Major Courses.				
Term hours subtotal:	14-15			
<hr/>				
Term 2 14 - 28 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade		Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C		<ul style="list-style-type: none"> <li>• Select a course from the Across Asia list at the bottom of the major map.</li> <li>• Except for courses marked "critical" or "necessary," the sequence of required and elective courses will vary with each student according to individual choices and the schedule of classes.</li> <li>• Eligible students are encouraged to apply for a Foreign Language and Area Studies (FLAS) award. Awards include: academic year <b>FLAS Fellowship</b> and <b>summer FLAS Awards</b>.</li> <li>• Join a <b>student club</b> or professional organization.</li> <li>• If interested in law school, review the <b>Pre-Law at ASU</b> website.</li> </ul>
Across Asia Course	3	C		
Second Language: Requirement satisfied through the following: * Completion of Arabic, Chinese, French, Hindi, Indonesian, Japanese, Korean, Portuguese, Spanish, Thai or Vietnamese language course at the intermediate level (202 or equivalent). Students who are already proficient in one of these languages, or another language relevant to the study of Asia, such as Dutch, Tagalog or Urdu, may take a proficiency exam.	4-5	C		
Natural Science - Quantitative (SQ)	4			
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).				
Maintain 2.00 GPA in Major Courses.				
Term hours subtotal:	14-15			
<hr/>				
		<b>Minimum</b>		

Term 3 28 - 45 Credit Hours <b>Critical course signified by</b> 	Hours	Grade	Notes
Asia Track Elective	3	C	<ul style="list-style-type: none"> <li>• See Asia Track Elective lists below. The six tracks are Asia in a Global World (intended for generalists who do not wish to focus on one particular country or region) and China, Japan, Korea, Southeast Asia, and South Asia (intended for those who wish to specialize). Students wishing to specialize should complete at least 12 credit hours from the chosen track.</li> <li>• Credit hours for second language courses will vary depending on the language chosen. Students taking language courses worth 5 credits will not need as many elective hours.</li> <li>• Choosing a Social-Behavioral Sciences (SB) course that also satisfies the Cultural Diversity (C) requirement is recommended.</li> <li>• Some General Studies requirements can overlap with major courses, leaving more room for electives. Consult an academic advisor to select the best courses for your personal plan of study.</li> <li>• Explore opportunities to <b>study abroad</b>.</li> </ul>
Second Language: Requirement satisfied through the following: * Completion of Arabic, Chinese, French, Hindi, Indonesian, Japanese, Korean, Portuguese, Spanish, Thai or Vietnamese language course at the intermediate level (202 or equivalent). Students who are already proficient in one of these languages, or another language relevant to the study of Asia, such as Dutch, Tagalog or Urdu, may take a proficiency exam.	4-5	C	
Literacy and Critical Inquiry (L)	3		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Elective	4-1		
 Complete First-Year Composition requirement.			
 Complete Mathematics (MA) requirement.			
Maintain 2.00 GPA in Major Courses.			
Term hours subtotal:	17-15		

Term 4 45 - 59 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
Across Asia Course	3	C	<ul style="list-style-type: none"> <li>• See the Across Asia Course list and Asia Track Elective lists at the bottom of the major map.</li> <li>• Visit <b>Career and Professional Development Services</b> and <b>meet with a career advisor</b> for assistance with career planning and networking.</li> <li>• If interested in law school, <b>make an appointment</b> with the pre-law advisor.</li> </ul>
Asia Track Elective	3	C	
Second Language: Requirement satisfied through the following: * Completion of Arabic, Chinese, French, Hindi, Indonesian, Japanese, Korean, Portuguese, Spanish, Thai or Vietnamese language course at the intermediate level (202 or equivalent). Students who are already proficient in one of these languages, or another language relevant to the study of Asia, such as Dutch, Tagalog or Urdu, may take a proficiency exam.	4-5	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
 Maintain 2.00 GPA in Major Courses.			
Term hours subtotal:	14-15		

Term 5 59 - 74 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 Complete 2 courses: Upper Division Asia Track Elective	6	C	<ul style="list-style-type: none"> <li>• See the Across Asia Course list and Asia Track Elective lists at the bottom of the major map.</li> <li>• Consider participating in an <b>Undergraduate Research Experience</b> through the School of Historical, Philosophical and Religious Studies or a research opportunity in the <b>Humanities Lab</b>.</li> </ul>
Upper Division Across Asia Course	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	15		

Term 6 74 - 89 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 Complete 2 courses: Upper Division Asia Track Elective	6	C	<ul style="list-style-type: none"> <li>• See the Asia Track Elective lists at the bottom of the major map.</li> <li>• Explore <b>graduate school</b> opportunities.</li> </ul>

Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3
Upper Division Literacy and Critical Inquiry (L)	3
Upper Division Elective OR HST 484: Internship	3
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).	
Term hours subtotal:	15

- If planning on law school, prepare to take the **LSAT**.
- Participate in an **internship** to gain valuable career experience and contacts. For help exploring internship **opportunities related to your major**, meet with an academic advisor.

Term 7 89 - 104 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Complete 3 courses: Upper Division Asia Track Elective	9	C	<ul style="list-style-type: none"> <li>• See the Asia Track Elective lists at the bottom of the major map.</li> <li>• Use Handshake to research <b>employment opportunities</b>.</li> <li>• Attend <b>career fairs, workshops and related events</b> offered by Career and Professional Development Services.</li> </ul>
Social-Behavioral Sciences (SB)	3		
Elective	3		
Term hours subtotal:	15		

Term 8 104 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HST 496: South, Southeast, and East Asia in the Global Matrix	3	C	<ul style="list-style-type: none"> <li>• HST 496 is the required capstone course for the major and is only offered in spring terms.</li> <li>• See the Asia Track Elective lists at the bottom of the major map.</li> <li>• Take advantage of mock interview opportunities and assistance with writing <b>resumes and cover letters</b>.</li> <li>• Apply for <b>career opportunities</b>.</li> </ul>
★ Upper Division Asia Track Elective	3	C	
Complete 2 courses: Upper Division Elective	6		
Elective	4-3		
Term hours subtotal:	16-15		

- For the Asia Track Electives, students may choose any combination of courses from six different track lists, so long as at least 24 hours are upper division. The six Asia tracks are: 1) China, 2) Japan, 3) Korea, 4) South Asia, 5) Southeast Asia, and 6) Asia in a Global World. Students who wish to specialize in a particular country or region are strongly encouraged to complete at least 12 credits from that track. The "Asia in a Global World" track is designed for students who wish to take a variety of courses from different regions without focusing on one particular country or region.
- Students choosing one of the specialized tracks are strongly encouraged to study a language that is highly relevant to that particular country or region. The following languages are encouraged for each specialized track focus area:
  - China: Chinese, Portuguese, Japanese, Korean, Dutch (by proficiency exam)
  - Japan: Japanese, Chinese, Portuguese, Korean, Dutch (by proficiency exam)
  - Korea: Korean, Chinese, Portuguese, Japanese, Indonesian, Thai, Vietnamese
  - South Asia: Hindi, Arabic, Portuguese, French, Urdu (by proficiency exam), Dutch (by proficiency exam)
  - Southeast Asia: Indonesian, Thai, Vietnamese, French, Spanish, Portuguese, Chinese, Japanese, Dutch (by proficiency exam), Tagalog (by proficiency exam)

Hide Course List(s)/Track Group(s)

Across Asia	Asia Track Electives - China	Asia Track Electives - Japan
ARS 201: Art of Asia (HU & H & G)	ARS 394: Modern and Contemporary Chinese Art	ARS 394: Anime
CEL 494: Political Thought: Islam, Hinduism, Confucianism	ARS 472: Art of China (HU)	ARS 473: Art of Japan (HU)
GCU 326: Geography of Asia (SB & G)	ARS 475: Chinese Painting (HU)	ENG 466: Studio Ghibli Films

HST 106: Asian Civilizations ((HU or SB) & G & H)	CHI 120: Introduction to Chinese Culture (L or HU) or SLC 120: Introduction to Chinese Culture (L or HU)	HST 108: Introduction to Japan (SB & G & H)
HST 303: ASIA: Women in Asia	CHI 307: Introduction to Literary Chinese I (HU)	HST 303: China, Japan & East Asia in World History
HST 303: Cold War Asia	CHI 308: Classical Chinese II (HU)	HST 303: Premodern Japan
HST 303: Democracy in Asia	CHI 321: Power and Poetry: Classical Chinese Literature in Translation (HU)	HST 303: The Rise of Modern Japan
HST 303: Empires in Asia	CHI 322: Self, Society and the Drive for Modernity: Classical Chinese Literature in Translation (HU & G)	HST 303: WWII in Asia: Cultures of War
HST 303: Film and Politics in Colonial Asia	CHI 345: Chinese Film and Civilization	HST 387: Japan ((L or SB) & H)
HST 303: WWII in Asia: Cultures of War	CHI 348: Pathways into Chinese Culture	HST 388: Japan (SB & G & H)
POS 468: Comparative Asian Foreign Policies (SB & G)	CHI 394: Labor & the Environment in Chinese Writing	HST 389: Japan Society and Values/Premod
REL 345: Asian Religious Traditions (HU & G)	CHI 470: Modern Chinese Literature and Culture	JPN 115: Japanese Popular Culture: Anime, Manga and Film (G) or SLC 115: Japanese Popular Culture: Anime, Manga and Film (G)
REL 350: Hinduism ((L or HU) & G)	DCE 116: T'ai Chi Chuan I	JPN 315: The Language of Japanese Popular Culture I: Gender and Onomatopoeia/Mimesis (G)
REL 351: Buddhism ((L or HU) & G)	DCE 194: Intro to Chinese Classical Dance	JPN 316: The Language of Japanese Popular Culture II: Honorifics and Dialects (G)
REL 363: Islam and World Affairs (G) or AFR 373: Islam and World Affairs (G)	DCE 216: T'ai Chi Ch'uan II	JPN 333: Japanese Civilization from the Ice Age to Last Thursday
REL 365: Islamic Civilization (HU & H) or HST 336: Islamic Civilization (HU & H)	GCU 432: Geography of China (SB & G)	JPN 354: Zen and Japanese Culture or SLC 354: Zen and Japanese Culture
REL 366: Islam in the Modern World (HU & G) or HST 339: Islam in the Modern World (HU & G)	HST 303: China, Japan & East Asia in World History	JPN 355: Religious Practice of People in Modern Japan (HU & G) or SLC 355: Religious Practice of People in Modern Japan (HU & G)
REL 396: Islam and Politics (HU & G) or HST 396: Islam and Politics	HST 303: The Family in Modern China	JPN 367: Religion, Philosophy and Culture in Japan or REL 367: Religion, Philosophy and Culture in Japan or SLC 367: Religion, Philosophy and Culture in Japan
REL 494: Rituals in History, Politics and Religion	HST 303: History of Modern China: From Taiping to Tiananmen	JPN 370: Japanese Aesthetics: Art and Beauty in Japan or SLC 370: Japanese Aesthetics: Art and Beauty in Japan
	HST 303: Modern China: Personal Narratives and Histories	JPN 394: Anime, Manga, and Religion in Japan or SLC 394: Anime, Manga, and Religion in Japan
	HST 303: Modern China: Violence	JPN 401: Reading Modern Japanese Texts ((L or HU) & G)
	HST 383: China (SB & H) or CHI 333: China (SB & H) or SLC 333: China (SB & H)	JPN 414: Introduction to Classical Japanese
	HST 384: Modern China: 1700 to the Present (SB & G & H) or SLC 334: Modern China: 1700 to the Present (SB & G & H)	JPN 415: Advanced Classical Japanese
	HST 386: Interpreting China's Classics ((L or HU) & H) or CHI 336: Interpreting China's Classics ((L or HU) & H) or SLC 336: Interpreting China's Classics ((L or HU) & H)	JPN 430: Buddhist Meditation in East Asia (HU & G) or SLC 430: Buddhist Meditation in East Asia (HU & G)
	HST 451: Chinese Cultural History I ((HU or SB) & H) or CHI 451: Chinese Cultural History I ((HU or SB) & H) or SLC 451: Chinese Cultural History I ((HU or SB) & H)	JPN 445: Readings in Modern Japanese Letters and Culture
	HST 452: Chinese Cultural History II (SB & G & H) or CHI 452: Chinese Cultural History II (SB & G & H) or SLC 452: Chinese Cultural History II (SB & G & H)	JPN 485: Japanese Literature and the Art of Translation

POS 452: China (SB & G)

REL 338: Daode Jing: Way to the West (L or HU) or CHI 338: Daode Jing: Way to the West (L or HU)

REL 343: Daoism ((L or HU) & G & H) or CHI 343: Daoism ((L or HU) & G & H)

REL 346: Chinese Religions (HU & G) or CHI 346: Chinese Religions (HU & G)

REL 396: Islam and Politics (HU & G) or HST 396: Islam and Politics

SLC 498: Chinese Flagship

JPN 494: The Art of the Ninja or SLC 494: The Art of the Ninja

REL 344: Religion and Values in Japanese Life (HU & G)

REL 355: Japanese Cities and Cultures to 1800 (HU)

SLC 421: Japanese Literature in Translation

#### Asia Track Electives - Korea

KOR 250: Korean Culture and Society (HU & G)

KOR 321: Modern Korean Literature (HU) or SLC 321: Modern Korean Literature (HU)

KOR 347: Korean Film and Literature (HU)

KOR 350: Women of Korea (H)

KOR 375: Intercultural Communication in Korea (SB & G) or SLC 375: Intercultural Communication in Korea (SB & G)

KOR 415: Korean Popular Culture (HU & G) or SLC 415: Korean Popular Culture (HU & G)

KOR 420: Emotions Across Languages, Cultures and History (HU & G) or SLC 420: Emotions Across Languages, Cultures and History (HU & G)

KOR 457: Premodern Korea in a Global Context (HU) or SLC 457: Premodern Korea in a Global Context (HU)

REL 354: Religions of Korea (HU) or KOR 354: Religions of Korea (HU)

#### Asia Track Electives - South Asia

ARS 444: Films of India or FMS 426: Films of India

DCE 114: Dances of India I

HST 245: Introduction to India and South Asia (HU & H & G) or POS 245: Introduction to India and South Asia (HU & H & G) or REL 245: Introduction to India and South Asia (HU & H & G) or SGS 245: Introduction to India and South Asia (HU & H & G) or SLC 245: Introduction to India and South Asia (HU & H & G)

HST 392: Modern India

HST 394: Pakistan, India, and Afghanistan: Peace Challenges

HST 459: Gandhi and the Politics of Nonviolence

POS 357: South Asia Politics (SB & G)

REL 347: Religions of India ((L or HU) & G)

REL 350: Hinduism ((L or HU) & G)

REL 357: Theravada Buddhism in South and Southeast Asia ((L or HU) & G)

REL 394: Art & Religion in Jain Culture

REL 396: Islam and Politics (HU & G) or HST 396: Islam and Politics

#### Asia Track Electives - Southeast Asia

ASB 325: Peoples of Southeast Asia (G)

GCU 433: Geography of Southeast Asia

HST 240: Introduction to Southeast Asia ((HU or SB) & G) or GCU 240: Introduction to Southeast Asia ((HU or SB) & G) or POS 240: Introduction to Southeast Asia ((HU or SB) & G) or REL 240: Introduction to Southeast Asia ((HU or SB) & G) or SGS 240: Introduction to Southeast Asia ((HU or SB) & G)

HST 303: The Colonial World of Southeast Asia

HST 303: Film and Politics in Colonial Asia

HST 391: Modern Southeast Asia (SB & G & H) or SGS 381: Modern Southeast Asia (SB & G & H)

HST 456: The Vietnam War (SB & G & H)

MUP 489: Gamelan

POS 358: Southeast Asia (SB & G)

POS 468: Comparative Asian Foreign Policies (SB & G)

REL 348: Religion and Culture in Southeast Asia

REL 352: Modern Buddhism

REL 357: Theravada Buddhism in South and Southeast Asia ((L or HU) & G)

REL 396: Islam and Politics (HU & G) or HST 396: Islam and Politics

SLC 494: Religions and Conflicts in Southeast Asia

#### Asia Track Electives: Asia in a Global World

This track includes all courses on the China, Japan, Korea, South Asia, and Southeast Asia track elective lists. Students in this track do not focus on a specific region and may

select a broad combination of courses across the geographical region. At least 24 hours must be upper-division.

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**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.
- At least 12 upper-division hours in the major must be in courses offered by The College of Liberal Arts and Sciences.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.






## 2023 - 2024 Major Map

### Asian Languages (Chinese), BA

School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe](#)

LACHIBA

Term 1 0 - 15 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 SLC 201: Introduction to Linguistics (HU or SB) OR SLC 202: Exploring Cultures: Words, Images, Stories (HU & G)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students</li> <li><b>ASU Language Placement:</b> Only true beginners are eligible to take 101-level language courses. Students with previous experience in the language are required to take a language placement test.</li> <li>Students may opt to take CHI 110 Intensive Chinese I (8 credit course equivalent to CHI 101 and CHI 102) in Term 1.</li> <li>Learn about the <a href="#">Chinese Language Flagship Program</a>.</li> <li>Engage in <a href="#">Chinese</a> at ASU. Come to the <a href="#">SILC Cafe</a>.</li> </ul>
CHI 101: First-Year Chinese I (G)	5	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
MAT 142: College Mathematics (MA)	3	C	
Maintain 2.33 GPA in Critical Tracking Courses.			
Term hours subtotal:	15		
Term 2 15 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
CHI 102: First-Year Chinese II (G)	5	C	<ul style="list-style-type: none"> <li>Students interested in the Chinese Flagship Program should meet with a <a href="#">Flagship representative</a>.</li> <li>Meet with a School of International Letters and Cultures <a href="#">academic advisor</a> to discuss the <a href="#">best study abroad options</a> for your major.</li> <li>Attend a <a href="#">Financing Your Study Abroad Program</a> Workshop.</li> <li>Join a <a href="#">student club</a> or professional organization.</li> <li>Students who have taken CHI 110 may take CHI 210 Intensive Chinese II (8 credit intensive course equivalent to CHI 201 and CHI 202) in Term 2.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Elective	4		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Maintain 2.33 GPA in Critical Tracking Courses.			
Term hours subtotal:	15		
Term 3 30 - 42 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
CHI 201: Second-Year Chinese I (G)	5	C	<ul style="list-style-type: none"> <li>Meet with a School of International Letters and Cultures <a href="#">academic advisor</a> to discuss the <a href="#">best study abroad options</a> for your major.</li> </ul>
Humanities, Arts and Design (HU)	3		
Natural Science - Quantitative (SQ)	4		



◆ Complete First-Year Composition requirement.

◆ Complete Mathematics (MA) requirement.

Maintain 2.33 GPA in Critical Tracking Courses.

Term hours subtotal: 12

- Learn about [language-specific scholarship opportunities](#).
- Learn about [internships](#) for language and culture majors.

Term 4 42 - 60 Credit Hours <b>Critical course signified by</b> ◆	Hours	Minimum Grade	Notes
◆ CHI 202: Second-Year Chinese II (G)	5	C	<ul style="list-style-type: none"><li>• A Chinese <b>Flagship representative</b> can provide you information about opportunities available to students in the program.</li><li>• Explore your <b>career interest area</b>.</li><li>• Learn about research opportunities through the <b>ASU Humanities Lab</b>.</li></ul>
Historical Awareness (H)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Literacy and Critical Inquiry (L)	3		
Social-Behavioral Sciences (SB)	3		
Maintain 2.33 GPA in Critical Tracking Courses.			
Term hours subtotal:	18		

Term 5 60 - 74 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ CHI 301: Third-Year Chinese I (G)	5	C	<ul style="list-style-type: none"><li>• Minimum grade of "C" required in all CHI, SLC and East-Asian Related Fields courses.</li><li>• Learn about <b>national scholarships, fellowships and research opportunities</b>.</li></ul>
★ CHI 307: Introduction to Literary Chinese I (HU)	3	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Elective	3		
Term hours subtotal:	14		

Term 6 74 - 90 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ CHI 302: Third-Year Chinese II (G)	5	C	<ul style="list-style-type: none"><li>• Minimum grade of "C" required in all CHI, SLC and East-Asian Related Fields courses.</li><li>• Enroll in listed courses or in a School of International Letters and Cultures <b>recommended program abroad</b>.</li><li>• Use Handshake to research <b>employment opportunities</b>.</li></ul>
Chinese Electives	3	C	
Complete 2 courses:			
Upper Division Elective	5		
Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	16		

Term 7 90 - 105 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ CHI 401: Fourth-Year Chinese I (G)	3	C	<ul style="list-style-type: none"><li>• Minimum grade of "C" required in all CHI, SLC and East-Asian Related Fields courses.</li><li>• Attend an <b>ASU Career and Professional Development Services</b> workshop or Job Fair.</li></ul>
Complete 2 courses:			
Upper Division Chinese Elective	6	C	
Upper Division Elective	3		
Upper Division Elective OR SLC 484: Internship	3		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ CHI 402: Fourth-Year Chinese II (G)	3	C	<ul style="list-style-type: none"><li>• Minimum grade of "C" required in all CHI, SLC and East-Asian Related Fields courses.</li><li>• Apply for <b>full-time career opportunities</b>.</li></ul>
Chinese Electives	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		

Complete 2 courses:  
Upper Division Elective

6

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Term hours subtotal: 15

Hide Course List(s)/Track Group(s)

Chinese Electives

ARS 201: Art of Asia (HU & H & G)

ARS 472: Art of China (HU)

ARS 475: Chinese Painting (HU)

CHI 294: Chinese Ghost Stories

CHI 308: Introduction to Literary Chinese II  
(HU)

CHI 321: Chinese Literature (HU)

CHI 322: Chinese Literature (HU & G)

CHI 336: Interpreting China's Classics ((L or  
HU) & H)

CHI 338: Daode Jing: Way to the West (L or  
HU)

CHI 343: Daoism ((L or HU) & G & H)

CHI 348: Pathways into Chinese Culture

CHI 380: The Chinese Language

CHI 394: How to Become Emperor

CHI 394: Labor & the Environment in Chinese  
Writing

CHI 401: Fourth-Year Chinese I (G)

CHI 407: Chinese for Academic and  
Professional Purposes I (G)

CHI 408: Chinese for Academic and  
Professional Purposes II (G)

CHI 470: Modern Chinese Literature and  
Culture

CHI 482: History of the Chinese Language

CHI 494: Buddhist Poetry

HST 384: Modern China: 1700 to the Present  
(SB & G & H)

REL 345: Asian Religious Traditions (HU &  
G)

REL 351: Buddhism ((L or HU) & G)

**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map




### Asian Languages (Chinese) - Chinese Flagship, BA

School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe](#)

LACHIBA

Term 1 0 - 12 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CHI 101: First-Year Chinese I (G)	5-8	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>Learn about <b>Chinese</b> intensive language courses. Students may opt to take CHI 110 (8 credit course equivalent to CHI 101 and CHI 102) in Term 1.</li> <li><b>ASU Language Placement:</b> Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.</li> <li>Engage in <b>Chinese</b> at ASU. Practice your language skills at the <b>SILC Cafe</b>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
MAT 142: College Mathematics (MA)	3	C	
Term hours subtotal:	12-15		

Term 2 12 - 27 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
CHI 102: First-Year Chinese II (G)	5-8	C	<ul style="list-style-type: none"> <li>Newly accepted Flagship students should schedule a meeting with an <b>academic advisor</b> and a <b>Flagship coordinator</b> to create a semester-by-semester plan of study for all required courses for graduation.</li> <li>Create a <b>Handshake</b> account and explore your career interest area.</li> <li>Attend a <b>Financing Your Study Abroad Program</b> workshop.</li> <li>Students who have taken CHI 110 may opt to take CHI 210 (equivalent to CHI 201 and CHI 202) in Term 2.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Natural Science - Quantitative (SQ)	4		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Maintain 2.33 GPA in Critical Tracking Courses.			
Term hours subtotal:	15-18		

Summer 2 Session 1 27 - 32 Credit Hours	Hours	Minimum Grade	Notes
CHI 201: Second-Year Chinese I (G)	5-8	C	<ul style="list-style-type: none"> <li>To remain on track for graduation, Flagship students are expected to participate in a Flagship domestic or abroad <b>approved language program</b> in Summer 2.</li> </ul>
Term hours subtotal:	5-8		

Summer 2 Session 2 32 - 37 Credit Hours	Hours	Minimum Grade	Notes
CHI 202: Second-Year Chinese II (G)	5-8	C	<ul style="list-style-type: none"> <li>To remain on track for graduation, Flagship students are expected to participate in a Flagship <b>approved language program</b> away from ASU in Summer 2.</li> </ul>
Term hours subtotal:	5-8		

Term 3 37 - 51 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
⚠ CHI 301: Third-Year Chinese I (G)	5	C	<ul style="list-style-type: none"> <li>Flagship students should schedule a meeting with an <b>academic advisor</b> and a <b>Flagship coordinator</b> to create a semester-by-semester plan of study for all required courses for graduation.</li> <li>Learn about research opportunities through the <b>ASU Humanities Lab</b>.</li> </ul>
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Literacy and Critical Inquiry (L)	3		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
⚠ Complete First-Year Composition requirement.			
⚠ Complete Mathematics (MA) requirement.			
Term hours subtotal:	14		

Term 4 51 - 66 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
⚠ CHI 302: Third-Year Chinese II (G)	5	C	<ul style="list-style-type: none"> <li>Learn about <b>internships, scholarships and awards</b> for language majors.</li> <li>Flagship students may participate in a Flagship <b>approved language program</b> away from ASU in the summer between Terms 4 and 5.</li> </ul>
⚠ SLC 201: Introduction to Linguistics (HU or SB) OR SLC 202: Exploring Cultures: Words, Images, Stories (HU & G)	3	C	
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Elective	3		
⚠ Maintain 2.33 GPA in Critical Tracking Courses.			
Term hours subtotal:	15		

Term 5 66 - 78 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ CHI 307: Introduction to Literary Chinese I (HU) or CHI 308: Introduction to Literary Chinese II (HU)	3		<ul style="list-style-type: none"> <li>Enroll in Study Abroad Program credits or listed courses.</li> <li>China Related Content Courses must be taught in Chinese. Consult your <b>academic advisor</b> or <b>Flagship coordinator</b> when choosing your content courses.</li> <li>Develop your <b>professional online presence</b>.</li> </ul>
★ CHI 401: Fourth-Year Chinese I (G)	3	C	
Social-Behavioral Sciences (SB)	3		
Elective	3		
Term hours subtotal:	12		

Term 6 78 - 92 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ CHI 348: Pathways into Chinese Culture	3	C	<ul style="list-style-type: none"> <li>Enroll in Study Abroad Program credits or listed courses.</li> <li>Learn about <b>national scholarships, fellowships, and research opportunities</b> through the <b>Humanities Lab</b>.</li> <li>Attend an <b>ASU Career and Professional Development Services</b> workshop or job fair.</li> <li>Use Handshake to research <b>employment opportunities</b></li> </ul>
★ CHI 402: Fourth-Year Chinese II (G)	3	C	
CHI 380: The Chinese Language	3	C	
Upper Division Elective	2		
Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	14		

Term 7 92 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CHI 407: Chinese for Academic and Professional Purposes I (G)	3	C	<ul style="list-style-type: none"> <li>All Flagship students must spend their final terms 7 and 8 in China for their capstone year abroad participating in a Flagship approved program at <a href="#">National Taiwan University</a> or <a href="#">Nanjing University</a>.</li> <li>China related content courses must be taught in Chinese.</li> <li>Gather <a href="#">professional references</a>.</li> </ul>
★ Upper Division China Related Content Courses	3	C	
★ Upper Division Chinese Literature and Linguistics Course	3	C	
Complete 2 courses:	7		
Elective			
Term hours subtotal:	16		

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CHI 408: Chinese for Academic and Professional Purposes II (G)	3	C	<ul style="list-style-type: none"> <li>All Flagship students must spend their final terms 7 and 8 in China for their capstone year abroad participating in a Flagship approved program at <a href="#">National Taiwan University</a> or <a href="#">Nanjing University</a>.</li> </ul>
★ CHI 470: Modern Chinese Literature and Culture	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Elective OR SLC 484: Internship	3		
Term hours subtotal:	12		

- Flagship students are required to complete two China Related Area "Content Courses" taught in the Chinese language. Students are required to take a one-credit Chinese Writing Module to accompany China Related Area "Content Courses" that are taught in English. See department advisor or Flagship program director for additional course offerings.

Hide Course List(s)/Track Group(s)

Upper-Division China Related Content Courses	Chinese Literature and Linguistics Courses
ARS 472: Art of China (HU)	CHI 321: Chinese Literature (HU)
CHI 307: Introduction to Literary Chinese I (HU)	CHI 322: Chinese Literature (HU & G)
CHI 308: Introduction to Literary Chinese II (HU)	CHI 336: Interpreting China's Classics ((L or HU) & H)
CHI 321: Chinese Literature (HU)	CHI 338: Daode Jing: Way to the West (L or HU)
CHI 322: Chinese Literature (HU & G)	CHI 451: Chinese Cultural History I ((HU or SB) & H)
CHI 336: Interpreting China's Classics ((L or HU) & H) or SLC 336: Interpreting China's Classics ((L or HU) & H)	CHI 452: Chinese Cultural History II (SB & G & H)
CHI 338: Daode Jing: Way to the West (L or HU)	CHI 482: History of the Chinese Language
CHI 343: Daoism ((L or HU) & G & H) or REL 343: Daoism ((L or HU) & G & H)	
CHI 394: How to Become Emperor	
CHI 394: Labor & the Environment in Chinese Writing	

CHI 451: Chinese Cultural History I ((HU or SB) & H)

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CHI 452: Chinese Cultural History II (SB & G & H)

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CHI 482: History of the Chinese Language

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HST 384: Modern China: 1700 to the Present (SB & G & H)

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REL 345: Asian Religious Traditions (HU & G)

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REL 351: Buddhism ((L or HU) & G)

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SLC 484: Internship

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SLC 498: Pro-Seminar

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**Notes:**

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- **Mathematics Placement Assessment** score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map



### Asian Languages (Japanese), BA



School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe](#)

LAJPNBA

Term 1 0 - 15 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 SLC 201: Introduction to Linguistics (HU or SB) OR SLC 202: Exploring Cultures: Words, Images, Stories (HU & G)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li><b>ASU Language Placement:</b> Only true beginners are eligible for 101-level courses. Students with previous experience in the language are required to take a language placement test.</li> <li>Learn about <b>Japanese intensive language</b> courses. Students may opt to take JPN 110 Intensive Japanese I (8 credit course equivalent to JPN 101 and JPN 102) in Term 1.</li> <li>Engage in <b>Japanese</b> at ASU.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
JPN 101: First-Year Japanese I (G)	5	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
MAT 142: College Mathematics (MA)	3	C	
Maintain 2.33 GPA in Critical Tracking Courses.			
Term hours subtotal:	15		

Term 2 15 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>Start planning your study abroad experience. Meet with a SILC advisor to learn about major-specific <b>study abroad programs in Japan</b>.</li> <li>Attend a <b>Financing Your Study Abroad Program</b> Workshop.</li> <li>Explore your <b>career interest</b> area.</li> <li>Students may opt to take JPN 210 Intensive Japanese II (8 credit course equivalent to JPN 201 and JPN 202) in Term 2 if credit has been earned in JPN 110 or JPN 102.</li> </ul>
JPN 102: First-Year Japanese II (G)	5	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Elective	4		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Maintain 2.33 GPA in Critical Tracking Courses.			
Term hours subtotal:	15		

Term 3 30 - 45 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
JPN 201: Second-Year Japanese I (G)	5	C	<ul style="list-style-type: none"> <li>Develop your <b>skills</b>.</li> <li>Learn about research opportunities through the <b>ASU Humanities Lab</b>.</li> </ul>
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
 Complete First-Year Composition requirement.			



⚠ Complete Mathematics (MA) requirement.

Maintain 2.33 GPA in Critical Tracking Courses.

Term hours subtotal: 15

Term 4 45 - 60 Credit Hours Critical course signified by ⚠	Hours	Minimum Grade	Notes
⚠ JPN 202: Second-Year Japanese II (G)	5	C	<ul style="list-style-type: none"> <li>• Meet with a School of International Letters and Cultures <b>academic advisor</b> to discuss the <b>best study abroad options for your major.</b></li> </ul>
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Social-Behavioral Sciences (SB)	3		
Elective	3		
Maintain 2.33 GPA in Critical Tracking Courses.			
Term hours subtotal:	15		

Term 5 60 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ JPN 301: Third-Year Japanese I (G)	3	C	<ul style="list-style-type: none"> <li>• Enroll in listed courses or participate in a School of International Letters and Cultures endorsed program abroad for your major.</li> <li>• Many upper-division elective courses have prerequisites which may be taken as electives in earlier semesters.</li> <li>• Learn about <b>internship, scholarship and award</b> opportunities for language and culture majors.</li> </ul>
SLC 421: Japanese Literature in Translation	3	C	
Related Area Course	3	C	
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ JPN 302: Third-Year Japanese II (G)	3	C+	<ul style="list-style-type: none"> <li>• Enroll in listed courses or participate in a School of International Letters and Cultures <b>endorsed program</b> abroad for your major.</li> <li>• Many upper-division elective courses have prerequisites which may be taken as electives in earlier semesters.</li> <li>• Learn about <b>national scholarships, fellowships, and research</b> opportunities.</li> <li>• Use Handshake to research <b>employment opportunities.</b></li> </ul>
★ JPN 333: Japanese Civilization from the Ice Age to Last Thursday	3	C	
★ Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Literacy and Critical Inquiry (L)	3		
Upper Division Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ JPN 401: Reading Modern Japanese Texts ((L or HU) & G)	3	C	<ul style="list-style-type: none"> <li>• Learn about <b>internship opportunities</b> in Japanese</li> <li>• Gather <b>professional references</b></li> </ul>
★ JPN 414: Introduction to Classical Japanese	3	C	
★ Upper Division JPN Restricted Electives	3	C	
Upper Division Elective OR JPN 484: Internship	3		
Elective	3		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ 4** (400-Level) Japanese Elective	3	C	

★ Upper Division JPN Restricted Electives	3	C
Complete 3 courses: Upper Division Elective	9	
Term hours subtotal:	15	

- Attend a Career Services workshop or Job Fair.

Hide Course List(s)/Track Group(s)

Upper Division JPN Restricted Electives	Related Area Courses	400-Level Japanese Elective
JPN 309: Japanese Oral Communication I	ARS 472: Art of China (HU)	JPN 415: Advanced Classical Japanese
JPN 310: Japanese Oral Communication II	ARS 473: Art of Japan (HU)	JPN 430: Buddhist Meditation in East Asia (HU & G)
JPN 311: Japanese Composition I (G)	ARS 475: Chinese Painting (HU)	JPN 445: Readings in Modern Japanese Letters and Culture
JPN 354: Zen and Japanese Culture	CHI 120: Introduction to Chinese Culture (L or HU)	JPN 484: Internship
JPN 355: Religious Practice of People in Modern Japan (HU & G)	CHI 333: China (SB & H)	JPN 485: Japanese Literature and the Art of Translation
JPN 394: Special Topics	CHI 336: Interpreting China's Classics ((L or HU) & H)	JPN 493: Honors Thesis (L)
JPN 415: Advanced Classical Japanese	CHI 338: Daode Jing: Way to the West (L or HU)	JPN 494: Special Topics
JPN 430: Buddhist Meditation in East Asia (HU & G)	CHI 343: Daoism ((L or HU) & G & H)	JPN 499: Individualized Instruction
JPN 445: Readings in Modern Japanese Letters and Culture	CHI 345: Chinese Film and Civilization	
JPN 485: Japanese Literature and the Art of Translation	CHI 451: Chinese Cultural History I ((HU or SB) & H)	
JPN 492: Honors Directed Study	CHI 452: Chinese Cultural History II (SB & G & H)	
JPN 493: Honors Thesis (L)	GCU 326: Geography of Asia (SB & G)	
JPN 494: Special Topics	GCU 432: Geography of China (SB & G)	
JPN 499: Individualized Instruction	HST 106: Asian Civilizations ((HU or SB) & G & H)	
	HST 387: Japan ((L or SB) & H)	
	HST 389: Japan Society and Values/Premod	
	KOR 250: Korean Culture and Society (HU & G)	
	KOR 321: Modern Korean Literature (HU)	

**Notes:**

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- Mathematics Placement Assessment score determines placement in first mathematics course.

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.







## 2023 - 2024 Major Map

### Asian Pacific American Studies, BA

School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe](#)

LAAPABA

Term 1 0 - 14 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 APA 200: Introduction to Asian Pacific American Studies ((HU or SB) & C)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li><b>ASU Language Placement:</b> Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
MAT 142: College Mathematics (MA)	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Term hours subtotal:	14		
Term 2 14 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>Activate your <b>Handshake account</b> and build out your profile.</li> </ul>
Related Area Courses	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Social-Behavioral Sciences (SB)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		
Term 3 30 - 46 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 APA Elective	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Literacy and Critical Inquiry (L)	3		

Social-Behavioral Sciences (SB) 3

◆ Complete First-Year Composition requirement.

◆ Complete Mathematics (MA) requirement.

Term hours subtotal: 16

Term 4 46 - 60 Credit Hours Critical course signified by ◆	Hours	Minimum Grade	Notes
◆ APA 360: Asian Pacific American Experience	3	C	• Explore an <b>internship</b>
Related Area Courses	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	14		

Term 5 60 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ APA 450: Asian Pacific American Contemporary Issues (SB & C)	3	C	• Develop your <b>professional online presence</b>
Upper Division Related Area Courses	3	C	
APA Upper Division Elective	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	2		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
Upper Division Related Area Courses	3	C	
APA Upper Division Elective	3	C	
Historical Awareness (H)	3		
Complete 2 courses: Elective	6		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ SST 484: Internship	3	C	• SST 484 requires departmental approval to enroll. • Gather <b>professional references</b>
Upper Division Related Area Courses	3	C	
APA Upper Division Elective	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Upper Division Elective	3		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ SST 499: Individualized Instruction	3	C	• SST 499 Individualized Instruction is a capstone research project determined in consultation with faculty advisor and requires departmental approval to enroll.
APA Upper Division Elective	3	C	
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:			

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 Term hours subtotal: 15
 

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 Hide Course List(s)/Track Group(s)
 

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 Related Area Courses
 

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 AFR OR AMS OR APA OR JUS OR SST OR  
 WST Elective
 

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**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120**Upper Division Hours:** 45 minimum**Major GPA:** 2.00 minimum**Cumulative GPA:** 2.00 minimum**Total hrs at ASU:** 30 minimum**Hrs Resident Credit for****Academic Recognition:** 56 minimum**Total Community College Hrs:** 64 maximum**Total College Residency Hrs:** 12 minimum**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.









## 2023 - 2024 Major Map

### Astronomical and Planetary Sciences, BS

School/College: [The College of Liberal Arts and Sciences](#)

Location: [Online](#) [ASU Local](#)

LAASPLSBS




Term 1 - A 0 - 11 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 AST 111: Introduction to Solar Systems Astronomy (SQ)	4	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar is required for all first-year students.</li> <li>AST 111 is a session C course (15 weeks long).</li> <li>Students who place into MAT 210 should take the course in term 1 to complete the MA requirement.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Mathematics (MA)	3	C	
ASU 101-LA: The ASU Experience	1		
Term hours subtotal:	11		
Term 1 - B 11 - 17 Credit Hours	Hours	Minimum Grade	Notes
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> </ul>
Elective	3		
Term hours subtotal:	6		
Term 2 - A 17 - 27 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 AST 112: Introduction to Stars, Galaxies, and Cosmology (SQ)	4	C	<ul style="list-style-type: none"> <li>AST 112 is a session C course (15 weeks long).</li> <li>Select your <a href="#">career interest areas</a> and play <a href="#">me3@ASU</a>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
MAT 210: Brief Calculus (MA)	3	C	
Term hours subtotal:	10		
Term 2 - B 27 - 33 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Elective	3		
 Complete ENG 101 or ENG 105 or ENG 107 course(s)			
Term hours subtotal:	6		
Term 3 - A 33 - 40 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ)	4	C	

Humanities, Arts and Design (HU)

3



Term hours subtotal: 7



- Review the [Career Guide for ASU Online Students](#) to learn about available career planning resources.

Term 3 - B 40 - 47 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ)	4	C	
Science and Society Elective	3	C	
 Complete First-Year Composition requirement.			
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	7		

Term 4 - A 47 - 53 Credit Hours	Hours	Minimum Grade	Notes
Computer/Statistics/Quantitative Applications (CS)	3		
Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3		
Term hours subtotal:	6		

- Register for a [Handshake](#) account and participate in [virtual career advising](#).

Term 4 - B 53 - 60 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 SES 106: Habitable Worlds (SQ)	4	C	
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	7		

Term 5 - A 60 - 66 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 AST 301: Physics of Astrophysics	3	C	
Elective	3		
Term hours subtotal:	6		

- AST 301 is a session C course (15 weeks long).

Term 5 - B 66 - 72 Credit Hours	Hours	Minimum Grade	Notes
Astronomical and Planetary Sciences Major Electives	3-4	C	
Elective	3-2		
Term hours subtotal:	6		

- Major Elective options vary in credit hours. Depending on chosen courses, overall elective hours may vary.

Term 6 - A 72 - 78 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 AST 321: Introduction to Planetary and Stellar Astrophysics	3	C	
SES 376: Communicating Astronomical and Planetary Sciences I	3	C	
Term hours subtotal:	6		

- AST 321 is a session C course (15 weeks long).
- Develop your [professional online presence](#).

Term 6 - B 78 - 84 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
SES 377: Communicating Astronomical and Planetary Sciences II	3	C	
Astronomical and Planetary Sciences Major Electives	3-4	C	
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6-7		

- Use [Handshake](#) to research employment opportunities.
- Major Elective options vary in credit hours. Depending on chosen courses, overall elective hours may vary.



Term 7 - A 84 - 93 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ AST 322: Introduction to Galactic and Extragalactic Astrophysics	3	C	<ul style="list-style-type: none"> <li>• AST 322 and SES 350 are session C courses (15 weeks long).</li> <li>• Apply for <b>full-time career opportunities</b>.</li> </ul>
★ SES 350: Engineering Systems and Experimental Problem Solving	3	C	
Upper Division Elective	3		
Term hours subtotal:	9		

Term 7 - B 93 - 96 Credit Hours	Hours	Minimum Grade	Notes
Astronomical and Planetary Sciences Major Electives	3-4	C	<ul style="list-style-type: none"> <li>• Major Elective options vary in credit hours. Depending on chosen courses, overall elective hours may vary.</li> </ul>
Term hours subtotal:	3-4		

Term 8 - A 96 - 102 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Science and Society Elective	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	6		

Term 8 - B 102 - 108 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Upper Division Astronomical and Planetary Sciences Major Electives	3-4	C	<ul style="list-style-type: none"> <li>• Major Elective options vary in credit hours. Depending on chosen courses, overall elective hours may vary.</li> </ul>
Upper Division Elective	3-2		
Term hours subtotal:	6		

Term 9 - A 108 - 114 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Upper Division Astronomical and Planetary Sciences Major Electives	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	6		

Term 9 - B 114 - 120 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	6		

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/student-resources/science-society>. At least one of the two courses must be upper division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Astronomical and Planetary Sciences Major Electives	Upper Division Astronomical and Planetary Sciences Major Electives
BIO 181: General Biology I (SQ)	BIO 340: General Genetics

BIO 182: General Biology II (SG)	BIO 345: Evolution
BIO 340: General Genetics	MAT 343: Applied Linear Algebra
BIO 345: Evolution	MCO 307: The Digital Audience
CHM 113: General Chemistry I (SQ)	MCO 335: Social Media Foundations
CHM 114: General Chemistry for Engineers (SQ)	MCO 425: Digital Media Literacy I
CHM 116: General Chemistry II (SQ)	PHI 314: Philosophy of Science (HU)
GLG 101: Introduction to Geology I (Physical) (SQ) AND GLG 103: Introduction to Geology I: Laboratory (SQ)	PHY 302: Mathematical Methods in Physics II
GLG 108: Water Planet (SQ)	PHY 310: Classical Particles, Fields, and Matter I
MAT 275: Modern Differential Equations (MA)	PHY 311: Classical Particles, Fields, and Matter II
MAT 343: Applied Linear Algebra	PHY 314: Quantum Physics I
MCO 307: The Digital Audience	PHY 315: Quantum Physics II
MCO 335: Social Media Foundations	PHY 334: Advanced Laboratory I (L)
MCO 425: Digital Media Literacy I	PHY 361: Introductory Modern Physics
PHI 314: Philosophy of Science (HU)	PHY 412: Classical Particles, Fields, and Matter III
PHY 201: Mathematical Methods in Physics I (CS)	PHY 441: Statistical and Thermal Physics
PHY 241: University Physics III	TWC 401: Fundamentals of Technical Communication (L)
PHY 302: Mathematical Methods in Physics II	TWC 446: Technical and Scientific Reports (L)
PHY 310: Classical Particles, Fields, and Matter I	
PHY 311: Classical Particles, Fields, and Matter II	
PHY 314: Quantum Physics I	
PHY 315: Quantum Physics II	
PHY 334: Advanced Laboratory I (L)	
PHY 361: Introductory Modern Physics	
PHY 412: Classical Particles, Fields, and Matter III	
PHY 441: Statistical and Thermal Physics	
SES 107: A Solar System Journey (SG)	
SES 141: Energy In Everyday Life (SQ)	
SES 225: Global Biogeochemical Cycles	
STP 226: Elements of Statistics (CS)	
TWC 401: Fundamentals of Technical Communication (L)	

**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.










## 2023 - 2024 Major Map

### Biochemistry, BA

School/College: The College of Liberal Arts and Sciences

Location: Tempe

LABCHBA

Term 1 0 - 14 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CHM 117: General Chemistry for Majors I (SQ) AND CHM 111: General Chemistry Laboratory for Majors I (SQ) OR CHM 113: General Chemistry I (SQ)	4	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>Students placing into lower level math classes can still graduate in 4 years -- see an academic advisor for planning.</li> <li>Students considering advanced science degrees and those who plan to take advanced math courses should take MAT 270 in place of MAT 251.</li> <li>Select your <b>Career Interest Areas</b> and play <a href="mailto:me3@asu">me3@ASU</a>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
MAT 251: Calculus for Life Sciences (MA) OR MAT 265: Calculus for Engineers I (MA) OR MAT 270: Calculus with Analytic Geometry I (MA)	3-4	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	14-15		
Term 2 14 - 29 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 BIO 181: General Biology I (SQ)	4	C	<ul style="list-style-type: none"> <li><b>ASU Language Placement:</b> Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.</li> <li>Research the <b>timeline</b> for health careers and professional program admissions requirements.</li> </ul>
CHM 118: General Chemistry for Majors II (SQ) AND CHM 112: General Chemistry Laboratory for Majors II (SQ) OR CHM 116: General Chemistry II (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		
Term 3 29 - 45 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CHM 233: General Organic Chemistry I	3	C	<ul style="list-style-type: none"> <li>Students who are interested in graduate degrees in natural sciences or health-related professional degrees should take PHY 111 and PHY 113 instead of PHY 101 in this</li> </ul>
 CHM 237: General Organic Chemistry Laboratory I	1	C	
 PHY 101: Introduction to Physics (SQ)	4	C	

BIO 182: General Biology II (SG)	4	C
Second Language: Requirement satisfied through the following:		
* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C
♦ Complete First-Year Composition requirement.		
♦ Complete Mathematics (MA) requirement.		
Term hours subtotal:	16	

term. Then, complete PHY 112 and PHY 114 in the next term.

- Research [admission requirements for health-related professional schools](#).
- Discuss [study abroad opportunities](#) with a School of Molecular Sciences advisor.

Term 4 45 - 59 Credit Hours <b>Critical course signified by</b> ♦	Hours	Minimum Grade	Notes
♦ CHM 234: General Organic Chemistry II	3	C	<ul style="list-style-type: none"> <li>• Due to lower-division prerequisites, pre-health students are encouraged to choose upper-division General Studies (HU or SB) courses.</li> <li>• Connect with a Career Advisor by registering for a <a href="#">Handshake</a> account.</li> </ul>
CHM 238: General Organic Chemistry Laboratory II	1	C	
Second Language: Requirement satisfied through the following:			
* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
♦ Complete PHY 101 OR PHY 112 AND PHY 114 course(s).			
Term hours subtotal:	14		

Term 5 59 - 75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ BCH 341: Physical Chemistry with a Biological Focus	3	C	<ul style="list-style-type: none"> <li>• CHM 302 and CHM 325 are only offered in the Fall semester and must be completed at the Tempe campus.</li> <li>• Create a first draft <a href="#">resume</a>.</li> </ul>
BCH 461: General Biochemistry	3	C	
CHM 302: Environmental Chemistry OR CHM 325: Analytical Chemistry	3	C	
Second Language: Requirement satisfied through the following:			
* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Upper Division Elective	3		
Term hours subtotal:	16		

Term 6 75 - 90 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
BCH 462: General Biochemistry	3	C	<ul style="list-style-type: none"> <li>• Explore internship opportunities in <a href="#">industry</a> and <a href="#">health fields</a>.</li> <li>• This is an ideal semester to <a href="#">study abroad</a>. BCH 462 may be taken in the final two terms.</li> </ul>
Advanced BIO Elective	3-4	C	
Literacy and Critical Inquiry (L)	3		
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Upper Division Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15-16		

Term 7 90 - 105 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ BCH 467: Analytical Biochemistry Laboratory (L)	3	C	<ul style="list-style-type: none"> <li>• Upper Division BCH or CHM Electives must be completed at Tempe campus and cannot be met with BCH 361, BCH 367, BCH 371, BCH 372, CHM 341, CHM 460, or CHM 480.</li> </ul>
BCH OR CHM Upper Division Elective	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Social-Behavioral Sciences (SB)	3		
Upper Division Elective OR BCH 484: Internship	3		

Term hours subtotal: 15

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ BCH OR CHM Upper Division Elective	3	C	• Apply for full-time career opportunities.
Complete 4 courses: Upper Division Elective	12		
Term hours subtotal:	15		

- With prior approval of an academic advisor in the School of Molecular Sciences, other courses may be used to satisfy the Advanced BIO Elective requirement.

Hide Course List(s)/Track Group(s)

Advanced BIO Elective
BIO 201: Human Anatomy and Physiology I (SG)
BIO 302: Cancer--Mother of All Diseases (L)
BIO 325: Oceanography or CHM 385: Oceanography
BIO 340: General Genetics or MBB 347: Molecular Genetics: From Genes to Proteins
BIO 351: Developmental Biology
BIO 353: Cell Biology
BIO 360: Animal Physiology
BIO 431: Genes, Development, and Evolution (L)
MIC 205: Microbiology (SG)
MIC 206: Microbiology Laboratory (SG)
MIC 220: Biology of Microorganisms
MIC 461: Geomicrobiology

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

## 2023 - 2024 Major Map

### Biochemistry, BA




School/College: [The College of Liberal Arts and Sciences](#)

Location: [Online](#) [ASU Local](#)



LABCHBA

In order to complete the requirements of this program, some laboratory courses will be completed in-person at the Tempe Campus.

These laboratory courses will be offered during summer. This may impact your financial aid. Financial aid is available to those who apply and qualify, and students may receive funds to help cover costs for each semester of enrollment. The amount of financial aid that a student is eligible for varies depending on prior education experience and other individual factors. [Learn](#) more about summer financial aid and additional ways to cover summer costs.

Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>Select your <b>Career Interest Areas</b> and play <a href="mailto:me3@asu.edu">me3@ASU</a>.</li> <li>Due to lower-division prerequisites, pre-health students are encouraged to choose upper-division General Studies (HU or SB) courses.</li> </ul>
ASU 101-LA: The ASU Experience	1		
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	7		

Term 1 - B 7 - 13 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> </ul>
MAT 251: Calculus for Life Sciences (MA)	3	C	
Term hours subtotal:	6		

Term 2 - A 13 - 21 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CHM 113: General Chemistry I (SQ)	4	C	<ul style="list-style-type: none"> <li><b>ASU Language Placement:</b> Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.</li> <li>Research the <b>timeline</b> for health careers and professional program admissions preparation.</li> </ul>
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Term hours subtotal:	8		

Term 2 - B 21 - 29 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CHM 116: General Chemistry II (SQ)	4	C	




Second Language: Requirement satisfied through the following:

\* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. 4 C

Complete ENG 101 OR ENG 105 OR ENG 107 course(s).

Term hours subtotal: 8

Term 3 - A 29 - 37 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
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 PHY 101: Introduction to Physics (SQ)

4 C

Second Language: Requirement satisfied through the following:

\* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. 4 C

Term hours subtotal: 8

- Research **admission requirements** for health-related professional schools.
- Students who are interested in graduate degrees in natural sciences or health-related professional degrees should take PHY 111 and PHY 113 instead of PHY 101 in this term. Then, complete PHY 112 and PHY 114 in the next term.


Term 3 - B 37 - 44 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
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Second Language: Requirement satisfied through the following:

\* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. 4 C

Computer/Statistics/Quantitative Applications (CS) 3

 Complete First-Year Composition requirement.

 Complete Mathematics (MA) requirement.

Term hours subtotal: 7

Term 4 - A 44 - 51 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
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 BIO 181: General Biology I (SQ)

4 C

 CHM 233: General Organic Chemistry I

3 C

Term hours subtotal: 7


- Connect with a career advisor by registering for a **Handshake** account.

Term 4 - B 51 - 58 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
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 CHM 234: General Organic Chemistry II

3 C

BIO 182: General Biology II (SG) 4 C

 Complete PHY 101 OR PHY 112 AND PHY 114 course(s).

Term hours subtotal: 7

Summer 4 58 - 60 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
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 CHM 237: General Organic Chemistry Laboratory I

1 C

CHM 238: General Organic Chemistry Laboratory II 1 C

Term hours subtotal: 2

- ASU Online students will complete all experiments for the Organic Chemistry labs at the ASU Tempe campus during a one-week session in summer. Lab reports will be completed in subsequent weeks during the same summer term.

Term 5 - A 60 - 66 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
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 BCH 341: Physical Chemistry with a Biological Focus

3 C

- Create a first draft **resume**.

Humanities, Arts and Design (HU) AND Historical Awareness (H)	3
Term hours subtotal:	6

Term 5 - B 66 - 72 Credit Hours	Hours	Minimum Grade	Notes
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		<ul style="list-style-type: none"> <li>Explore internship opportunities in industry and health fields.</li> </ul>
Upper Division Elective OR BCH 484: Internship	3		
Term hours subtotal:	6		

Term 6 - A 72 - 78 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
Advanced BIO Elective	3-4	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6-7		

Term 6 - B 78 - 84 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CHM 325: Analytical Chemistry	3	C	<ul style="list-style-type: none"> <li>CHM 325 is only offered in the Spring semester.</li> </ul>
Upper Division Elective	3		
Term hours subtotal:	6		

Term 7 - A 84 - 93 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ BCH OR CHM Upper Division Elective	3	C	<ul style="list-style-type: none"> <li>Consider taking BCH 463 as the BCH OR CHM Upper Division Elective in this term.</li> </ul>
Complete 2 courses:	6		
Upper Division Elective			
Term hours subtotal:	9		

Term 7 - B 93 - 102 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Literacy and Critical Inquiry (L)	3		
Upper Division Elective	3		
Term hours subtotal:	9		

Term 8 - A 102 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ BCH OR CHM Upper Division Elective	3	C	<ul style="list-style-type: none"> <li>Apply for full-time career opportunities.</li> <li>Consider taking CHM 394 or CHM 433 for the BCH OR CHM Upper Division Elective in this term for session A.</li> </ul>
BCH 461: General Biochemistry	3	C	
Term hours subtotal:	6		

Term 8 - B 108 - 114 Credit Hours	Hours	Minimum Grade	Notes
BCH 462: General Biochemistry	3	C	<ul style="list-style-type: none"> <li>Consider taking CHM 453 for the Upper Division Elective in this term for session B.</li> </ul>
Upper Division Elective	3		
Term hours subtotal:	6		

Summer 8 114 - 120 Credit Hours Necessary course signified by		Minimum	
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	Hours	Grade	Notes
★ BCH 467: Analytical Biochemistry Laboratory (L)	3	C	<ul style="list-style-type: none"> <li>ASU Online students will complete all experiments for the Analytical Biochemistry lab at the ASU Tempe campus during a one-week session in summer. Lab reports will be completed in subsequent weeks during the same summer term.</li> </ul>
Upper Division Elective	3		
Term hours subtotal:	6		

- With prior approval of an academic advisor in the School of Molecular Sciences, other courses may be used to satisfy the Advanced BIO Elective requirement.

Hide Course List(s)/Track Group(s)

Advanced BIO Elective
BIO 201: Human Anatomy and Physiology I (SG)
BIO 340: General Genetics
BIO 351: Developmental Biology
BIO 353: Cell Biology
BIO 360: Animal Physiology
MIC 205: Microbiology (SG)
MIC 206: Microbiology Laboratory (SG)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.












## 2023 - 2024 Major Map

### Biochemistry, BS

School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe](#)

LABCHBS

Term 1 0 - 14 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
CHM 117: General Chemistry for Majors I (SQ) AND CHM 111:  General Chemistry Laboratory for Majors I (SQ) OR CHM 113: General Chemistry I (SQ)	4	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>Students placing in lower level math classes can still graduate in four years. See an academic advisor for planning.</li> <li>Select your <a href="#">Career Interest Areas</a> and play <a href="mailto:me3@asu">me3@ASU</a>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
MAT 270: Calculus with Analytic Geometry I (MA) OR MAT 265: Calculus for Engineers I (MA)	3-4	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Term hours subtotal:	14-15		
Term 2 14 - 28 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 BIO 181: General Biology I (SQ)	4	C	<ul style="list-style-type: none"> <li>Research the <a href="#">timeline</a> for health careers and professional program admissions preparation.</li> </ul>
CHM 118: General Chemistry for Majors II (SQ) AND CHM 112:  General Chemistry Laboratory for Majors II (SQ) OR CHM 116: General Chemistry II (SQ)	4	C	
 MAT 271: Calculus with Analytic Geometry II (MA) OR MAT 266: Calculus for Engineers II (MA)	3-4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	14-15		
Term 3 28 - 43 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CHM 233: General Organic Chemistry I	3	C	<ul style="list-style-type: none"> <li>Research <a href="#">admission requirements</a> for health-related professional schools.</li> <li>Discuss <a href="#">study abroad opportunities</a> with a School of Molecular Sciences advisor.</li> </ul>
 CHM 237: General Organic Chemistry Laboratory I	1	C	
 PHY 111: General Physics (SQ)	3	C	
BIO 182: General Biology II (SG)	4	C	
PHY 113: General Physics Laboratory (SQ)	1	C	
Computer/Statistics/Quantitative Applications (CS)	3		

❖ Complete First-Year Composition requirement.

Complete Mathematics (MA) requirement.

Term hours subtotal: 15

Term 4 43 - 60 Credit Hours Critical course signified by ❖	Hours	Minimum Grade	Notes
❖ PHY 112: General Physics (SQ)	3	C	<ul style="list-style-type: none"> <li>• Due to lower-division prerequisites, pre-health students are encouraged to choose upper-division General Studies (HU or SB) and Science and Society courses.</li> <li>• Connect with a career advisor by registering for a <a href="#">Handshake</a> account.</li> </ul>
CHM 234: General Organic Chemistry II	3	C	
CHM 238: General Organic Chemistry Laboratory II	1	C	
PHY 114: General Physics Laboratory (SQ)	1	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Social-Behavioral Sciences (SB)	3		
Elective	3		
Term hours subtotal:	17		

Term 5 60 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ BCH 341: Physical Chemistry with a Biological Focus	3	C	<ul style="list-style-type: none"> <li>• Create a first draft <a href="#">resume</a>.</li> </ul>
BCH 461: General Biochemistry	3	C	
Advanced BIO Elective	3-4	C	
Social-Behavioral Sciences (SB)	3		
Upper Division Elective	3		
Term hours subtotal:	15-16		

Term 6 75 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
BCH 462: General Biochemistry	3	C	<ul style="list-style-type: none"> <li>• This is an ideal semester to <a href="#">study abroad</a>. BCH courses may be taken in the final two terms.</li> <li>• Explore internship opportunities in <a href="#">industry and health fields</a>.</li> </ul>
BCH 463: Biophysical Chemistry	3	C	
Advanced BIO Elective	3-4	C	
Literacy and Critical Inquiry (L)	3		
Upper Division Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) OR Upper Division Social-Behavioral Sciences (SB) AND Upper Division Cultural Diversity in the U.S. (C)	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15-16		

Term 7 90 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ BCH 467: Analytical Biochemistry Laboratory (L)	3	C	<ul style="list-style-type: none"> <li>• Apply for full-time career opportunities.</li> </ul>
Science and Society Elective	3	C	
Upper Division Elective OR BCH 484: Internship	3		
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ BCH OR CHM Upper Division Elective	3	C	
Upper Division Science and Society Elective	3	C	
Complete 3 courses:			

Upper Division Elective	9
Term hours subtotal:	15

- Upper Division BCH or CHM Elective must be completed at Tempe campus and cannot be met with BCH 361, BCH 367, BCH 371, BCH 372, CHM 341, CHM 460, or CHM 480.

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.
- With prior approval of an academic advisor in the School of Molecular Sciences, other courses may be used to satisfy the Advanced BIO Elective requirement.

Hide Course List(s)/Track Group(s)

Advanced BIO Elective
BIO 201: Human Anatomy and Physiology I (SG)
BIO 202: Human Anatomy and Physiology II (SG)
BIO 302: Cancer--Mother of All Diseases (L)
BIO 325: Oceanography or CHM 385: Oceanography
BIO 340: General Genetics or MBB 347: Molecular Genetics: From Genes to Proteins
BIO 351: Developmental Biology
BIO 353: Cell Biology
BIO 360: Animal Physiology
BIO 440: Functional Genomics
BIO 446: Principles of Human Genetics (L)
BIO 450: Advanced Developmental Biology
BIO 451: Cell Biotechnology: Cell Culture, Immunocytochemistry and Bioimaging
BIO 465: Neurophysiology
MBB 343: Genetic Engineering and Society (L)
MBB 350: Applied Genetics
MIC 205: Microbiology (SG)
MIC 206: Microbiology Laboratory (SG)
MIC 220: Biology of Microorganisms
MIC 360: Bacterial Physiology

**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map

### Biochemistry, BS




School/College: [The College of Liberal Arts and Sciences](#)

Location: [Online ASU Local](#)




LABCHBS



In order to complete the requirements of this program, some laboratory courses will be completed in-person at the Tempe Campus.

These laboratory courses will be offered during summer. This may impact your financial aid. Financial aid is available to those who apply and qualify, and students may receive funds to help cover costs for each semester of enrollment. The amount of financial aid that a student is eligible for varies depending on prior education experience and other individual factors. [Learn](#) more about summer financial aid and additional ways to cover summer costs.

Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> </ul>
ASU 101-LA: The ASU Experience	1		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	7		

Term 1 - B 7 - 13 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> </ul>
MAT 265: Calculus for Engineers I (MA)	3	C	
Term hours subtotal:	6		

Term 2 - A 13 - 20 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CHM 113: General Chemistry I (SQ)	4	C	<ul style="list-style-type: none"> <li>Select your <a href="#">career interest area</a> and play <a href="mailto:me3@ASU">me3@ASU</a>.</li> </ul>
 MAT 266: Calculus for Engineers II (MA)	3	C	
Term hours subtotal:	7		

Term 2 - B 20 - 27 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CHM 116: General Chemistry II (SQ)	4	C	<ul style="list-style-type: none"> <li>If interested in health-related professional programs, research the <a href="#">timeline</a> for admissions preparation and <a href="#">general admission requirements</a>.</li> </ul>
Computer/Statistics/Quantitative Applications (CS)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	7		

Term 3 - A 27 - 34 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
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❖ PHY 111: General Physics (SQ)	3	C
PHY 113: General Physics Laboratory (SQ)	1	C
Social-Behavioral Sciences (SB)	3	
Term hours subtotal:	7	

- Review the [Career Guide for ASU Online students](#) to learn about available career planning resources.

Term 3 - B 34 - 41 Credit Hours Critical course signified by ❖	Hours	Minimum Grade	Notes
❖ PHY 112: General Physics (SQ)	3	C	
PHY 114: General Physics Laboratory (SQ)	1	C	
Literacy and Critical Inquiry (L)	3		
❖ Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	7		

Term 4 - A 41 - 47 Credit Hours Critical course signified by ❖	Hours	Minimum Grade	Notes
❖ CHM 233: General Organic Chemistry I	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	6		

- Register for a [Handshake](#) account and participate in [virtual career advising](#).

Term 4 - B 47 - 53 Credit Hours	Hours	Minimum Grade	Notes
CHM 234: General Organic Chemistry II	3	C	
Elective	3		
Term hours subtotal:	6		

- Plan for in-person laboratory attendance in summer. Talk with your academic advisor.

Summer 4 53 - 55 Credit Hours Critical course signified by ❖	Hours	Minimum Grade	Notes
❖ CHM 237: General Organic Chemistry Laboratory I	1	C	
CHM 238: General Organic Chemistry Laboratory II	1	C	
Term hours subtotal:	2		

- ASU Online students will complete all experiments for the Organic Chemistry labs at the ASU Tempe campus during a one-week session in summer. Lab reports will be completed in subsequent weeks during the same summer term.

Term 5 - A 55 - 62 Credit Hours Necessary course signified by ⭐	Hours	Minimum Grade	Notes
⭐ BIO 181: General Biology I (SQ)	4	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Term hours subtotal:	7		

- Due to lower-division prerequisites, pre-health students are encouraged to choose upper-division General Studies (HU or SB) and Science and Society courses.
- Create a first draft [resume](#).

Term 5 - B 62 - 69 Credit Hours	Hours	Minimum Grade	Notes
BIO 182: General Biology II (SG)	4	C	
Science and Society Elective	3	C	
Term hours subtotal:	7		

Term 6 - A 69 - 75 Credit Hours Necessary course signified by ⭐	Hours	Minimum Grade	Notes
⭐ BCH 341: Physical Chemistry with a Biological Focus	3	C	

Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) 3

Term hours subtotal: 6

Term 6 - B 75 - 81 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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BCH 463: Biophysical Chemistry	3	C	
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Upper Division Elective	3		
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★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 6

Term 7 - A 81 - 87 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ BCH 461: General Biochemistry	3	C	
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Upper Division Elective	3		
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Term hours subtotal: 6

Term 7 - B 87 - 93 Credit Hours	Hours	Minimum Grade	Notes
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BCH 462: General Biochemistry	3	C	
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Upper Division Elective	3		
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Term hours subtotal: 6

- View [career webinars](#) offered by the Career and Professional Development Center.

Term 8 - A 93 - 99 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ Advanced BIO Elective	3-4	C	
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Upper Division Elective	3		
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Term hours subtotal: 6-7

Term 8 - B 99 - 105 Credit Hours	Hours	Minimum Grade	Notes
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Advanced BIO Elective	3-4	C	
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Upper Division Elective	3		
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Term hours subtotal: 6-7

- Plan for in-person laboratory attendance in summer. Talk with your academic advisor.
- Apply for [full-time career opportunities](#).

Summer 8 105 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ BCH 467: Analytical Biochemistry Laboratory (L)	3	C	
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Term hours subtotal: 3

- ASU Online students will complete all experiments for the Analytical Biochemistry lab at the ASU Tempe campus during a one-week session in summer. Lab reports will be completed in subsequent weeks during the same summer term.

Term 9 - A 108 - 114 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ BCH OR CHM Upper Division Elective	3	C	
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Upper Division Elective	3		
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Term hours subtotal: 6

- Upper Division BCH or CHM Elective cannot be met with BCH 361, BCH 367, BCH 371, BCH 372, CHM 341, CHM 460, or CHM 480. Talk with your academic advisor for options.

Term 9 - B 114 - 120 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Science and Society Elective	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.
  - With prior approval of an academic advisor in the School of Molecular Sciences, other courses may be used to satisfy the Advanced BIO Elective requirement.

Hide Course List(s)/Track Group(s)

Advanced BIO Elective
BIO 201: Human Anatomy and Physiology I (SG)
BIO 202: Human Anatomy and Physiology II (SG)
BIO 340: General Genetics
BIO 351: Developmental Biology
BIO 353: Cell Biology
BIO 360: Animal Physiology
MIC 205: Microbiology (SG)
MIC 206: Microbiology Laboratory (SG)
MIC 220: Biology of Microorganisms

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

General University Requirements Legend

General Studies Core Requirements:

**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for**  
**Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum  
**Total College Residency Hrs:** 12 minimum

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.












## 2023 - 2024 Major Map

### Biochemistry (Medicinal Chemistry), BS

School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe](#)

LABCHMBS

Term 1 0 - 15 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
CHM 117: General Chemistry for Majors I (SQ) AND CHM 111:  General Chemistry Laboratory for Majors I (SQ) OR CHM 113: General Chemistry I (SQ)	4	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>Students placing into lower level math courses can still graduate in 4 years -- see an academic advisor for planning.</li> <li>Select your <a href="#">Career Interest Areas</a> and play <a href="mailto:me3@asu.edu">me3@ASU</a>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
MAT 270: Calculus with Analytic Geometry I (MA) OR MAT 265: Calculus for Engineers I (MA)	4-3	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Term hours subtotal:	15-14		
Term 2 15 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 BIO 181: General Biology I (SQ)	4	C	<ul style="list-style-type: none"> <li>Research the <a href="#">timeline</a> for health careers and professional program admissions preparation.</li> </ul>
CHM 118: General Chemistry for Majors II (SQ) AND CHM 112:  General Chemistry Laboratory for Majors II (SQ) OR CHM 116: General Chemistry II (SQ)	4	C	
 MAT 271: Calculus with Analytic Geometry II (MA) OR MAT 266: Calculus for Engineers II (MA)	4-3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15-14		
Term 3 30 - 45 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CHM 233: General Organic Chemistry I	3	C	<ul style="list-style-type: none"> <li>Research <a href="#">admission requirements</a> for health-related professional schools.</li> <li>Create a first draft <a href="#">resume</a>.</li> </ul>
 CHM 237: General Organic Chemistry Laboratory I	1	C	
 PHY 111: General Physics (SQ)	3	C	
BIO 182: General Biology II (SG)	4		
PHY 113: General Physics Laboratory (SQ)	1	C	
Computer/Statistics/Quantitative Applications (CS)	3		

📌 Complete First-Year Composition requirement.

Complete Mathematics (MA) requirement.

Term hours subtotal: 15

Term 4 45 - 60 Credit Hours Critical course signified by 📌	Hours	Minimum Grade	Notes
📌 PHY 112: General Physics (SQ)	3	C	<ul style="list-style-type: none"> <li>• Explore internship opportunities within industry and health fields.</li> <li>• Discuss study abroad opportunities with a School of Molecular Sciences advisor.</li> </ul>
CHM 234: General Organic Chemistry II	3	C	
CHM 238: General Organic Chemistry Laboratory II	1	C	
PHY 114: General Physics Laboratory (SQ)	1	C	
Social-Behavioral Sciences (SB)	3		
Elective	4		
Term hours subtotal:	15		

Term 5 60 - 76 Credit Hours Necessary course signified by ⭐	Hours	Minimum Grade	Notes
⭐ BCH 341: Physical Chemistry with a Biological Focus	3	C	<ul style="list-style-type: none"> <li>• Connect with a Career Advisor by registering for a Handshake account.</li> <li>• Due to lower-division prerequisites, pre-health students are encouraged to choose an upper-division HU &amp; H general studies course.</li> </ul>
BCH 461: General Biochemistry	3	C	
BIO 353: Cell Biology	3		
CHM 343: Elementary Physical Chemistry Laboratory	1	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	16		

Term 6 76 - 90 Credit Hours Necessary course signified by ⭐	Hours	Minimum Grade	Notes
BCH 462: General Biochemistry	3	C	<ul style="list-style-type: none"> <li>• This is an ideal semester to study abroad . BCH courses may be taken in the final two terms.</li> </ul>
BCH 463: Biophysical Chemistry	3	C	
Literacy and Critical Inquiry (L)	3		
Upper Division Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) OR Upper Division Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Upper Division Elective	2		
⭐ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	14		

Term 7 90 - 105 Credit Hours Necessary course signified by ⭐	Hours	Minimum Grade	Notes
⭐ CHM 433: Advanced Organic Chemistry I	3	C	<ul style="list-style-type: none"> <li>• Apply for full-time career opportunities.</li> <li>• Due to lower-division prerequisites, pre-health students are encouraged to choose an upper-division Science and Society course.</li> </ul>
BCH 467: Analytical Biochemistry Laboratory (L)	3	C	
Science and Society Elective	3	C	
Elective	3		
Upper Division Elective OR BCH 484: Internship	3		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by ⭐	Hours	Minimum Grade	Notes
⭐ CHM 435: Medicinal Chemistry	3	C	
BCH OR CHM Upper Division Elective	3	C	

Upper Division Science and Society Elective	3	C
Complete 2 courses:		
Upper Division Elective	6	
Term hours subtotal:	15	

- Upper Division BCH or CHM Elective must be completed at Tempe campus and cannot be met with BCH 361, BCH 367, BCH 371, BCH 372, CHM 341, CHM 460, or CHM 480.

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.














## 2023 - 2024 Major Map

### Biochemistry (Medicinal Chemistry), BS












School/College: [The College of Liberal Arts and Sciences](#)

Location: [Online ASU Local](#)

LABCHMBS

Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>Select your <b>Career Interest Areas</b> and play <a href="#">me3@ASU</a>.</li> </ul>
ASU 101-LA: The ASU Experience	1		
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	7		
Term 1 - B 7 - 13 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> </ul>
MAT 265: Calculus for Engineers I (MA)	3		
Term hours subtotal:	6		
Term 2 - A 13 - 20 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CHM 113: General Chemistry I (SQ)	4	C	<ul style="list-style-type: none"> <li>Research <b>timelines</b> for health careers and professional program admissions preparation.</li> </ul>
 MAT 266: Calculus for Engineers II (MA)	3		
Term hours subtotal:	7		
Term 2 - B 20 - 27 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CHM 116: General Chemistry II (SQ)	4	C	
Computer/Statistics/Quantitative Applications (CS)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	7		
Term 3 - A 27 - 34 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 PHY 111: General Physics (SQ)	3	C	<ul style="list-style-type: none"> <li>Research <b>admission requirements</b> for health-related professional schools.</li> <li>Create a first draft <b>resume</b>.</li> </ul>
PHY 113: General Physics Laboratory (SQ)	1	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	7		

- Due to lower-division prerequisites, pre-health students are encouraged to choose upper-division General Studies (HU or SB) and Science and Society courses.

Term 3 - B 34 - 41 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 PHY 112: General Physics (SQ)	3	C	
PHY 114: General Physics Laboratory (SQ)	1	C	
Literacy and Critical Inquiry (L)	3		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	7		
Term 4 - A 41 - 48 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 BIO 181: General Biology I (SQ)	4	C	
 CHM 233: General Organic Chemistry I	3	C	
Term hours subtotal:	7		<ul style="list-style-type: none"> <li>• Explore internship opportunities within industry and health fields.</li> </ul>
Term 4 - B 48 - 55 Credit Hours	Hours	Minimum Grade	Notes
BIO 182: General Biology II (SG)	4		
CHM 234: General Organic Chemistry II	3	C	
Term hours subtotal:	7		
Summer 4 55 - 57 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CHM 237: General Organic Chemistry Laboratory I	1	C	
CHM 238: General Organic Chemistry Laboratory II	1	C	
Term hours subtotal:	2		<ul style="list-style-type: none"> <li>• ASU Online students will complete all experiments for the Organic Chemistry labs at the ASU Tempe campus during a one-week session in summer. Lab reports will be completed in subsequent weeks during the same summer term.</li> </ul>
Term 5 - A 57 - 61 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 BCH 341: Physical Chemistry with a Biological Focus	3	C	
CHM 343: Elementary Physical Chemistry Laboratory	1		
Term hours subtotal:	4		<ul style="list-style-type: none"> <li>• Connect with a career advisor by registering for a <a href="#">Handshake</a> account.</li> </ul>
Term 5 - B 61 - 67 Credit Hours	Hours	Minimum Grade	Notes
BCH 463: Biophysical Chemistry	3	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Term hours subtotal:	6		
Term 6 - A 67 - 73 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 BIO 353: Cell Biology	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	6		

Term 6 - B 73 - 80 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Elective	4		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	7		

Term 7 - A 80 - 86 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ BCH 461: General Biochemistry	3	C	• Apply for full-time career opportunities.
Elective	3		
Term hours subtotal:	6		

Term 7 - B 86 - 92 Credit Hours	Hours	Minimum Grade	Notes
BCH 462: General Biochemistry	3	C	
Science and Society Elective	3	C	
Term hours subtotal:	6		

Summer 7 92 - 95 Credit Hours	Hours	Minimum Grade	Notes
BCH 467: Analytical Biochemistry Laboratory (L)	3	C	• ASU Online students will complete all experiments for the Analytical Biochemistry lab at the ASU Tempe campus during a one-week session in summer. Lab reports will be completed in subsequent weeks during the same summer term.
Term hours subtotal:	3		

Term 8 - A 95 - 102 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CHM 433: Advanced Organic Chemistry I	3	C	
Upper Division Elective	4		
Term hours subtotal:	7		

Term 8 - B 102 - 108 Credit Hours	Hours	Minimum Grade	Notes
BCH OR CHM Upper Division Elective	3	C	
Elective	3		
Term hours subtotal:	6		

Term 9 - A 108 - 114 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Science and Society Elective	3	C	• Explore an internship.
Upper Division Elective OR BCH 484: Internship	3		
Term hours subtotal:	6		

Term 9 - B 114 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CHM 435: Medicinal Chemistry	3	C	
Elective	3		
Term hours subtotal:	6		

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.











## 2023 - 2024 Major Map

### Biological Sciences, BS

School/College: [The College of Liberal Arts and Sciences](#)



Location: [Tempe](#)



LABSCBS



Term 1 0 - 15 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 BIO 181: General Biology I (SQ)	4	C	<ul style="list-style-type: none"> <li>LIA 101, ASU 101, or other First-Year Seminar required of all first-year students</li> <li>Students transferring General Statistics (STP 226 or PSY 230) will fulfill STP 231 requirement</li> <li>Select your <b>career interest area</b> and play <a href="mailto:me3@ASU">me3@ASU</a></li> </ul>
 LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
CHM 113: General Chemistry I (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
STP 231: Statistics for Life Science (CS)	3	C	
Term hours subtotal:	15		
Term 2 15 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 BIO 182: General Biology II (SG)	4	C	<ul style="list-style-type: none"> <li>Join a student <b>organization</b></li> <li>Create a resume and <b>Handshake</b> account with the Career &amp; Professional Development Center</li> <li>Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.)</li> <li>Attend a <b>Pre-Health 101</b> session</li> <li>Students transferring Calculus (MAT 270 or MAT 210) will fulfill MAT 251 requirement.</li> <li>Students not transferring mathematics courses must take the <b>Mathematics Placement Assessment</b>.</li> </ul>
CHM 116: General Chemistry II (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 251: Calculus for Life Sciences (MA)	3	C	
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	17		
Term 3 32 - 46 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 BIO 340: General Genetics	4	C	<ul style="list-style-type: none"> <li>Pre-health students should take CHM 233 and CHM 237 instead of CHM 231 and CHM 235. See the pre-health <b>website</b> for more information</li> <li>If CHM 233 and 237 are taken, then CHM 234 and 238 must be taken the following semester</li> <li>It is not recommended to take more than two lab courses in a term.</li> </ul>
CHM 231: Elementary Organic Chemistry (SQ)	3		
CHM 235: Elementary Organic Chemistry Laboratory (SQ)	1		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Elective	3		
 Complete First-Year Composition requirement.			
 Complete Mathematics (MA) requirement.			



Term hours subtotal: 14

- Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.)
- Attend a [Study Abroad 101 Session](#)
- Explore [minors](#) or [certificates](#)

Term 4 46 - 61 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 BIO 345: Evolution	3	C	<ul style="list-style-type: none"> <li>• Pre-health students should take CHM 234 and CHM 238 instead of the elective in this term. See the pre-health <a href="#">website</a> for more information</li> <li>• If CHM 233 and 237 are taken, then CHM 234 and 238 must be taken the following semester</li> <li>• Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.)</li> <li>• Explore or pursue <a href="#">internship opportunities</a></li> <li>• Meet with the <a href="#">Career &amp; Professional Development Center</a> to learn how to develop professional skills</li> </ul>
Science and Society Elective	3	C	
Literacy and Critical Inquiry (L)	3		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Elective	3		
Term hours subtotal:	15		

Term 5 61 - 75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 Upper Division Additional Major Requirement Course	3	C	<ul style="list-style-type: none"> <li>• Pre-health students should take PHY 111 and PHY 113 instead of PHY 101 in this term. See the pre-health <a href="#">website</a> for more information</li> <li>• Meet with your <a href="#">advisor</a> to discuss ways to maximize your remaining time at ASU (i.e. pre-health; 4+1 Masters Programs; study abroad)</li> </ul>
PHY 101: Introduction to Physics (SQ)	4	C	
Major Laboratory/Research Course	1-4	C	
Humanities, Arts and Design (HU)	3		
Upper Division Elective	3		
Term hours subtotal:	14-17		

Term 6 75 - 90 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 Upper Division Additional Major Requirement Course	3	C	<ul style="list-style-type: none"> <li>• Pre-health students should take PHY 112 and PHY 114 instead of an elective in this term. See the pre-health <a href="#">website</a> for more information</li> <li>• Use Handshake to research <a href="#">employment opportunities</a></li> </ul>
Upper Division Major Laboratory/Research Course	2-4	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Complete 2 courses: Elective	7		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15-17		

Term 7 90 - 105 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 Upper Division Additional Major Requirement Course	3	C	<ul style="list-style-type: none"> <li>• <a href="#">Explore</a> or apply for full-time career opportunities or graduate school</li> <li>• Meet with your <a href="#">advisor</a> to verify remaining degree requirements have been met prior to Term 8</li> </ul>
Upper Division Major Elective Course	3	C	
Upper Division Science and Society Elective	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Upper Division Elective	3		

Term hours subtotal: 15

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Complete 2 courses: Upper Division Additional Major Requirement Course	6-7	C	• Continue to apply for full-time career opportunities or graduate school
Upper Division Major Elective Course	3	C	
Complete 2 courses: Elective	6		
Term hours subtotal:	15-16		

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Major Laboratory/Research Courses	Major Elective Courses	Additional Major Requirements Courses
BCH 367: Elementary Biochemistry Laboratory	BCH 361: Advanced Principles of Biochemistry	<b>Ethics, History, and Philosophy of Science</b>
BIO 303: Plant Diversity and Evolution (L or SG)	BIO OR HPS OR MBB OR MIC 3** Elective	BIO 311: Biology and Society or HPS 340: Biology and Society
BIO 308: Plant Physiology	BIO OR HPS OR MBB OR MIC 4** Elective	BIO 312: Bioethics (HU) or PHI 320: Bioethics (HU)
BIO 321: Introductory Ecology Laboratory		BIO 318: History of Medicine (HU & H) or HPS 331: History of Medicine (HU & H)
BIO 342: General Genetics Laboratory		BIO 416: Biomedical Research Ethics (L) or HPS 410: Biomedical Research Ethics (L)
BIO 343: Genetic Engineering and Society (L) or MBB 343: Genetic Engineering and Society (L)		HPS 314: Philosophy of Science (HU) or PHI 314: Philosophy of Science (HU)
BIO 352: Laboratory in Vertebrate Developmental Anatomy		<b>Ecology, Conservation Biology and Evolution</b>
BIO 354: Cell Biology Laboratory		BIO 320: Fundamentals of Ecology
BIO 357: Cell and Molecular Biology Laboratory		BIO 322: Conservation of Biodiversity
BIO 361: Animal Physiology Laboratory		BIO 421: Landscape Ecology
BIO 370: Vertebrate Zoology		BIO 422: Ecosystem Ecology
BIO 385: Comparative Invertebrate Zoology		BIO 423: Population and Community Ecology
BIO 386: General Entomology		<b>Microbiology, Molecular, &amp; Cellular Biology</b>
BIO 390: Medical/Dental Field Placement or BIO 484: Internship or MIC 484: Internship		BCH 361: Advanced Principles of Biochemistry
BIO 415: Statistical Models for Biology (CS)		BIO 343: Genetic Engineering and Society (L) or MBB 343: Genetic Engineering and Society (L)
BIO 435: Research Techniques in Animal Behavior		BIO 351: Developmental Biology

BIO 451: Cell Biotechnology: Cell Culture, Immunocytochemistry and Bioimaging

BIO 471: Ornithology

BIO 474: Herpetology

BIO 475: Advanced Human Anatomy

BIO 492: Honors Directed Study or MIC 492: Honors Directed Study or MBB 492: Honors Directed Study

BIO 495: Undergraduate Research or MBB 495: Undergraduate Research or MIC 495: Undergraduate Research

MBB 350: Applied Genetics

MIC 220: Biology of Microorganisms AND MIC 206: Microbiology Laboratory (SG)

MIC 302: Advanced Bacteriology Laboratory (L)

MIC 421: Experimental Immunology

BIO 353: Cell Biology

BIO 420: Immunology: Molecular and Cellular Foundations or MIC 420: Immunology: Molecular and Cellular Foundations

BIO 440: Functional Genomics

MIC 220: Biology of Microorganisms AND MIC 206: Microbiology Laboratory (SG)

### Organismal Biology

BIO 308: Plant Physiology

BIO 331: Animal Behavior

BIO 360: Animal Physiology

BIO 370: Vertebrate Zoology

BIO 461: Comparative Animal Physiology

BIO 462: Endocrine Physiology

BIO 467: Neurobiology

### Notes:

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

### General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)



## First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.




## 2023 - 2024 Major Map



### Biological Sciences, BS

School/College: [The College of Liberal Arts and Sciences](#)


Location: [Online ASU Local](#)

LABSCBS

Term 1 - A 0 - 8 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ASU 101-LA: The ASU Experience	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students</li> </ul>
 BIO 181: General Biology I (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	8		

Term 1 - B 8 - 15 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 BIO 182: General Biology II (SG)	4	C	<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> <li>Create a resume and <a href="#">Handshake account</a> with the Career &amp; Professional Development Center to explore research or internship opportunities</li> <li>Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.)</li> <li>Join a <a href="#">student organization</a></li> <li>Students transferring Calculus (MAT 270 or MAT 210) will fulfill MAT 251 requirement</li> <li>Students not transferring mathematics courses must take the <a href="#">Mathematics Placement Assessment</a>.</li> </ul>
MAT 251: Calculus for Life Sciences (MA)	3	C	
Term hours subtotal:	7		

Term 2 - A 15 - 22 Credit Hours	Hours	Minimum Grade	Notes
CHM 113: General Chemistry I (SQ)	4	C	<ul style="list-style-type: none"> <li>Select your <a href="#">career interest area</a> and play <a href="#">me3@ASU</a>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 2 - B 22 - 29 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
CHM 116: General Chemistry II (SQ)	4	C	<ul style="list-style-type: none"> <li>If interested in health-related professional programs, research the <a href="#">timeline</a> for</li> </ul>
STP 231: Statistics for Life Science (CS)	3	C	

❖ Complete ENG 101 OR ENG 105 OR ENG 107 course(s).

Term hours subtotal: 7

admissions preparation and [general admission requirements](#).

- Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.)
- Students transferring General Statistics (STP 226 or PSY 230) will fulfill STP 231 requirement

Term 3 - A 29 - 36 Credit Hours <b>Critical course signified by</b> ❖	Hours	Minimum Grade	Notes
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❖ BIO 340: General Genetics	4	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	7		

- Due to lower-division prerequisites, pre-health students are encouraged to choose upper division General Studies (HU or SB) and The College Science and Society courses.
- It is not recommended to take more than two lab courses in a term.
- Review the [Career Guide for ASU Online students](#) to learn about available career planning resources.

Term 3 - B 36 - 42 Credit Hours <b>Critical course signified by</b> ❖	Hours	Minimum Grade	Notes
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Literacy and Critical Inquiry (L)	3		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
❖ Complete First-Year Composition requirement.			
❖ Complete Mathematics (MA) requirement.			
Term hours subtotal:	6		

- Meet with the [Career & Professional Development Center](#) to learn how to develop professional skills

Term 4 - A 42 - 48 Credit Hours <b>Critical course signified by</b> ❖	Hours	Minimum Grade	Notes
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❖ BIO 345: Evolution	3	C	
CHM 231: Elementary Organic Chemistry (SQ)	3	C	
Term hours subtotal:	6		

- Develop your [professional online presence](#)
- Pre-health students should take CHM 233 and CHM 237 instead of CHM 231 and CHM 235. See the [pre-health website](#) for more information
- If CHM 233 is taken, then CHM 234 must be taken the following semester
- Organic Chemistry labs (CHM 237 for CHM 233, and CHM 238 for CHM 234) are required and available at ASU over the summer. Please speak with an advisor for more information.

Term 4 - B 48 - 55 Credit Hours	Hours	Minimum Grade	Notes
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Humanities, Arts and Design (HU)	3		
Elective	4		
Term hours subtotal:	7		

Summer 4 55 - 56 Credit Hours	Hours	Minimum Grade	Notes
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CHM 235: Elementary Organic Chemistry Laboratory (SQ)	1	C	
Term hours subtotal:	1		

- ASU Online students will complete all experiments for the CHM 235 organic chemistry lab at the Tempe Campus of ASU

during a one-week session in summer. Lab reports will be completed in later weeks during the same summer term.

- Pre-health students will complete CHM 237 and CHM 238 organic chemistry labs instead of CHM 235.

Term 5 - A 56 - 63 Credit Hours	Hours	Minimum Grade	Notes
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PHY 101: Introduction to Physics (SQ)	4	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	7		

- Due to lower-division prerequisites, pre-health students are encouraged to choose upper division General Studies (HU or SB) and The College Science and Society courses.
- If interested in health-related professional programs, use [ASU's Health Professions Advising](#) to prepare for application.
- Pre-health students should take PHY 111 and PHY 113 instead of PHY 101 in this term. See the pre-health [website](#) for more information
- Meet with your advisor to discuss ways to maximize your remaining time at ASU (i.e. pre-health; 4+1 Masters Programs; study abroad)
- Explore [graduate school](#) or full-time [career opportunities](#)

Term 5 - B 63 - 69 Credit Hours <span style="color: red;">Necessary course signified by ★</span>	Hours	Minimum Grade	Notes
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★ Upper Division Additional Major Requirement Course	3-4	C	
Elective	3		
Term hours subtotal:	6-7		

- Pre-health students should take PHY 112 and PHY 114 instead of an elective this term. See the pre-health [website](#) for more information.
- [Network](#) in your career interest area.

Term 6 - A 69 - 75 Credit Hours <span style="color: red;">Necessary course signified by ★</span>	Hours	Minimum Grade	Notes
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★ Upper Division Additional Major Requirement Course	3	C	
Science and Society Elective	3	C	
Term hours subtotal:	6		

- Work with your academic advisor to align your additional major requirements and major elective courses with your career aspirations
- Use [Handshake](#) to research employment opportunities

Term 6 - B 75 - 82 Credit Hours <span style="color: red;">Necessary course signified by ★</span>	Hours	Minimum Grade	Notes
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★ Upper Division Additional Major Requirement Course	3	C	
★ Major Laboratory Research Course	1-4	C	
Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	7-10		

Term 7 - A 82 - 87 Credit Hours	Hours	Minimum Grade	Notes
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Upper Division Major Laboratory Research Course	2-4	C	
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Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) 3

Term hours subtotal: 5-7

- Meet with your advisor to verify remaining degree requirements have been met prior to Term 8
- **Explore** or apply for full-time career opportunities or graduate school

Term 7 - B 87 - 96 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
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★ Upper Division Major Elective Course	3	C	
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	9		

Term 8 - A 96 - 102 Credit Hours	Hours	Minimum Grade	Notes
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Upper Division Science and Society Elective	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	6		

- Explore other resources available through ASU's **Career and Professional Development Center**

Term 8 - B 102 - 108 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
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★ Upper Division Major Elective Course	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		

- Gather **professional references**

Term 9 - A 108 - 114 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
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★ Upper Division Additional Major Requirement Course	3	C	
Elective	3		
Term hours subtotal:	6		

Term 9 - B 114 - 120 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
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★ Upper Division Additional Major Requirement Course	3	C	
Elective	3		
Term hours subtotal:	6		

- Continue to apply for **full-time career opportunities** or **graduate school**

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Major Laboratory Research Course	Major Electives	Additional Major Requirements Courses
BCH 367: Elementary Biochemistry Laboratory	BCH 361: Advanced Principles of Biochemistry	<b>Ethics, History, and Philosophy of Science</b>
BIO 321: Introductory Ecology Laboratory	BIO OR HPS OR MBB OR MIC 3** Elective	BIO 311: Biology and Society or HPS 340: Biology and Society

BIO 342: General Genetics Laboratory	BIO OR HPS OR MBB OR MIC 4** Elective	BIO 312: Bioethics (HU) or PHI 320: Bioethics (HU)
BIO 357: Cell and Molecular Biology Laboratory		BIO 318: History of Medicine (HU & H) or HPS 331: History of Medicine (HU & H)
BIO 361: Animal Physiology Laboratory		BIO 416: Biomedical Research Ethics (L) or HPS 410: Biomedical Research Ethics (L)
BIO 370: Vertebrate Zoology		HPS 314: Philosophy of Science (HU) or PHI 314: Philosophy of Science (HU)
BIO 415: Statistical Models for Biology (CS)		<b>Ecology, Conservation Biology and Evolution</b>
BIO 475: Advanced Human Anatomy		BIO 320: Fundamentals of Ecology
BIO 484: Internship		BIO 322: Conservation of Biodiversity
BIO 492: Honors Directed Study or MIC 492: Honors Directed Study or MBB 492: Honors Directed Study		BIO 422: Ecosystem Ecology
BIO 495: Undergraduate Research		BIO 423: Population and Community Ecology
MIC 220: Biology of Microorganisms AND MIC 206: Microbiology Laboratory (SG)		<b>Microbiology, Molecular, &amp; Cellular Biology</b>
		BCH 361: Advanced Principles of Biochemistry
		BIO 351: Developmental Biology
		BIO 353: Cell Biology
		BIO 420: Immunology: Molecular and Cellular Foundations or MIC 420: Immunology: Molecular and Cellular Foundations
		BIO 440: Functional Genomics
		MIC 220: Biology of Microorganisms AND MIC 206: Microbiology Laboratory (SG)
		<b>Organismal Biology</b>
		BIO 331: Animal Behavior
		BIO 360: Animal Physiology
		BIO 370: Vertebrate Zoology
		BIO 462: Endocrine Physiology

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.











## 2023 - 2024 Major Map

### Biological Sciences (Biology and Society), BS

School/College: [The College of Liberal Arts and Sciences](#)



Location: [Tempe](#)



LABSCSBS




Term 1 0 - 15 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 BIO 181: General Biology I (SQ)	4	C	<ul style="list-style-type: none"> <li>LIA 101, ASU 101, or other First-Year Seminar required of all first-year students</li> <li>Students transferring General Statistics (STP 226 or PSY 230) will fulfill STP 231 requirement</li> <li>Select your <b>career interest area</b> and play <a href="mailto:me3@ASU">me3@ASU</a></li> </ul>
 LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
CHM 113: General Chemistry I (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
STP 231: Statistics for Life Science (CS)	3	C	
Term hours subtotal:	15		
Term 2 15 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 BIO 182: General Biology II (SG)	4	C	<ul style="list-style-type: none"> <li>Join a <b>student organization</b></li> <li>Create a resume &amp; <b>Handshake</b> account with the <b>Career &amp; Professional Development Center</b></li> <li>Explore <b>Research Opportunities</b></li> <li>Attend a <b>Pre-Health 101 Session</b></li> <li>Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.)</li> <li>Students transferring Calculus (MAT 270 or MAT 210) will fulfill MAT 251 requirement</li> </ul>
CHM 116: General Chemistry II (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
MAT 251: Calculus for Life Sciences (MA)	3	C	
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	17		
Term 3 32 - 48 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 BIO 340: General Genetics	4	C	<ul style="list-style-type: none"> <li>Pre-health students should take CHM 233 and CHM 237 instead of the elective in this term. See pre-health <b>website</b> for more information.</li> <li>If CHM 233 and 237 are taken, then CHM 234 and 238 must be taken the following semester.</li> <li>It is not recommended to take more than two lab courses in a term.</li> </ul>
BIO 311: Biology and Society OR HPS 340: Biology and Society	3	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Complete 2 courses: Elective	6		
 Complete First-Year Composition requirement.			
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		





- BIO 311 or HPS 340 will fulfill the upper-division Science and Society requirement for The College.
- Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.)
- Attend a [Study Abroad 101 Session](#).
- Explore [minors and certificates](#).

Term 4 48 - 63 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 BIO 345: Evolution	3	C	<ul style="list-style-type: none"> <li>• Pre-health students should take CHM 234 and CHM 238 instead of electives in this term. See the pre-health <a href="#">website</a> for more information.</li> <li>• If CHM 233 and 237 are taken, then CHM 234 and 238 must be taken the following semester.</li> <li>• Explore or pursue <a href="#">internship opportunities</a>.</li> <li>• Meet with the <a href="#">Career &amp; Professional Development Center</a> to learn how to develop professional skills.</li> </ul>
Literacy and Critical Inquiry (L)	3		
Social-Behavioral Sciences (SB)	3		
Complete 2 courses:	6		
Elective			
Term hours subtotal:	15		

Term 5 63 - 78 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 Upper Division History of Science Course	3	C	<ul style="list-style-type: none"> <li>• Pre-health students should take PHY 111 and 113 instead of an elective this term. See the pre-health <a href="#">website</a> for more information.</li> <li>• Students are encouraged to explore research options through BIO 307, 314, 414, plus 484, 492, or 495.</li> <li>• Meet with your <a href="#">advisor</a> to discuss ways to maximize your remaining time at ASU (i.e. pre-health; 4+1 Masters Programs; <a href="#">study abroad</a>).</li> <li>• Explore graduate school or full-time <a href="#">career opportunities</a>.</li> </ul>
Upper Division Major Biological Sciences Elective	3	C	
Science and Society Elective	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Elective	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 Upper Division Bioethics Course	3	C	<ul style="list-style-type: none"> <li>• Pre-health students should take PHY 112 and 114 instead of electives this term. See the pre-health <a href="#">website</a> for more information.</li> <li>• Students are encouraged to explore research options through BIO 307, 314, 414, plus 484, 492, or 495.</li> </ul>
Upper Division Major Biological Sciences Elective	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Complete 2 courses:	6		
Elective			
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 106 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 Upper Division Environmental Ethics, Conservation and Society Course	3	C	<ul style="list-style-type: none"> <li>• Meet with your <a href="#">advisor</a> to verify remaining degree requirements have been met prior to Term 8.</li> </ul>
 Upper Division Philosophy of Science Course	3	C	

Complete 2 courses: 7  
 Elective

- Explore or apply for full-time career opportunities or graduate school.

Term hours subtotal: 13

Term 8 106 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Science in Global Society Course	3	C	• Continue to apply for full-time career opportunities or graduate school.
Complete 2 courses:	6	C	
Upper Division Major Biological Sciences Elective			
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Elective	2		
Term hours subtotal:	14		

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Science in Global Society Courses	Major Biological Sciences Elective Courses	Philosophy of Science Courses
BIO 302: Cancer--Mother of All Diseases (L)	BCH 361: Advanced Principles of Biochemistry	BIO 452: Philosophy of Biology and Medicine or HPS 452: Philosophy of Biology and Medicine
BIO 304: Plants and Civilization (L) or ENV 302: Plants and Civilization (L)	BIO OR HPS OR MBB OR MIC 3** Elective	HPS 314: Philosophy of Science (HU) or PHI 314: Philosophy of Science (HU)
MIC 314: HIV/AIDS: Science, Behavior, and Society or SSH 314: HIV/AIDS: Science, Behavior, and Society	BIO OR HPS OR MBB OR MIC 4** Elective	
Bioethics Courses	Environmental Ethics, Conservation and Society Courses	History of Science Courses
BIO 312: Bioethics (HU)	BIO 322: Conservation of Biodiversity	BIO 316: History of Biology: Conflicts and Controversies (H) or HPS 330: History of Biology: Conflicts and Controversies (H)
BIO 416: Biomedical Research Ethics (L) or HPS 410: Biomedical Research Ethics (L)	BIO 324: Environmental Ethics (HU)	BIO 317: History of Science II (HU & H) or HPS 323: History of Science II (HU & H)
	BIO 412: Conservation in Practice	BIO 318: History of Medicine (HU & H) or HPS 331: History of Medicine (HU & H)
		HPS 322: History of Science I (HU & H)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that

guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.




## 2023 - 2024 Major Map



### Biological Sciences (Biology and Society), BS

School/College: [The College of Liberal Arts and Sciences](#)



Location: [Online ASU Local](#)

LABSCSBS


Term 1 - A 0 - 8 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ASU 101-LA: The ASU Experience	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students</li> </ul>
 BIO 181: General Biology I (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	8		

Term 1 - B 8 - 15 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 BIO 182: General Biology II (SG)	4	C	<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> <li>Create a resume and <a href="#">Handshake account</a> with the Career &amp; Professional Development Center to explore research or internship opportunities.</li> <li>Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.)</li> <li>Join a <a href="#">student organization</a>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 2 - A 15 - 22 Credit Hours	Hours	Minimum Grade	Notes
CHM 113: General Chemistry I (SQ)	4	C	<ul style="list-style-type: none"> <li>Select your <a href="#">career interest area</a> and play <a href="mailto:me3@ASU">me3@ASU</a>.</li> <li>Students transferring General Statistics (STP 226 or PSY 230) will fulfill STP 231 requirement.</li> </ul>
STP 231: Statistics for Life Science (CS)	3	C	
Term hours subtotal:	7		


Term 2 - B 22 - 29 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
CHM 116: General Chemistry II (SQ)	4	C	<ul style="list-style-type: none"> <li>If interested in health-related professional programs, research the <a href="#">timeline</a> for admissions preparation and <a href="#">general admission requirements</a>.</li> </ul>
MAT 251: Calculus for Life Sciences (MA)	3	C	
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	7		




- Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.)
- Students transferring Calculus (MAT 270 or MAT 210) will fulfill MAT 251 requirement.

Term 3 - A 29 - 36 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
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 BIO 340: General Genetics	4	C
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3	
Term hours subtotal:	7	

- Due to lower-division prerequisites, pre-health students are encouraged to choose upper division General Studies (HU or SB) and The College Science and Society courses.
- It is not recommended to take more than two lab courses in a term.
- Review the [Career Guide for ASU Online students](#) to learn about available career planning resources.

Term 3 - B 36 - 42 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
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 BIO 311: Biology and Society OR HPS 340: Biology and Society	3	C
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3	
 Complete First-Year Composition requirement.		
 Complete Mathematics (MA) requirement.		
Term hours subtotal:	6	

- Meet with the [Career & Professional Development Center](#) to learn how to develop professional skills


Term 4 - A 42 - 48 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
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 BIO 345: Evolution	3	C
Elective	3	
Term hours subtotal:	6	

- Students are encouraged to explore research options through BIO 307, 314, 414, plus 484, 492, or 495.
- Develop your [professional online presence](#).

Term 4 - B 48 - 54 Credit Hours	Hours	Minimum Grade	Notes
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Humanities, Arts and Design (HU) AND Historical Awareness (H)	3	
Elective	3	
Term hours subtotal:	6	

Term 5 - A 54 - 60 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
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 Upper Division Science in Global Society Course	3	C
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3	
Term hours subtotal:	6	

- If interested in health-related professional programs, use [ASU's Health Professions Advising](#) to prepare for application.
- Meet with your advisor to discuss ways to maximize your remaining time at ASU (i.e. pre-health; 4+1 Masters Programs; [study abroad](#)).
- Explore graduate school or full-time [career opportunities](#).

Term 5 - B 60 - 66 Credit Hours	Hours	Minimum Grade	Notes
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Science and Society Elective	3	C
Social-Behavioral Sciences (SB)	3	
Term hours subtotal:	6	

- **Network** in your career interest area.

Term 6 - A 66 - 75 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
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Upper Division Bioethics Course	3	C
Literacy and Critical Inquiry (L)	3	
Elective	3	
Term hours subtotal:	9	

- Work with your academic advisor to align your additional major requirement and major elective courses with your career aspirations
- Use **Handshake** to research employment opportunities

Term 6 - B 75 - 81 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
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Upper Division History of Science Course	3	C
Upper Division Literacy and Critical Inquiry (L)	3	
Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
Term hours subtotal:	6	

Term 7 - A 81 - 87 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
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Upper Division Major Biological Sciences Elective	3	C
Elective	3	
Term hours subtotal:	6	

- Students are encouraged to explore research options through BIO 307, 314, 414, plus 484, 492, or 495.
- Meet with your advisor to verify remaining degree requirements have been met prior to Term 8
- **Explore** or apply for full-time career opportunities or graduate school

Term 7 - B 87 - 93 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
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Upper Division Philosophy of Science Course	3	C
Elective	3	
Term hours subtotal:	6	

Term 8 - A 93 - 101 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
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Upper Division Major Biological Sciences Elective	3	C
Upper Division Elective	2	
Elective	3	
Term hours subtotal:	8	

- Explore other resources available through ASU's **Career and Professional Development Center**

Term 8 - B 101 - 107 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
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Upper Division Major Biological Sciences Elective	3	C
Elective	3	
Term hours subtotal:	6	

- Gather **professional references**

Term 9 - A 107 - 114 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
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★ Upper Division Major Biological Sciences Elective	3	C
Elective	4	
Term hours subtotal:	7	

★ Term 9 - B 114 - 120 Credit Hours Necessary course signified by	Hours	Minimum Grade	Notes
★ Upper Division Environmental Ethics, Conservation and Society Course	3	C	• Continue to apply for full-time career opportunities or graduate school
Elective	3		
Term hours subtotal:	6		

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Major Biological Sciences Elective Courses	Bioethics Courses	History of Science Courses
BCH 361: Advanced Principles of Biochemistry	BIO 312: Bioethics (HU)	BIO 316: History of Biology: Conflicts and Controversies (H) or HPS 330: History of Biology: Conflicts and Controversies (H)
BIO OR HPS 3** Elective	BIO 416: Biomedical Research Ethics (L) or HPS 410: Biomedical Research Ethics (L)	BIO 318: History of Medicine (HU & H) or HPS 331: History of Medicine (HU & H)
BIO OR HPS 4** Elective		HPS 322: History of Science I (HU & H)
		HPS 323: History of Science II (HU & H)
Philosophy of Science Courses	Environmental Ethics, Conservation and Society Courses	Science in Global Society Courses
HPS 314: Philosophy of Science (HU) or PHI 314: Philosophy of Science (HU)	BIO 322: Conservation of Biodiversity	BIO 304: Plants and Civilization (L) or ENV 302: Plants and Civilization (L)
	BIO 324: Environmental Ethics (HU)	

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

Total Hours: 120

Upper Division Hours: 45 minimum

General University Requirements Legend

**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for**  
**Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum  
**Total College Residency Hrs:** 12 minimum

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.













## 2023 - 2024 Major Map

### Biological Sciences (Biomedical Sciences), BS



School/College: [The College of Liberal Arts and Sciences](#)





Location: [Tempe](#)




LABSCMBS



Term 1 0 - 15 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 BIO 181: General Biology I (SQ)	4	C	<ul style="list-style-type: none"> <li>LIA 101, ASU 101, or other First-Year Seminar is required of all first-year students</li> <li>Students transferring General Statistics (STP 226 or PSY 230) will fulfill STP 231 requirement</li> <li>Select your <b>career interest area</b> and play <a href="mailto:me3@ASU">me3@ASU</a>.</li> </ul>
 LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
CHM 113: General Chemistry I (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
STP 231: Statistics for Life Science (CS)	3	C	
Term hours subtotal:	15		
Term 2 15 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 BIO 182: General Biology II (SG)	4	C	<ul style="list-style-type: none"> <li>Create a resume and <b>Handshake</b> account with the Career &amp; Professional Development Center to explore research or internship opportunities</li> <li>Attend a <b>Pre-Health 101 Session</b></li> <li>Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.)</li> <li>Join a <b>student organization</b></li> <li>Students transferring Calculus (MAT 270 or MAT 210) will fulfill MAT 251 requirement</li> </ul>
CHM 116: General Chemistry II (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
MAT 251: Calculus for Life Sciences (MA)	3	C	
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	17		
Term 3 32 - 46 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 BIO 340: General Genetics OR MBB 347: Molecular Genetics: From Genes to Proteins	4	C	<ul style="list-style-type: none"> <li>Pre-health students should take CHM 233 and CHM 237 instead of CHM 231 and CHM 235. See pre-health <a href="#">website</a> for more information.</li> <li>If CHM 233 and 237 are taken, then CHM 234 and 238 must be taken the following semester.</li> <li>It is not recommended to take more than two lab courses in a term.</li> </ul>
CHM 231: Elementary Organic Chemistry (SQ)	3	C	
CHM 235: Elementary Organic Chemistry Laboratory (SQ)	1	C	
Science and Society Elective	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
 Complete First-Year Composition requirement.			
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	14		

- On-campus students are encouraged to take MBB 347 to satisfy the genetics requirement.
- Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.)
- Attend a [Study Abroad 101 Session](#)
- Explore [minors or certificates](#)

Term 4 46 - 61 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 BIO 345: Evolution	3	C	<ul style="list-style-type: none"> <li>• Pre-health students should take CHM 234 and CHM 238 instead of the elective in this term. See pre-health <a href="#">website</a> for more information.</li> <li>• If CHM 233 and 237 are taken, then CHM 234 and 238 must be taken the following semester.</li> <li>• Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.)</li> <li>• Meet with the <a href="#">Career &amp; Professional Development Center</a> to learn how to develop professional skills.</li> </ul>
Literacy and Critical Inquiry (L)	3		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Complete 2 courses:			
Elective	6		
Term hours subtotal:	15		

Term 5 61 - 75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 BCH 361: Advanced Principles of Biochemistry	3	C	<ul style="list-style-type: none"> <li>• Pre-health students should take PHY 111 and PHY 113 instead of PHY 101 in this term. See pre-health <a href="#">website</a> for more information.</li> <li>• Meet with your <a href="#">advisor</a> to discuss ways to maximize your remaining time at ASU (i.e. pre-health; 4+1 Masters Programs; study abroad)</li> </ul>
 BCH 367: Elementary Biochemistry Laboratory	1	C	
 BIO 353: Cell Biology	3	C	
PHY 101: Introduction to Physics (SQ)	4	C	
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	14		

Term 6 75 - 90 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
BIO 351: Developmental Biology OR BIO 420: Immunology: Molecular and Cellular Foundations OR BIO 440: Functional Genomics OR BIO 462: Endocrine Physiology OR BIO 467: Neurobiology	3	C	<ul style="list-style-type: none"> <li>• Pre-health students should take PHY 112 and PHY 114 instead of an elective in this term. See pre-health <a href="#">website</a> for more information</li> <li>• BIO 312 or BIO 416 will be used to satisfy the upper-division Science and Society credit for The College</li> <li>• Some upper-division Medicine in Society and Biomedical Research Courses require prerequisites, which may be taken as electives</li> <li>• Research <a href="#">employment opportunities</a> or <a href="#">graduate school</a> programs</li> </ul>
 BIO 360: Animal Physiology	3	C	
BIO 312: Bioethics (HU) OR BIO 416: Biomedical Research Ethics (L)	3	C	
Upper Division Elective	4		
Elective	2		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 106 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 Upper Division Biomedical Research Course OR Upper Division Medicine in Society Course	4-2	C	

Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3
Upper Division Literacy and Critical Inquiry (L)	3
Upper Division Elective	3
Elective	3
Term hours subtotal:	16-14

- Courses from the Medicine in Society and Biomedical Research groups must include at least one course from each group and at least one lab course
- Some upper-division Medicine in Society and Biomedical Research Courses require prerequisites, which may be taken as electives
- Explore or apply for **full-time career opportunities** or **graduate school**
- Meet with your **advisor** to verify remaining degree requirements have been met prior to Term 8

Term 8 106 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ BIO 351: Developmental Biology OR BIO 420: Immunology: Molecular and Cellular Foundations OR BIO 440: Functional Genomics OR BIO 462: Endocrine Physiology OR BIO 467: Neurobiology	3	C	<ul style="list-style-type: none"> <li>• Courses from the Medicine in Society and Biomedical Research groups must include at least one course from each group and at least one lab course.</li> <li>• Continue to apply for <b>full-time career opportunities</b> or <b>graduate school</b></li> </ul>
★ Upper Division Biomedical Research Course OR Upper Division Medicine in Society Course	2-4	C	
Complete 3 courses: Elective	9		
Term hours subtotal:	14-16		

- Students must take at least one course from the Medicine in Society group and at least one course from the Biomedical Research group, and at least one of those must be a lab course.
- Some upper-division Medicine in Society courses require lower-division prerequisites, which may be taken as electives. See list of Suggested Electives provided.
- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Biomedical Research	Medicine in Society	Suggested Electives
BIO 342: General Genetics Laboratory	ASB 301: Global History of Health (SB & G & H) or HST 301: Global History of Health (SB & G & H) or SSH 301: Global History of Health (SB & G & H)	ASB 100: Introduction to Global Health (SB & G)
BIO 343: Genetic Engineering and Society (L) or MBB 343: Genetic Engineering and Society (L)	ASB 443: Cross-Cultural Studies in Global Health ((L or SB) & G) or SSH 403: Cross-Cultural Studies in Global Health ((L or SB) & G)	ASB 102: Introduction to Cultural Anthropology (SB & G)
BIO 352: Laboratory in Vertebrate Developmental Anatomy	ASB 452: Community Partnerships for Global Health (SB) or SSH 402: Community Partnerships for Global Health (SB)	ASB 222: Buried Cities and Lost Tribes ((HU or SB) & G & H)
BIO 354: Cell Biology Laboratory		ASB 223: Aztecs, Incas and Mayas ((HU or SB) & G & H)
BIO 355: Introduction to Computational Molecular Biology (CS) or MAT 355:		ASM 104: Bones, Stones, and Human Evolution (SB or SG)

Introduction to Computational Molecular Biology (CS) or MBB 355: Introduction to Computational Molecular Biology (CS)	ASB 462: Medical Anthropology: Culture and Health (SB & C)	BIO 331: Animal Behavior
BIO 357: Cell and Molecular Biology Laboratory	ASM 345: Disease and Human Evolution	HST 101: Global History Since 1500 (HU & H & G) or SGS 111: Global History Since 1500 (HU & H & G)
BIO 361: Animal Physiology Laboratory	ASM 401: Health and Human Biology	MBB 445: Techniques in Molecular Biology/Genetics or MIC 445: Techniques in Molecular Biology/Genetics
BIO 370: Vertebrate Zoology	ASM 403: Evolutionary Medicine and Global Health or BIO 403: Evolutionary Medicine and Global Health	
BIO 390: Medical/Dental Field Placement or BIO 484: Internship or MIC 484: Internship	ASM 414: Urban, Environmental and Health Challenges (SB)	
BIO 415: Statistical Models for Biology (CS)	BIO 302: Cancer--Mother of All Diseases (L)	
BIO 435: Research Techniques in Animal Behavior	BIO 311: Biology and Society or HPS 340: Biology and Society	
BIO 439: Computing for Research	BIO 394: Healing Traditions of Latino-America	
BIO 450: Advanced Developmental Biology	BIO 394: Spanish for Biomedical Sciences	
BIO 451: Cell Biotechnology: Cell Culture, Immunocytochemistry and Bioimaging	BIO 408: Advanced Evolutionary Medicine	
BIO 475: Advanced Human Anatomy	BIO 494: Introduction To Clinical Healthcare	
BIO 492: Honors Directed Study or MBB 492: Honors Directed Study or MIC 492: Honors Directed Study	HPS 331: History of Medicine (HU & H) or BIO 318: History of Medicine (HU & H)	
BIO 495: Undergraduate Research or MBB 495: Undergraduate Research or MIC 495: Undergraduate Research	MIC 314: HIV/AIDS: Science, Behavior, and Society or SSH 314: HIV/AIDS: Science, Behavior, and Society	
BMI 465: Introduction to Comparative Genomics		
MBB 446: Techniques in Molecular Biology/Genetics Lab or MIC 446: Techniques in Molecular Biology/Genetics Lab		
MIC 421: Experimental Immunology		
MIC 425: Advanced Immunology		

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.




## 2023 - 2024 Major Map



### Biological Sciences (Biomedical Sciences), BS

School/College: [The College of Liberal Arts and Sciences](#)


Location: [Online ASU Local](#)

LABSCMBS

Term 1 - A 0 - 8 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ASU 101-LA: The ASU Experience	1		<ul style="list-style-type: none"> <li>ASU 101 or other First-Year Seminar is required of all first-year students</li> </ul>
 BIO 181: General Biology I (SQ)	4	C	
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
Term hours subtotal:		8	

Term 1 - B 8 - 15 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 BIO 182: General Biology II (SQ)	4	C	<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> <li>Create a resume and <a href="#">Handshake account</a> with the Career &amp; Professional Development Center to explore research or internship opportunities</li> <li>Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.)</li> <li>Join a <a href="#">student organization</a></li> <li>Students transferring Calculus (MAT 270 or MAT 210) will fulfill MAT 251 requirement</li> <li>Students not transferring mathematics courses must take the <a href="#">Mathematics Placement Assessment</a>.</li> </ul>
MAT 251: Calculus for Life Sciences (MA)	3	C	
Term hours subtotal:		7	

Term 2 - A 15 - 22 Credit Hours	Hours	Minimum Grade	Notes
CHM 113: General Chemistry I (SQ)	4	C	<ul style="list-style-type: none"> <li>Select your career interest area and <a href="#">play me3@ASU</a></li> </ul>
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
Term hours subtotal:		7	

Term 2 - B 22 - 29 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
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CHM 116: General Chemistry II (SQ)	4	C
STP 231: Statistics for Life Science (CS)	3	C
◆ Complete ENG 101 OR ENG 105 OR ENG 107 course(s).		
Term hours subtotal:	7	

- If interested in health-related professional programs, research the [timeline](#) for admissions preparation and [general admission requirements](#).
- Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.)
- Students transferring General Statistics (STP 226 or PSY 230) will fulfill STP 231 requirement

Term 3 - A 29 - 36 Credit Hours Critical course signified by ◆	Hours	Minimum Grade	Notes
◆ BIO 340: General Genetics	4	C	<ul style="list-style-type: none"> <li>• Due to lower-division prerequisites, pre-health students are encouraged to choose upper-division General Studies (HU or SB) and The College Science and Society courses.</li> <li>• It is not recommended to take more than two lab courses in a term.</li> <li>• Review the <a href="#">Career Guide for ASU Online students</a> to learn about available career planning resources.</li> </ul>
Elective	3		
Term hours subtotal:	7		

Term 3 - B 36 - 42 Credit Hours Critical course signified by ◆	Hours	Minimum Grade	Notes
◆ BIO 345: Evolution	3	C	<ul style="list-style-type: none"> <li>• Meet with the <a href="#">Career &amp; Professional Development Center</a> to learn how to develop professional skills</li> </ul>
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
◆ Complete First-Year Composition requirement.			
◆ Complete Mathematics (MA) requirement.			
Term hours subtotal:	6		

Term 4 - A 42 - 48 Credit Hours Critical course signified by ◆	Hours	Minimum Grade	Notes
◆ CHM 231: Elementary Organic Chemistry (SQ)	3	C	<ul style="list-style-type: none"> <li>• Develop your <a href="#">professional online presence</a></li> <li>• Pre-health students should take CHM 233 and CHM 237 instead of CHM 231 and CHM 235. See <a href="#">pre-health website</a> for more information</li> <li>• If CHM 233 and 237 are taken, then CHM 234 and 238 must be taken the following term</li> <li>• Organic Chemistry labs (CHM 237 for CHM 233, and CHM 238 for CHM 234) are required and available at ASU over the summer. Please speak with an advisor for more information.</li> </ul>
Science and Society Elective	3	C	
Term hours subtotal:	6		

Term 4 - B 48 - 54 Credit Hours	Hours	Minimum Grade	Notes
BIO 312: Bioethics (HU) OR BIO 416: Biomedical Research Ethics (L)	3	C	<ul style="list-style-type: none"> <li>• BIO 312 or BIO 416 may be used to satisfy the upper-division Science and Society credit for The College.</li> </ul>
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	6		

Summer 4 Session 1 54 - 55 Credit Hours	Hours	Minimum Grade	Notes
CHM 235: Elementary Organic Chemistry Laboratory (SQ)	1	C	

Term hours subtotal: 1

- ASU Online students will complete all experiments for the CHM 235 organic chemistry lab at the ASU Tempe campus during a one-week session in summer. Lab reports will be completed in later weeks during the same summer term.
- Pre-health students will complete CHM 237 and CHM 238 organic chemistry labs instead of CHM 235.

Term 5 - A 55 - 62 Credit Hours	Hours	Minimum Grade	Notes
PHY 101: Introduction to Physics (SQ)	4	C	
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Term hours subtotal:	7		

- Due to lower-division prerequisites, pre-health students are encouraged to choose upper-division General Studies (HU or SB) and The College Science and Society courses.
- If interested in health-related professional programs, use [ASU's Health Professions Advising](#) to prepare for applications.
- Pre-health students should take PHY 111 and PHY 113 instead of PHY 101 in this term. See the pre-health [website](#) for more information.
- Meet with your advisor to discuss ways to maximize your remaining time at ASU (i.e. pre-health; 4+1 Masters Programs; study abroad)
- Explore [graduate school](#) or full-time [career opportunities](#).

Term 5 - B 62 - 68 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ BIO 353: Cell Biology	3	C	
Elective	3		
Term hours subtotal:	6		

- Pre-health students should take PHY 112 and PHY 114 instead of an elective this term. See the pre-health [website](#) for more information.
- [Network](#) in your career interest area.

Term 6 - A 68 - 74 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ BIO 360: Animal Physiology	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	6		

- Biochemistry lab BCH 367 is available at ASU over the summer. Please speak with an advisor for more information
- Pre-health students should take PHY 112 and PHY 114 instead of an elective in this term. See pre-health [website](#) for more information.

Term 6 - B 74 - 80 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ BCH 361: Advanced Principles of Biochemistry	3	C	
Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

- Biochemistry lab BCH 367 is available at ASU over the summer. Please speak with an advisor for more information.

Summer 6 Session 2 80 - 84 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ BCH 367: Elementary Biochemistry Laboratory	1	C
Elective	3	
Term hours subtotal:	4	

- ASU Online students will complete all experiments for the BCH 367 biochemistry lab at the ASU Tempe campus during a one-week session in summer. Lab reports will be completed in later weeks during the same summer term.

Term 7 - A 84 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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BIO 351: Developmental Biology OR BIO 420: Immunology: ★ Molecular and Cellular Foundations OR BIO 440: Functional Genomics OR BIO 462: Endocrine Physiology OR BIO 467: Neurobiology	3	C
Literacy and Critical Inquiry (L)	3	
Term hours subtotal:	6	

- Meet with your advisor to verify remaining degree requirements have been met prior to Term 8
- Explore or apply for full-time career opportunities or graduate school

Term 7 - B 90 - 96 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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BIO 351: Developmental Biology OR BIO 420: Immunology: ★ Molecular and Cellular Foundations OR BIO 440: Functional Genomics OR BIO 462: Endocrine Physiology OR BIO 467: Neurobiology	3	C
Upper Division Literacy and Critical Inquiry (L)	3	
Term hours subtotal:	6	

Term 8 - A 96 - 99 Credit Hours	Hours	Minimum Grade	Notes
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Elective	3	
Term hours subtotal:	3	

- Explore other resources available through ASU's [Career and Professional Development Center](#)

Term 8 - B 99 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ Upper Division Biomedical Research Course OR Upper Division Medicine in Society Course	3	C
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3	
Term hours subtotal:	6	

- Some upper-division Medicine in Society and Biomedical Research Courses require prerequisites, which may be taken as electives.
- Courses from the Medicine in Society and Biomedical Research groups must include at least one course from each group and at least one lab course.
- Research [employment opportunities](#) or graduate school programs
- Gather [professional references](#)

Term 9 - A 105 - 113 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ Upper Division Biomedical Research Course OR Upper Division Medicine in Society Course	3	C
Complete 2 courses: Elective	5	
Term hours subtotal:	8	

- Courses from the Medicine in Society and Biomedical Research groups must include at least one course from each group and at least one lab course.
- Some upper-division Medicine in Society and Biomedical Research Courses require prerequisites, which may be taken as electives.

Term 9 - B 113 - 120 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Elective	7		
Term hours subtotal:			
	7		<ul style="list-style-type: none"> <li>Meet with your advisor to verify remaining degree requirements have been met</li> <li>Continue to apply for full-time career opportunities or graduate school</li> </ul>

- Students must take at least one course from the Medicine in Society group and at least one course from the Biomedical Research group, and at least one of those must be a lab course.
- Some upper-division Medicine in Society courses require lower-division prerequisites, which may be taken as electives. See list of Suggested Electives provided.
- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Biomedical Research	Medicine in Society	Suggested Electives
BIO 342: General Genetics Laboratory	ASB 301: Global History of Health (SB & G & H) or HST 301: Global History of Health (SB & G & H) or SSH 301: Global History of Health (SB & G & H)	ASB 100: Introduction to Global Health (SB & G)
BIO 357: Cell and Molecular Biology Laboratory		ASB 102: Introduction to Cultural Anthropology (SB & G)
BIO 361: Animal Physiology Laboratory	ASB 443: Cross-Cultural Studies in Global Health ((L or SB) & G) or SSH 403: Cross-Cultural Studies in Global Health ((L or SB) & G)	ASB 222: Buried Cities and Lost Tribes ((HU or SB) & G & H)
BIO 370: Vertebrate Zoology		ASM 104: Bones, Stones, and Human Evolution (SB or SG)
BIO 415: Statistical Models for Biology (CS)		BIO 331: Animal Behavior
BIO 439: Computing for Research	ASB 452: Community Partnerships for Global Health (SB) or SSH 402: Community Partnerships for Global Health (SB)	HST 101: Global History Since 1500 (HU & H & G) or SGS 111: Global History Since 1500 (HU & H & G)
BIO 475: Advanced Human Anatomy		
BIO 484: Internship	ASB 462: Medical Anthropology: Culture and Health (SB & C)	
BIO 495: Undergraduate Research	ASM 345: Disease and Human Evolution	
	ASM 403: Evolutionary Medicine and Global Health	
	ASM 414: Urban, Environmental and Health Challenges (SB)	
	BIO 494: Introduction To Clinical Healthcare	
	HPS 331: History of Medicine (HU & H)	
	MIC 314: HIV/AIDS: Science, Behavior, and Society	

Notes:

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- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.











## 2023 - 2024 Major Map

### Biological Sciences (Conservation Biology and Ecology), BS



School/College: [The College of Liberal Arts and Sciences](#)





Location: [Tempe](#)




LABSCCBS



Term 1 0 - 15 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes	
 BIO 181: General Biology I (SQ)	4	C	<ul style="list-style-type: none"> <li>LIA 101, ASU 101, or other First-Year Seminar required of all first-year students</li> <li>Students transferring General Statistics (STP 226 or PSY 230) will fulfill STP 231 requirement</li> <li>Select your <b>career interest area</b> and play <a href="mailto:me3@ASU">me3@ASU</a>.</li> </ul>	
 LIA 101: Student Success in The College of Liberal Arts and Sciences	1			
CHM 113: General Chemistry I (SQ)	4	C		
ENG 101 or ENG 102: First-Year Composition OR				
ENG 105: Advanced First-Year Composition OR	3	C		
ENG 107 or ENG 108: First-Year Composition				
STP 231: Statistics for Life Science (CS)	3	C		
Term hours subtotal:	15			
Term 2 15 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes	
 BIO 182: General Biology II (SG)	4	C	<ul style="list-style-type: none"> <li>Join a student <b>organization</b></li> <li>Create a resume and <b>Handshake</b> account with the Career &amp; Professional Development Center</li> <li>Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.)</li> <li>Attend a <b>Pre-Health 101 Session</b></li> <li>Students transferring Calculus (MAT 270 or MAT 210) will fulfill MAT 251 requirement</li> </ul>	
CHM 116: General Chemistry II (SQ)	4	C		
ENG 101 or ENG 102: First-Year Composition OR				
ENG 105: Advanced First-Year Composition OR	3	C		
ENG 107 or ENG 108: First-Year Composition				
MAT 251: Calculus for Life Sciences (MA)	3	C		
Elective	1			
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).				
Term hours subtotal:	15			
Term 3 30 - 45 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes	
 BIO 320: Fundamentals of Ecology	3	C	<ul style="list-style-type: none"> <li>Pre-health students should take CHM 233 and CHM 237 as their Physical Science requirement course this term. See the pre-health <b>website</b> for more information</li> <li>If CHM 233 and 237 are taken, then CHM 234 and 238 must be taken the following semester</li> <li>It is not recommended to take more than two lab courses in a term.</li> <li>Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.)</li> <li>Attend a <b>Study Abroad 101 Session</b></li> </ul>	
Physical Science Requirement Course	3-4	C		
Science and Society Elective	3	C		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3			
Literacy and Critical Inquiry (L)	3			
 Complete First-Year Composition requirement.				
 Complete Mathematics (MA) requirement.				
Term hours subtotal:	15-16			


- Explore [minors or certificates](#)

Term 4 45 - 61 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 BIO 340: General Genetics	4	C	<ul style="list-style-type: none"> <li>• Meet with the <a href="#">Career &amp; Professional Development Center</a> to learn how to develop professional skills</li> <li>• Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.)</li> <li>• Pre-health students should take CHM 234 and CHM 238 this term instead of an elective. See the pre-health <a href="#">website</a> for more information</li> <li>• If CHM 233 and 237 are taken, then CHM 234 and 238 must be taken the following semester</li> </ul>
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Social-Behavioral Sciences (SB)	3		
Complete 2 courses:	6		
Elective			
Term hours subtotal:	16		

Term 5 61 - 76 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 BIO 322: Conservation of Biodiversity	3	C	<ul style="list-style-type: none"> <li>• BIO 322 will be used to satisfy the upper-division Science and Society requirement for The College</li> <li>• Pre-health students should take PHY 111 and 113 instead of an elective this term. See the pre-health <a href="#">website</a> for more information</li> <li>• Meet with your <a href="#">advisor</a> to discuss ways to maximize your remaining time at ASU (i.e. pre-health; 4+1 Masters Programs; study abroad)</li> </ul>
 BIO 345: Evolution	3	C	
 Upper Division Human Dimensions of Conservation and Ecology Course	3	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Elective	3		
Term hours subtotal:	15		

Term 6 76 - 91 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 Upper Division Conservation Biology and Ecology Field Methods Course	3	C	<ul style="list-style-type: none"> <li>• Conservation Biology and Ecology courses teach students field (outdoor) and laboratory methods that are commonly used in conservation biology and ecology.</li> <li>• Pre-health students should take PHY 112 and 114 instead of an elective this term. See the pre-health <a href="#">website</a> for more information</li> <li>• Use Handshake to research <a href="#">employment opportunities</a></li> </ul>
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Complete 2 courses:	6		
Upper Division Elective	3		
Elective	3		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 91 - 106 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 Upper Division Advanced Ecology Course	3	C	<ul style="list-style-type: none"> <li>• Explore or apply for <a href="#">full-time career opportunities</a> or <a href="#">graduate school</a></li> <li>• Meet with your <a href="#">advisor</a> to verify remaining degree requirements have been met prior to Term 8.</li> </ul>
Quantitative & Spatial Analysis Course	3-4	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Complete 2 courses:	6		
Elective	6		
Term hours subtotal:	15-16		

Term 8 106 - 120 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
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★ Upper Division Advanced Ecology, Biodiversity, Field or Research Course	3-4	C
★ Upper Division Advanced Human Dimensions of Conservation and Ecology Course	3	C
Complete 2 courses: Upper Division Elective	5	
Elective	3	
Term hours subtotal:	14-15	

- Continue to apply for full-time career opportunities or graduate school.

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Human Dimensions of Conservation and Ecology	Conservation Biology and Ecology Field Methods	Physical Science Requirement Courses
BIO 304: Plants and Civilization (L) or ENV 302: Plants and Civilization (L)	BIO 386: General Entomology	CHM 231: Elementary Organic Chemistry (SQ) AND CHM 235: Elementary Organic Chemistry Laboratory (SQ)
BIO 324: Environmental Ethics (HU) or PHI 310: Environmental Ethics (HU)	BIO 405: Sonoran Desert Field Botany	GIS 205: Geographic Information Science I (CS)
BIO 363: From Cells to Society: Understanding Complexity	BIO 407: Novel Ecosystems	GIS 211: Geographic Information Science II (CS)
BIO 412: Conservation in Practice	BIO 410: Techniques in Conservation Biology and Ecology (L)	GLG 101: Introduction to Geology I (Physical) (SQ) AND GLG 103: Introduction to Geology I: Laboratory (SQ)
JUS 444: Environment and Justice (L & C) or FIS 444: Environment and Justice (L & C)	BIO 472: Mammalogy	GLG 327: Earth's Critical Zone or SOS 374: Earth's Critical Zone
SOS 310: Equity, Justice and Sustainability	BIO 484: Internship	GPH 111: Introduction to Physical Geography (SQ)
SOS 321: Policy and Governance in Sustainable Systems	BIO 494: Discovering Biodiversity	PHY 101: Introduction to Physics (SQ) or PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ)
SOS 325: The Economics of Sustainability	BIO 494: Lichenology	
SOS 349: Nature, Sustainability and Religion or REL 349: Nature, Sustainability and Religion or JST 349: Nature, Sustainability and Religion		
Quantitative & Spatial Analysis Courses	Advanced Ecology	Advanced Human Dimensions of Conservation and Ecology
BIO 411: Quantitative Methods in Conservation and Ecology	BIO 331: Animal Behavior	BIO 304: Plants and Civilization (L) or ENV 302: Plants and Civilization (L)
BIO 415: Statistical Models for Biology (CS)	BIO 421: Landscape Ecology or SOS 421: Landscape Ecology	BIO 324: Environmental Ethics (HU) or PHI 310: Environmental Ethics (HU)
GIS 311: Geographic Information Science III (CS)	BIO 422: Ecosystem Ecology	BIO 412: Conservation in Practice
GIS 470: Advanced Statistics for Geography and Planning (CS)	BIO 423: Population and Community Ecology	BIO 494: Society and Natural Resource Management
GIS 471: Spatial Statistics for Geography and Planning	BIO 425: Marine Conservation Ecology	
	SOS 326: Sustainable Ecosystems	

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GIS 494: GIS for Climate Change Science

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GIS 494: GIS Methods for Non-Majors

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SOS 212: Systems, Dynamics and Sustainability

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Advanced Ecology, Biodiversity, Field or Research Course

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ABS 376: Wildlife Ecology

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ABS 380: Restoration and Wildlife Plants

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ABS 470: Life History of Mammals

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ABS 476: Big Game Habitat Management

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ABS 481: Riparian and Wetland Restoration

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ASM 443: Primatology

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BIO 303: Plant Diversity and Evolution (L or SG)

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BIO 313: The Flora of Arizona

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BIO 325: Oceanography

---

BIO 331: Animal Behavior

---

BIO 370: Vertebrate Zoology

---

BIO 385: Comparative Invertebrate Zoology

---

BIO 386: General Entomology

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BIO 405: Sonoran Desert Field Botany

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BIO 410: Techniques in Conservation Biology and Ecology (L)

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BIO 419: Physiological Plant Ecology

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BIO 421: Landscape Ecology

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BIO 430: Plant Geography or GPH 422: Plant Geography

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BIO 436: Sociobiology and Behavioral Ecology

---

BIO 461: Comparative Animal Physiology

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BIO 492: Honors Directed Study

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JUS 444: Environment and Justice (L & C) or FIS 444: Environment and Justice (L & C)

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PRM 370: Public Lands Management

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PRM 380: Wilderness and Parks in America (SB & H)

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REL 349: Nature, Sustainability and Religion or JST 349: Nature, Sustainability and Religion or SOS 349: Nature, Sustainability and Religion

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SOS 310: Equity, Justice and Sustainability

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SOS 321: Policy and Governance in Sustainable Systems

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SOS 325: The Economics of Sustainability

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**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.






## 2023 - 2024 Major Map



### Biological Sciences (Conservation Biology and Ecology), BS

School/College: [The College of Liberal Arts and Sciences](#)



Location: [Online ASU Local](#)

LABSCCBS

Term 1 - A 0 - 8 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ASU 101-LA: The ASU Experience	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students</li> </ul>
 BIO 181: General Biology I (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	8		

Term 1 - B 8 - 15 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 BIO 182: General Biology II (SG)	4	C	<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> <li>Create a resume and <a href="#">Handshake account</a> with the Career &amp; Professional Development Center to explore research or internship opportunities</li> <li>Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.)</li> <li>Join a <a href="#">student organization</a></li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 2 - A 15 - 22 Credit Hours	Hours	Minimum Grade	Notes
CHM 113: General Chemistry I (SQ)	4	C	<ul style="list-style-type: none"> <li>Select your <a href="#">career interest area</a> and play <a href="mailto:me3@ASU">me3@ASU</a>.</li> <li>Students transferring General Statistics (STP 226 or PSY 230) will fulfill STP 231 requirement</li> </ul>
STP 231: Statistics for Life Science (CS)	3	C	
Term hours subtotal:	7		

Term 2 - B 22 - 29 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
CHM 116: General Chemistry II (SQ)	4	C	<ul style="list-style-type: none"> <li>If interested in health-related professional programs, research the <a href="#">timeline</a> for admissions preparation and <a href="#">general admission requirements</a>.</li> </ul>
MAT 251: Calculus for Life Sciences (MA)	3	C	
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	7		

- Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.)
- Students transferring Calculus (MAT 270 or MAT 210) will fulfill MAT 251 requirement

Term 3 - A 29 - 35 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
⚠ BIO 320: Fundamentals of Ecology	3	C	<ul style="list-style-type: none"> <li>• It is not recommended to take more than two lab courses in a term.</li> <li>• Review the <a href="#">Career Guide for ASU Online students</a> to learn about available career planning resources.</li> </ul>
Physical Science Requirement Course	3-4	C	
Term hours subtotal:	6-7		

Term 3 - B 35 - 41 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
Science and Society Elective	3	C	<ul style="list-style-type: none"> <li>• Meet with the <a href="#">Career &amp; Professional Development Center</a> to learn how to develop professional skills</li> </ul>
Literacy and Critical Inquiry (L)	3		
⚠ Complete First-Year Composition requirement.			
⚠ Complete Mathematics (MA) requirement.			
Term hours subtotal:	6		

Term 4 - A 41 - 47 Credit Hours	Hours	Minimum Grade	Notes
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		<ul style="list-style-type: none"> <li>• BIO 322 must be completed by Term 5A; however, students can choose to take it this term</li> <li>• Due to lower-division prerequisites, pre-health students are encouraged to choose upper-division General Studies (HU or SB) and The College Science and Society courses.</li> <li>• Develop your <a href="#">professional online presence</a></li> </ul>
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	6		

Term 4 - B 47 - 54 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
⚠ BIO 340: General Genetics	4	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	7		

Term 5 - A 54 - 60 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ BIO 322: Conservation of Biodiversity	3	C	<ul style="list-style-type: none"> <li>• BIO 322 will be used to satisfy the Upper Division Science and Society requirement for The College</li> <li>• If interested in health-related professional programs, use <a href="#">ASU's Health Professions Advising</a> to prepare for application.</li> <li>• Meet with your advisor to discuss ways to maximize your remaining time at ASU (i.e. pre-health; 4+1 Masters Programs; study abroad)</li> <li>• Explore graduate school or full-time <a href="#">career opportunities</a></li> </ul>
★ BIO 345: Evolution	3	C	
Term hours subtotal:	6		

Term 5 - B 60 - 66 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
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★ Upper Division Human Dimensions of Conservation and Ecology Course	3	C	<ul style="list-style-type: none"> <li>• <b>Network</b> in your career interest area.</li> </ul>
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	6		

Term 6 - A 66 - 72 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
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★ Upper Division Conservation Biology and Ecology Field Methods Course	3	C	<ul style="list-style-type: none"> <li>• Students wanting to use BIO 484 internship to fulfill the Conservation Biology and Ecology Field Methods requirement must seek faculty approval first.</li> <li>• Work with your academic advisor to align your additional major requirements and major elective courses with your career aspirations</li> <li>• Use <b>Handshake</b> to research employment opportunities</li> </ul>
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	6		

Term 6 - B 72 - 78 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
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Upper Division Elective	3	
Elective	3	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
Term hours subtotal:	6	

Term 7 - A 78 - 84 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
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★ Upper Division Advanced Ecology Course	3	C	<ul style="list-style-type: none"> <li>• Meet with your advisor to verify remaining degree requirements have been met prior to Term 8</li> <li>• Explore or apply for <b>full-time career opportunities</b> or <b>graduate school</b></li> </ul>
Elective	3		
Term hours subtotal:	6		

Term 7 - B 84 - 90 Credit Hours	Hours	Minimum Grade	Notes
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Upper Division Literacy and Critical Inquiry (L)	3	
Elective	3	
Term hours subtotal:	6	

Term 8 - A 90 - 97 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
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★ Upper Division Advanced Human Dimensions of Conservation and Ecology Course	3	C	<ul style="list-style-type: none"> <li>• Explore other resources available through ASU's <b>Career and Professional Development Center</b></li> </ul>
Upper Division Elective	4		
Term hours subtotal:	7		

Term 8 - B 97 - 106 Credit Hours	Hours	Minimum Grade	Notes
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Quantitative & Spatial Analysis Course	3-4	C	<ul style="list-style-type: none"> <li>• Gather <b>professional references</b></li> </ul>
Complete 2 courses:			

Elective

6

Term hours subtotal: 9-10

Term 9 - A 106 - 113 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Elective	4		• Continue to apply for full-time career opportunities or graduate school
Elective	3		
Term hours subtotal:	7		

Term 9 - B 113 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Advanced Ecology, Biodiversity, Field or Research Course	3-4	C	
Elective	4		
Term hours subtotal:	7-8		

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Human Dimensions of Conservation and Ecology	Conservation Biology and Ecology Field Methods	Physical Science Requirement Courses
BIO 304: Plants and Civilization (L) or ENV 302: Plants and Civilization (L)	BIO 407: Novel Ecosystems	CHM 231: Elementary Organic Chemistry (SQ) AND CHM 235: Elementary Organic Chemistry Laboratory (SQ)
BIO 324: Environmental Ethics (HU) or PHI 310: Environmental Ethics (HU)	BIO 410: Techniques in Conservation Biology and Ecology (L)	GIS 205: Geographic Information Science I (CS)
BIO 363: From Cells to Society: Understanding Complexity	BIO 484: Internship	GIS 211: Geographic Information Science II (CS)
BIO 412: Conservation in Practice	BIO 494: Discovering Biodiversity	GLG 101: Introduction to Geology I (Physical) (SQ) AND GLG 103: Introduction to Geology I: Laboratory (SQ)
SOS 310: Equity, Justice and Sustainability		GLG 327: Earth's Critical Zone or SOS 374: Earth's Critical Zone
SOS 321: Policy and Governance in Sustainable Systems		GPH 111: Introduction to Physical Geography (SQ)
SOS 325: The Economics of Sustainability		PHY 101: Introduction to Physics (SQ) or PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ)
Quantitative & Spatial Analysis Courses	Advanced Ecology	Advanced Human Dimensions of Conservation and Ecology
BIO 415: Statistical Models for Biology (CS)	BIO 331: Animal Behavior	BIO 304: Plants and Civilization (L) or ENV 302: Plants and Civilization (L)
GIS 311: Geographic Information Science III (CS)	BIO 422: Ecosystem Ecology	BIO 324: Environmental Ethics (HU) or PHI 310: Environmental Ethics (HU)
GIS 470: Advanced Statistics for Geography and Planning (CS)	BIO 423: Population and Community Ecology	
	BIO 425: Marine Conservation Ecology	

GIS 471: Spatial Statistics for Geography and Planning

GIS 494: GIS for Climate Change Science

GIS 494: GIS Methods for Non-Majors

SOS 212: Systems, Dynamics and Sustainability

SOS 326: Sustainable Ecosystems

BIO 494: Society and Natural Resource Management

PRM 370: Public Lands Management

PRM 380: Wilderness and Parks in America (SB & H)

SOS 310: Equity, Justice and Sustainability

SOS 321: Policy and Governance in Sustainable Systems

SOS 325: The Economics of Sustainability

Advanced Ecology, Biodiversity, Field or Research Course

ASM 443: Primatology

BIO 331: Animal Behavior

BIO 370: Vertebrate Zoology

BIO 385: Comparative Invertebrate Zoology

BIO 430: Plant Geography or GPH 422: Plant Geography

BIO 495: Undergraduate Research

#### Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

#### General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)

- Historical Awareness (H)

#### First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.











## 2023 - 2024 Major Map

### Biological Sciences (Genetics, Cell and Developmental Biology), BS



School/College: The College of Liberal Arts and Sciences



Location: Tempe




LABSCGBS

Term 1 0 - 15 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 BIO 181: General Biology I (SQ)	4	C	<ul style="list-style-type: none"> <li>LIA 101, ASU 101, or other First-Year Seminar required of all first-year students</li> <li>Students transferring General Statistics (STP 226 or PSY 230) will fulfill STP 231 requirement</li> <li>Select your <b>career interest area</b> and play <a href="mailto:me3@ASU">me3@ASU</a>.</li> </ul>
 LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
CHM 113: General Chemistry I (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
STP 231: Statistics for Life Science (CS)	3	C	
Term hours subtotal:	15		
Term 2 15 - 32 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 BIO 182: General Biology II (SG)	4	C	<ul style="list-style-type: none"> <li>Join a student <b>organization</b></li> <li>Create a resume and <b>Handshake</b> account with the Career &amp; Professional Development Center</li> <li>Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.)</li> <li>Attend a <b>Pre-Health 101 Session</b></li> <li>Students transferring Calculus (MAT 270 or MAT 210) will fulfill MAT 251 requirement</li> </ul>
CHM 116: General Chemistry II (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
MAT 251: Calculus for Life Sciences (MA)	3	C	
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	17		
Term 3 32 - 46 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 BIO 340: General Genetics OR MBB 347: Molecular Genetics: From Genes to Proteins	4	C	<ul style="list-style-type: none"> <li>Pre-health students should take CHM 233 and CHM 237 instead of CHM 231 and CHM 235 this term. See pre-health <b>website</b> for more information</li> <li>If CHM 233 and 237 are taken, then CHM 234 and 238 must be taken the following semester.</li> <li>It is not recommended to take more than two lab courses in a term.</li> <li>On-campus students are encouraged to take MBB 347 to satisfy the genetics requirement.</li> </ul>
CHM 231: Elementary Organic Chemistry (SQ)	3	C	
CHM 235: Elementary Organic Chemistry Laboratory (SQ)	1	C	
Science and Society Elective	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
 Complete First-Year Composition requirement.			
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	14		

- Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.)
- Attend a [Study Abroad 101 Session](#)
- Explore [minors or certificates](#)

Term 4 46 - 61 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 BIO 345: Evolution	3	C	<ul style="list-style-type: none"> <li>• Pre-health students should take CHM 234 and CHM 238 instead of an elective this term. See pre-health <a href="#">website</a> for more information.</li> <li>• If CHM 233 and 237 are taken, then CHM 234 and 238 must be taken the following semester</li> <li>• Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.)</li> <li>• Meet with the <a href="#">Career &amp; Professional Development Center</a> to learn how to develop professional skills</li> </ul>
Literacy and Critical Inquiry (L)	3		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Complete 2 courses:			
Elective	6		
Term hours subtotal:	15		

Term 5 61 - 78 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
Complete 2 courses:			<ul style="list-style-type: none"> <li>• Pre-health students should take PHY 111 and PHY 113 instead of PHY 101 this term. See pre-health <a href="#">website</a> for more information</li> <li>• BIO 351 is typically only taught in the Fall semester</li> <li>• Meet with your <a href="#">advisor</a> to discuss ways to maximize your remaining time at ASU (i.e. pre-health; 4+1 Masters Programs; study abroad)</li> </ul>
 BIO 351: Developmental Biology OR BIO 353: Cell Biology OR BCH 361: Advanced Principles of Biochemistry	6	C	
PHY 101: Introduction to Physics (SQ)	4	C	
Humanities, Arts and Design (HU)	3		
Upper Division Elective	4		
Term hours subtotal:	17		



Term 6 78 - 93 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 BIO 351: Developmental Biology OR BIO 353: Cell Biology OR BCH 361: Advanced Principles of Biochemistry	3	C	<ul style="list-style-type: none"> <li>• Pre-health students should take PHY 112 and PHY 114 instead of an elective this term. See pre-health <a href="#">website</a> for more information</li> <li>• Use Handshake to research <a href="#">employment opportunities</a> or explore <a href="#">graduate school</a></li> </ul>
BIO 308: Plant Physiology OR BIO 360: Animal Physiology OR MIC 420: Immunology: Molecular and Cellular Foundations or BIO 420: Immunology: Molecular and Cellular Foundations OR MBB 440: Functional Genomics or BIO 440: Functional Genomics	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Complete 2 courses:			
Elective	6		
Term hours subtotal:	15		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			

Term 7 93 - 107 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 Upper Division Major Laboratory/Research Course	2-4	C	



Upper Division Major Elective	3	C
Upper Division Science and Society Elective	3	C
Upper Division Literacy and Critical Inquiry (L)	3	
Elective	3	
Term hours subtotal:		14-16

- Meet with your **advisor** to verify remaining degree requirements have been met prior to Term 8

Term 8 107 - 120 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
 Major Laboratory/Research Course	1	C	<ul style="list-style-type: none"> <li>• Continue to apply for full-time career opportunities or graduate school</li> </ul>
BIO 308: Plant Physiology OR BIO 360: Animal Physiology OR MIC 420: Immunology: Molecular and Cellular Foundations or BIO 420: Immunology: Molecular and Cellular Foundations OR MBB 440: Functional Genomics or BIO 440: Functional Genomics	3	C	
Upper Division Major Elective	2-4	C	
Upper Division Elective	3		
Elective	4		
Term hours subtotal:		13-15	

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Major Laboratory/Research Courses	Major Electives
BCH 367: Elementary Biochemistry Laboratory	BCH 367: Elementary Biochemistry Laboratory
BIO 308: Plant Physiology	BIO OR HPS OR MBB OR MIC 3** Elective
BIO 342: General Genetics Laboratory	BIO OR HPS OR MBB OR MIC 4** Elective
BIO 352: Laboratory in Vertebrate Developmental Anatomy	
BIO 354: Cell Biology Laboratory	
BIO 357: Cell and Molecular Biology Laboratory	
BIO 361: Animal Physiology Laboratory	
BIO 370: Vertebrate Zoology	
BIO 390: Medical/Dental Field Placement or BIO 484: Internship or MIC 484: Internship	
BIO 415: Statistical Models for Biology (CS)	
BIO 439: Computing for Research	
BIO 451: Cell Biotechnology: Cell Culture, Immunocytochemistry and Bioimaging	
BIO 475: Advanced Human Anatomy	

BIO 492: Honors Directed Study or MBB 492:  
Honors Directed Study or MIC 492: Honors  
Directed Study

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BIO 495: Undergraduate Research or MBB  
495: Undergraduate Research or MIC 495:  
Undergraduate Research

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MBB 343: Genetic Engineering and Society  
(L) or BIO 343: Genetic Engineering and  
Society (L)

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MBB 350: Applied Genetics

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MIC 206: Microbiology Laboratory (SG)  
AND MIC 220: Biology of Microorganisms

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MIC 302: Advanced Bacteriology Laboratory  
(L)

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MIC 421: Experimental Immunology

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**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

## 2023 - 2024 Major Map

### Biological Sciences (Genetics, Cell and Developmental Biology), BS







School/College: [The College of Liberal Arts and Sciences](#)

Location: [Online ASU Local](#)

LABSCGBS

In order to complete the requirements of this program, some laboratory courses will be completed in-person at the Tempe Campus.

These laboratory courses will be offered during summer. This may impact your financial aid. Financial aid is available to those who apply and qualify, and students may receive funds to help cover costs for each semester of enrollment. The amount of financial aid that a student is eligible for varies depending on prior education experience and other individual factors. [Learn](#) more about summer financial aid and additional ways to cover summer costs.

Term 1 - A 0 - 8 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ASU 101-LA: The ASU Experience	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent</li> <li>First-Year Seminar required of all first-year students</li> </ul>
 BIO 181: General Biology I (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	8		
Term 1 - B 8 - 15 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 BIO 182: General Biology II (SG)	4	C	<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> <li>Create a resume and <a href="#">Handshake</a> account with the Career &amp; Professional Development Center to explore research or internship opportunities</li> <li>Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.)</li> <li>Join a <a href="#">student organization</a></li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		
Term 2 - A 15 - 22 Credit Hours	Hours	Minimum Grade	Notes
CHM 113: General Chemistry I (SQ)	4	C	<ul style="list-style-type: none"> <li>Select your <a href="#">career interest area</a> and play <a href="#">me3@ASU</a>.</li> <li>Students transferring Calculus (MAT 270 or MAT 210) will fulfill MAT 251 requirement</li> </ul>
MAT 251: Calculus for Life Sciences (MA)	3	C	
Term hours subtotal:	7		
Term 2 - B 22 - 29 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
CHM 116: General Chemistry II (SQ)	4	C	

STP 231: Statistics for Life Science (CS)	3	C
♦ Complete ENG 101 OR ENG 105 OR ENG 107 course(s).		
Term hours subtotal:	7	

- If interested in health-related professional programs, research the [timeline](#) for admissions preparation and [general admission requirements](#).
- Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.)
- Students transferring General Statistics (STP 226 or PSY 230) will fulfill STP 231 requirement

Term 3 - A 29 - 36 Credit Hours Critical course signified by ♦	Hours	Minimum Grade	Notes
♦ BIO 340: General Genetics	4	C	<ul style="list-style-type: none"> <li>• Due to lower-division prerequisites, pre-health students are encouraged to choose upper division General Studies (HU or SB) and The College Science and Society courses.</li> <li>• It is not recommended to take more than two lab courses in a term.</li> <li>• Review the <a href="#">Career Guide for ASU Online students</a> to learn about available career planning resources.</li> </ul>
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	7		

Term 3 - B 36 - 42 Credit Hours Critical course signified by ♦	Hours	Minimum Grade	Notes
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		<ul style="list-style-type: none"> <li>• Meet with the <a href="#">Career &amp; Professional Development Center</a> to learn how to develop professional skills</li> </ul>
Literacy and Critical Inquiry (L)	3		
♦ Complete First-Year Composition requirement.			
♦ Complete Mathematics (MA) requirement.			
Term hours subtotal:	6		

Term 4 - A 42 - 48 Credit Hours Critical course signified by ♦	Hours	Minimum Grade	Notes
♦ BIO 345: Evolution	3	C	<ul style="list-style-type: none"> <li>• Develop your <a href="#">professional online presence</a></li> </ul>
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Term hours subtotal:	6		

Term 4 - B 48 - 54 Credit Hours	Hours	Minimum Grade	Notes
CHM 231: Elementary Organic Chemistry (SQ)	3	C	<ul style="list-style-type: none"> <li>• Pre-health students should take CHM 233 and CHM 237 instead of CHM 231 and CHM 235. See the <a href="#">pre-health website</a> for more information</li> <li>• If CHM 233 is taken, then CHM 234 must be taken the following semester</li> <li>• Organic Chemistry labs (CHM 237 for CHM 233, and CHM 238 for CHM 234) are required and available at ASU over the summer. Please speak with an advisor for more information.</li> </ul>
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	6		

Summer 4 54 - 55 Credit Hours	Hours	Minimum Grade	Notes
CHM 235: Elementary Organic Chemistry Laboratory (SQ)	1	C	<ul style="list-style-type: none"> <li>• ASU Online students will complete all experiments for the CHM 235 organic</li> </ul>
Term hours subtotal:	1		

chemistry lab at the ASU Tempe Campus during a one-week session in summer. Lab reports will be completed in later weeks during the same summer term.

- Pre-health students will complete CHM 237 and CHM 238 organic chemistry labs instead of CHM 235.

Term 5 - A 55 - 62 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ BIO 351: Developmental Biology OR BIO 353: Cell Biology OR BCH 361: Advanced Principles of Biochemistry	3	C	<ul style="list-style-type: none"> <li>• Due to lower-division prerequisites, pre-health students are encouraged to choose upper-division General Studies (HU or SB) and The College Science and Society courses.</li> <li>• If interested in health-related professional programs, use <a href="#">ASU's Health Professions Advising</a> to prepare for application.</li> <li>• Pre-health students should take PHY 111 and PHY 113 instead of PHY 101 in this term. See the pre-health <a href="#">website</a> for more information</li> <li>• Meet with your advisor to discuss ways to maximize your remaining time at ASU (i.e. pre-health; 4+1 Masters Programs; study abroad)</li> <li>• Explore graduate school or full-time <a href="#">career opportunities</a>.</li> </ul>
PHY 101: Introduction to Physics (SQ)	4	C	
Term hours subtotal:	7		

Term 5 - B 62 - 68 Credit Hours	Hours	Minimum Grade	Notes
BIO 360: Animal Physiology OR MBB 440: Functional Genomics or BIO 440: Functional Genomics OR MIC 420: Immunology: Molecular and Cellular Foundations or BIO 420: Immunology: Molecular and Cellular Foundations	3	C	<ul style="list-style-type: none"> <li>• <a href="#">Network</a> in your career interest area.</li> </ul>
Science and Society Elective	3	C	
Term hours subtotal:	6		

Term 6 - A 68 - 74 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ BIO 351: Developmental Biology OR BIO 353: Cell Biology OR BCH 361: Advanced Principles of Biochemistry	3	C	<ul style="list-style-type: none"> <li>• Work with your academic advisor to align your additional major requirements and major elective courses with your career aspirations</li> <li>• Use <a href="#">Handshake</a> to research employment opportunities</li> </ul>
Upper Division Science and Society Elective	3	C	
Term hours subtotal:	6		

Term 6 - B 74 - 80 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
BIO 360: Animal Physiology OR MBB 440: Functional Genomics or BIO 440: Functional Genomics OR MIC 420: Immunology: Molecular and Cellular Foundations or BIO 420: Immunology: Molecular and Cellular Foundations	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			

Term hours subtotal: 6

Term 7 - A 80 - 86 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ BIO 351: Developmental Biology OR BIO 353: Cell Biology OR BCH 361: Advanced Principles of Biochemistry	3	C	<ul style="list-style-type: none"> <li>• Meet with your advisor to verify remaining degree requirements have been met prior to Term 8</li> <li>• <b>Explore</b> or apply for full-time career opportunities or graduate school</li> </ul>
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	6		

Term 7 - B 86 - 92 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses: Elective	6		<ul style="list-style-type: none"> <li>• Pre-health students should take PHY 112 and PHY 114 instead of an elective this term. See the pre-health <a href="#">website</a> for more information</li> </ul>
Term hours subtotal:	6		

Term 8 - A 92 - 97 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Complete 2 courses: Upper Division Major Elective	5	C	<ul style="list-style-type: none"> <li>• Explore other resources available through ASU's <a href="#">Career and Professional Development Center</a></li> </ul>
Term hours subtotal:	5		

Term 8 - B 97 - 104 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Elective	7		<ul style="list-style-type: none"> <li>• Gather <b>professional references</b></li> </ul>
Term hours subtotal:	7		

Term 9 - A 104 - 109 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses: Elective	5		
Term hours subtotal:	5		

Term 9 - B 109 - 116 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Major Laboratory/Research Course	1	C	<ul style="list-style-type: none"> <li>• Continue to apply for <b>full-time career</b> opportunities or <b>graduate school</b></li> </ul>
Complete 2 courses: Elective	6		
Term hours subtotal:	7		

Term 10 - A 116 - 120 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Upper Division Major Laboratory/Research Course	2-4	C	
Elective	2		
Term hours subtotal:	4-6		

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must

be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Major Laboratory/Research Courses	Major Electives
BCH 367: Elementary Biochemistry Laboratory	BCH 367: Elementary Biochemistry Laboratory
BIO 342: General Genetics Laboratory	BIO OR HPS OR MBB OR MIC 3** Elective
BIO 357: Cell and Molecular Biology Laboratory	BIO OR HPS OR MBB OR MIC 4** Elective
BIO 361: Animal Physiology Laboratory	
BIO 370: Vertebrate Zoology	
BIO 415: Statistical Models for Biology (CS)	
BIO 439: Computing for Research	
BIO 475: Advanced Human Anatomy	
BIO 492: Honors Directed Study or MIC 492: Honors Directed Study or MBB 492: Honors Directed Study	
BIO 495: Undergraduate Research or MBB 495: Undergraduate Research or MIC 495: Undergraduate Research	
MIC 206: Microbiology Laboratory (SG) AND MIC 220: Biology of Microorganisms	

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.













## 2023 - 2024 Major Map

### Biological Sciences (Neurobiology, Physiology and Behavior), BS



School/College: [The College of Liberal Arts and Sciences](#)



Location: [Tempe](#)





LABSCABS



Term 1 0 - 15 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 BIO 181: General Biology I (SQ)	4	C	<ul style="list-style-type: none"> <li>LIA 101, ASU 101, or other First-Year Seminar required of all first-year students.</li> <li>Students transferring General Statistics (STP 226 or PSY 230) will fulfill STP 231 requirement</li> <li>Select your <b>career interest area</b> and play <a href="mailto:me3@ASU">me3@ASU</a></li> </ul>
 LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
CHM 113: General Chemistry I (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
STP 231: Statistics for Life Science (CS)	3	C	
Term hours subtotal:	15		
Term 2 15 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 BIO 182: General Biology II (SG)	4	C	<ul style="list-style-type: none"> <li>Join a student <b>organization</b></li> <li>Create a resume and <b>Handshake</b> account with the Career &amp; Professional Development Center</li> <li>Attend a <b>Pre-Health 101 Session</b></li> <li>Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.)</li> <li>Students transferring Calculus (MAT 270 or MAT 210) will fulfill MAT 251 requirement</li> </ul>
CHM 116: General Chemistry II (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 251: Calculus for Life Sciences (MA)	3	C	
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	17		
Term 3 32 - 46 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 BIO 340: General Genetics OR MBB 347: Molecular Genetics: From Genes to Proteins	4	C	<ul style="list-style-type: none"> <li>Pre-health students should take CHM 233 and CHM 237 instead of CHM 231 and 235 this term. See pre-health <b>website</b> for more information</li> <li>If CHM 233 and 237 are taken, then CHM 234 and 238 must be taken the following semester.</li> <li>It is not recommended to take more than two lab courses in a term.</li> <li>Students are encouraged to take MBB 347 to satisfy the genetics requirement.</li> </ul>
CHM 231: Elementary Organic Chemistry (SQ) AND CHM 235: Elementary Organic Chemistry Laboratory (SQ)	4	C	
Science and Society Elective	3	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
 Complete First-Year Composition requirement.			
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	14		

- Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.)
- Attend a [Study Abroad 101 Session](#)
- Explore [minors or certificates](#)

Term 4 46 - 62 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 BIO 345: Evolution	3	C	<ul style="list-style-type: none"> <li>• Pre-health students should take CHM 234 and CHM 238 instead of an elective this term. See pre-health <a href="#">website</a> for more information</li> <li>• If CHM 233 and 237 are taken, then CHM 234 and 238 must be taken the following semester</li> <li>• Meet with the <a href="#">Career &amp; Professional Development Center</a> to learn how to develop professional skills</li> <li>• Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.)</li> </ul>
Literacy and Critical Inquiry (L)	3		
Social-Behavioral Sciences (SB)	3		
Complete 2 courses:	7		
Elective			
Term hours subtotal:	16		

Term 5 62 - 78 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 BIO 331: Animal Behavior OR BIO 360: Animal Physiology	3	C	<ul style="list-style-type: none"> <li>• Pre-health students should take PHY 111 and PHY 113 instead of PHY 101 this term. See pre-health <a href="#">website</a> for more information</li> <li>• Meet with your <a href="#">advisor</a> to discuss ways to maximize your remaining time at ASU (i.e. pre-health; 4+1 Masters Programs; study abroad)</li> </ul>
PHY 101: Introduction to Physics (SQ)	4	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Complete 2 courses:	6		
Elective			
Term hours subtotal:	16		

Term 6 78 - 93 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 BIO 331: Animal Behavior OR BIO 360: Animal Physiology	3	C	<ul style="list-style-type: none"> <li>• Pre-health students should take PHY 112 and PHY 114 this term instead of an elective. See pre-health <a href="#">website</a> for more information.</li> <li>• BIO 476 (typically a fall course) and BIO 477 (typically a spring course) together can be taken in place of BIO 467, if desired.</li> <li>• Explore <a href="#">graduate school</a> or full-time <a href="#">career opportunities</a>.</li> </ul>
BIO 436: Sociobiology and Behavioral Ecology OR BIO 461: Comparative Animal Physiology OR BIO 462: Endocrine Physiology			
 OR BIO 467: Neurobiology OR MIC 420: Immunology: Molecular and Cellular Foundations or BIO 420: Immunology: Molecular and Cellular Foundations	3	C	
Upper Division Science and Society Elective	3	C	
Complete 2 courses:	6		
Elective			
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 107 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
BIO 436: Sociobiology and Behavioral Ecology OR BIO 461: Comparative Animal Physiology OR BIO 462: Endocrine Physiology			<ul style="list-style-type: none"> <li>• BIO 476 (typically a fall course) and BIO 477 (typically a spring course) together can be taken in place of BIO 467, if desired.</li> <li>• Explore or apply for <a href="#">full-time career opportunities</a> or <a href="#">graduate school</a>.</li> </ul>
 OR BIO 467: Neurobiology OR MIC 420: Immunology: Molecular and Cellular Foundations or BIO 420: Immunology: Molecular and Cellular Foundations	3	C	
BCH 361: Advanced Principles of Biochemistry	3	C	

Upper Division Major Comparative Structure and Function Course	3-4	C
Upper Division Literacy and Critical Inquiry (L)	3	
Upper Division Elective	2	
Term hours subtotal:	14-15	

- Meet with your advisor to verify remaining degree requirements have been met prior to Term 8.

Term 8 107 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Complete 2 courses: Upper Division Major Electives	6-8	C	• Continue to apply for full-time career opportunities or graduate school
★ Major Laboratory/Research Course	1-4	C	
Upper Division Social-Behavioral Sciences (SB) OR Upper Division Humanities, Arts and Design (HU)	3		
Upper Division Elective	3		
Term hours subtotal:	13-18		

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Major Comparative Structure and Function Courses	Major Laboratory/Research Courses	Upper Division Major Electives
BIO 351: Developmental Biology	BCH 367: Elementary Biochemistry Laboratory	BIO OR MBB OR MIC 3** Elective
BIO 370: Vertebrate Zoology	BIO 308: Plant Physiology	BIO OR MBB OR MIC 4** Elective
BIO 385: Comparative Invertebrate Zoology	BIO 342: General Genetics Laboratory	BMI 465: Introduction to Comparative Genomics
BIO 386: General Entomology	BIO 343: Genetic Engineering and Society (L) or MBB 343: Genetic Engineering and Society (L)	PSY 470: Psychopharmacology
BIO 461: Comparative Animal Physiology	BIO 352: Laboratory in Vertebrate Developmental Anatomy	
PSY 426: Neuroanatomy	BIO 354: Cell Biology Laboratory	
	BIO 355: Introduction to Computational Molecular Biology (CS) or MAT 355: Introduction to Computational Molecular Biology (CS) or MBB 355: Introduction to Computational Molecular Biology (CS)	
	BIO 361: Animal Physiology Laboratory	
	BIO 370: Vertebrate Zoology	
	BIO 390: Medical/Dental Field Placement or BIO 484: Internship or MIC 484: Internship	
	BIO 415: Statistical Models for Biology (CS)	
	BIO 435: Research Techniques in Animal Behavior	

BIO 439: Computing for Research

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BIO 451: Cell Biotechnology: Cell Culture,  
Immunocytochemistry and Bioimaging

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BIO 475: Advanced Human Anatomy

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BIO 492: Honors Directed Study or MBB  
492: Honors Directed Study or MIC 492:  
Honors Directed Study

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BIO 495: Undergraduate Research or MBB  
495: Undergraduate Research or MIC 495:  
Undergraduate Research

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MBB 446: Techniques in Molecular  
Biology/Genetics Lab or MIC 446:  
Techniques in Molecular Biology/Genetics  
Lab

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MIC 421: Experimental Immunology

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**Notes:**

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.












## 2023 - 2024 Major Map

### Biophysics, BS

School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe](#)

LABIPHBS

Term 1 0 - 15 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 270: Calculus with Analytic Geometry I (MA) OR MAT 265: Calculus for Engineers I (MA)	4-3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students</li> <li>Select your <b>career interest area</b> and play <a href="mailto:me3@asu">me3@ASU</a></li> </ul>
BIO 181: General Biology I (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
 Maintain 2.50 GPA in Critical Tracking Courses.			
Term hours subtotal:		15-14	
Term 2 15 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 271: Calculus with Analytic Geometry II (MA) OR MAT 266: Calculus for Engineers II (MA)	4-3	C	<ul style="list-style-type: none"> <li>Join a <b>physics student organization</b>.</li> </ul>
 PHY 150: Physics I (SQ) OR PHY 121: University Physics I: Mechanics (SQ) AND PHY 122: University Physics Laboratory I (SQ)	4	C	
BIO 182: General Biology II (SG)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Maintain 2.50 GPA in Critical Tracking Courses.			
Term hours subtotal:		15-14	
Term 3 30 - 45 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CHM 117: General Chemistry for Majors I (SQ) AND CHM 111: General Chemistry Laboratory for Majors I (SQ) OR CHM 113: General Chemistry I (SQ)	4	C	
 MAT 272: Calculus with Analytic Geometry III (MA) OR MAT 267: Calculus for Engineers III (MA)	4-3	C	

⚠️ PHY 151: Physics II (SQ) OR PHY 131: University Physics II: Electricity and Magnetism (SQ) AND PHY 132: University Physics Laboratory II (SQ)	4	C
Science and Society Elective	3	C
⚠️ Maintain 2.50 GPA in Critical Tracking Courses. Complete Mathematics (MA) requirement.		
Term hours subtotal:	15-14	

Term 4 45 - 59 Credit Hours Critical course signified by ⚠️	Hours	Minimum Grade	Notes
⚠️ CHM 118: General Chemistry for Majors II (SQ) AND CHM 112: General Chemistry Laboratory for Majors II (SQ) OR CHM 116: General Chemistry II (SQ)	4	C	• Explore research fields within physics.
⚠️ PHY 201: Mathematical Methods in Physics I (CS)	3	C	
⚠️ PHY 252: Physics III (SQ) OR PHY 241: University Physics III AND PHY 202: Programming for Physicists	4	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
⚠️ Maintain 2.50 GPA in Critical Tracking Courses.			
Term hours subtotal:	14		

Term 5 59 - 74 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CHM 345: Physical Chemistry I OR PHY 314: Quantum Physics I	3	C	• CHM 345 is recommended.
BIO 360: Animal Physiology OR BIO 353: Cell Biology	3	C	• Gain research experience
CHM 233: General Organic Chemistry I	3	C	
Literacy and Critical Inquiry (L)	3		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Term hours subtotal:	15		

Term 6 74 - 89 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CHM 346: Physical Chemistry II OR CHM 341: Elementary Physical Chemistry	3	C	• If PHY 314 was completed in Term 5 students must enroll in CHM 341.
★ PHY 312: Mechanics and Electromagnetism	3	C	• Use Handshake to research employment opportunities.
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		• Start preparing for after graduation.
Social-Behavioral Sciences (SB)	3		
Upper Division Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 89 - 104 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PHY 371: Driving Forces in Biology	3	C	• Develop your professional online presence
★ PHY 472: Advanced Biophysics Lab	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Upper Division Elective OR PHY 484: Internship	3		
Elective	3		
Term hours subtotal:	15		

Term 8 104 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PHY 473: From Molecules to Cells	3	C	
Upper Division Science and Society Elective	3	C	
Complete 3 courses:			
Upper Division Elective	9		
Elective	1		
Term hours subtotal:	16		

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.












## 2023 - 2024 Major Map

### Biophysics, BS

School/College: [The College of Liberal Arts and Sciences](#)

Location: [Online ASU Local](#)

LABIPHBS

Term 1 - A 0 - 7 Credit Hours	Hours	Minimum Grade	Notes
ASU 101-LA: The ASU Experience	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>Select your <a href="#">Career Interest Communities</a> and play <a href="#">me3@ASU</a>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	7		
Term 1 - B 7 - 13 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 265: Calculus for Engineers I (MA)	3	C	<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
 Maintain 2.50 GPA in Critical Tracking Courses.			
Term hours subtotal:	6		
Term 2 - A 13 - 20 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 266: Calculus for Engineers II (MA)	3	C	<ul style="list-style-type: none"> <li>Join a <a href="#">student club</a> or professional organization.</li> </ul>
BIO 181: General Biology I (SQ)	4	C	
Term hours subtotal:	7		
Term 2 - B 20 - 28 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 PHY 121: University Physics I: Mechanics (SQ) AND PHY 122: University Physics Laboratory I (SQ)	4	C	
BIO 182: General Biology II (SG)	4	C	
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Maintain 2.50 GPA in Critical Tracking Courses.			
Term hours subtotal:	8		
Term 3 - A 28 - 35 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CHM 113: General Chemistry I (SQ)	4	C	



⚠ MAT 267: Calculus for Engineers III (MA)	3	C
Term hours subtotal:	7	

- Review the [Career Guide for ASU Online students](#) to learn about available career planning resources.

Term 3 - B 35 - 43 Credit Hours Critical course signified by ⚠	Hours	Minimum Grade	Notes
⚠ CHM 116: General Chemistry II (SQ)	4	C	
⚠ PHY 131: University Physics II: Electricity and Magnetism (SQ) AND PHY 132: University Physics Laboratory II (SQ)	4	C	
⚠ Maintain 2.50 GPA in Critical Tracking Courses. Complete Mathematics (MA) requirement.			
Term hours subtotal:	8		

Term 4 - A 43 - 50 Credit Hours Critical course signified by ⚠	Hours	Minimum Grade	Notes
⚠ CHM 233: General Organic Chemistry I	3	C	• Explore an <a href="#">internship</a> .
⚠ PHY 241: University Physics III AND PHY 202: Programming for Physicists	4	C	
Term hours subtotal:	7		

Term 4 - B 50 - 56 Credit Hours Critical course signified by ⚠	Hours	Minimum Grade	Notes
⚠ PHY 201: Mathematical Methods in Physics I (CS) Humanities, Arts and Design (HU) AND Historical Awareness (H)	3	C	• Explore <a href="#">research fields</a> within physics.
⚠ Maintain 2.50 GPA in Critical Tracking Courses.	3		
Term hours subtotal:	6		

Term 5 - A 56 - 65 Credit Hours	Hours	Minimum Grade	Notes
BIO 360: Animal Physiology OR BIO 353: Cell Biology	3	C	• Explore <a href="#">Research Experiences for Undergraduates (REU)</a> opportunities.
Science and Society Elective	3	C	
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	9		

Term 5 - B 65 - 74 Credit Hours Necessary course signified by ⭐	Hours	Minimum Grade	Notes
⭐ PHY 314: Quantum Physics I	3	C	
Upper Division Science and Society Elective	3	C	
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Term hours subtotal:	9		

Term 6 - A 74 - 80 Credit Hours Necessary course signified by ⭐	Hours	Minimum Grade	Notes
⭐ CHM 341: Elementary Physical Chemistry	3	C	• Use Handshake to research <a href="#">employment opportunities</a> .
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		• Start <a href="#">preparing for after graduation</a> .
Term hours subtotal:	6		

Term 6 - B 80 - 89 Credit Hours Necessary course signified by ⭐	Hours	Minimum Grade	Notes
⭐ PHY 312: Mechanics and Electromagnetism	3	C	
Social-Behavioral Sciences (SB)	3		

Upper Division Elective 3

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 9

Term 7 - A 89 - 98 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PHY 371: Driving Forces in Biology	3	C	• Develop your professional online presence.
Upper Division Literacy and Critical Inquiry (L)	3		
Upper Division Elective	3		
Term hours subtotal:	9		

Term 7 - B 98 - 107 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PHY 472: Advanced Biophysics Lab	3	C	
Complete 2 courses:			
Elective	6		
Term hours subtotal:	9		

Term 8 - A 107 - 113 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PHY 473: From Molecules to Cells	3	C	• Create a resume. • Complete a virtual practice interview.
Upper Division Elective	3		
Term hours subtotal:	6		

Term 8 - B 113 - 120 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses:			
Upper Division Elective	6		
Elective	1		
Term hours subtotal:	7		

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.











## 2023 - 2024 Major Map

### Chemistry, BA

School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe](#)

LACHMBA

Term 1 0 - 15 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CHM 117: General Chemistry for Majors I (SQ) AND CHM 111: General Chemistry Laboratory for Majors I (SQ) OR CHM 113: General Chemistry I (SQ)	4	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>Students placing into lower level math can still graduate in 4 years -- see an academic advisor for planning.</li> <li>Select your <a href="#">Career Interest Areas</a> and play <a href="#">me3@ASU</a>.</li> </ul>
 MAT 270: Calculus with Analytic Geometry I (MA) OR MAT 265: Calculus for Engineers I (MA)	4-3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	15-14		
Term 2 15 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CHM 118: General Chemistry for Majors II (SQ) AND CHM 112: General Chemistry Laboratory for Majors II (SQ) OR CHM 116: General Chemistry II (SQ)	4	C	<ul style="list-style-type: none"> <li><b>ASU Language Placement:</b> Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.</li> <li>Connect with a career advisor by registering for a <a href="#">Handshake</a> account.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 271: Calculus with Analytic Geometry II (MA) OR MAT 266: Calculus for Engineers II (MA)	4-3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15-14		
Term 3 30 - 45 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CHM 233: General Organic Chemistry I	3	C	<ul style="list-style-type: none"> <li>Discuss <a href="#">study abroad opportunities</a> with a School of Molecular Sciences advisor or an International Coordinator.</li> </ul>
 CHM 237: General Organic Chemistry Laboratory I	1	C	
 PHY 111: General Physics (SQ)	3	C	
PHY 113: General Physics Laboratory (SQ)	1	C	

Second Language: Requirement satisfied through the following: 4 C  
 \* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.

Computer/Statistics/Quantitative Applications (CS) 3

❖ Complete First-Year Composition requirement.

Complete Mathematics (MA) requirement.

Term hours subtotal: 15

Term 4 45 - 60 Credit Hours Critical course signified by ❖	Hours	Minimum Grade	Notes
❖ PHY 112: General Physics (SQ)	3	C	• Create a first draft <b>resume</b> .
CHM 234: General Organic Chemistry II	3	C	
CHM 238: General Organic Chemistry Laboratory II	1	C	
PHY 114: General Physics Laboratory (SQ)	1	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	15		

Term 5 60 - 74 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CHM 325: Analytical Chemistry	3		• CHM 326 is only offered in the Fall semester. • This is an ideal semester to <b>study abroad</b> . CHM 325 and CHM 326 may be taken in Term 7.
CHM 326: Advanced Analytical Chemistry Laboratory	1		
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Upper Division Elective	3		
Term hours subtotal:	14		

Term 6 74 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CHM 341: Elementary Physical Chemistry	3	C	• Explore <b>internship</b> opportunities.
CHM 343: Elementary Physical Chemistry Laboratory	1		
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Complete 3 courses: Upper Division Elective	9		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	16		

Term 7 90 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CHM 453: Inorganic Chemistry	3	C	• Apply for <b>full-time career opportunities</b> . • Students should take BCH 361/367 as their major electives to ensure competitiveness in pre-health programs where required and/or science industry related careers.
Literacy and Critical Inquiry (L)	3		
Upper Division Elective OR CHM 484: Internship	3		
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CHM OR BCH Upper Division Elective	3	C	<ul style="list-style-type: none"> <li>Upper Division CHM or BCH Elective must be completed at the Tempe campus and cannot be met with BCH 341, BCH 371, BCH 372, or CHM 480.</li> </ul>
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Literacy and Critical Inquiry (L)	3		
Upper Division Elective	4		
Elective	2-4		
Term hours subtotal:	15-17		

Hide Course List(s)/Track Group(s)

**Notes:**

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  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

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**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

## 2023 - 2024 Major Map

### Chemistry, BA

School/College: [The College of Liberal Arts and Sciences](#)



Location: [Online ASU Local](#)



LACHMBA




In order to complete the requirements of this program, some laboratory courses will be completed in-person at the Tempe Campus.


These laboratory courses will be offered during summer. This may impact your financial aid. Financial aid is available to those who apply and qualify, and students may receive funds to help cover costs for each semester of enrollment. The amount of financial aid that a student is eligible for varies depending on prior education experience and other individual factors. [Learn](#) more about summer financial aid and additional ways to cover summer costs.

Term 1 - A 0 - 7 Credit Hours	Hours	Minimum Grade	Notes
ASU 101-LA: The ASU Experience	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>Select your <a href="#">Career Interest Areas</a> and play me3@ASU.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	7		

Term 1 - B 7 - 13 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 265: Calculus for Engineers I (MA)	3		<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	6		

Term 2 - A 13 - 20 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CHM 113: General Chemistry I (SQ)	4	C	<ul style="list-style-type: none"> <li>Connect with a career advisor by registering for a <a href="#">Handshake</a> account.</li> </ul>
MAT 266: Calculus for Engineers II (MA)	3		
Term hours subtotal:	7		

Term 2 - B 20 - 27 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CHM 116: General Chemistry II (SQ)	4	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	7		

Term 3 - A 27 - 35 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
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🚩 PHY 111: General Physics (SQ)	3	C
PHY 113: General Physics Laboratory (SQ)	1	C
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C
Term hours subtotal:	8	

- ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.
- Discuss [study abroad opportunities](#) with a School of Molecular Sciences advisor or an International Coordinator.

Term 3 - B 35 - 43 Credit Hours <b>Critical course signified by</b> 🚩	Hours	Minimum Grade	Notes
🚩 PHY 112: General Physics (SQ)	3	C	
PHY 114: General Physics Laboratory (SQ)	1	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
🚩 Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	8		

Term 4 - A 43 - 50 Credit Hours <b>Critical course signified by</b> 🚩	Hours	Minimum Grade	Notes
🚩 CHM 233: General Organic Chemistry I	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Term hours subtotal:	7		

- Create a first draft [resume](#).

Term 4 - B 50 - 57 Credit Hours	Hours	Minimum Grade	Notes
CHM 234: General Organic Chemistry II	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Term hours subtotal:	7		

Summer 4 57 - 59 Credit Hours <b>Critical course signified by</b> 🚩	Hours	Minimum Grade	Notes
🚩 CHM 237: General Organic Chemistry Laboratory I	1	C	
CHM 238: General Organic Chemistry Laboratory II	1	C	
Term hours subtotal:	2		

- ASU Online students will complete all experiments for the Organic Chemistry labs at the ASU Tempe campus during a one-week session in summer. Lab reports will be completed in subsequent weeks during the same summer term.

Term 5 - A 59 - 66 Credit Hours <b>Necessary course signified by</b> ⭐	Hours	Minimum Grade	Notes
⭐ CHM 341: Elementary Physical Chemistry	3	C	
CHM 343: Elementary Physical Chemistry Laboratory	1		
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	7		

Term 5 - B 66 - 74 Credit Hours	Hours	Minimum Grade	Notes
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Computer/Statistics/Quantitative Applications (CS)	3
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3
Elective	2
Term hours subtotal:	8

Term 6 - A 74 - 80 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
Literacy and Critical Inquiry (L)	3		<ul style="list-style-type: none"> <li>Explore <b>internship</b> opportunities.</li> </ul>
Upper Division Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 6 - B 80 - 87 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CHM 325: Analytical Chemistry	3	C	<ul style="list-style-type: none"> <li>CHM 325 is only offered in the Spring semester.</li> </ul>
Upper Division Elective	4		
Term hours subtotal:	7		

Summer 6 87 - 88 Credit Hours	Hours	Minimum Grade	Notes
CHM 326: Advanced Analytical Chemistry Laboratory	1	C	<ul style="list-style-type: none"> <li>ASU Online students will complete all experiments for the Advanced Analytical Chemistry lab at the ASU Tempe campus in a compressed format in summer. Lab reports will be completed in subsequent weeks during the same summer term.</li> </ul>
Term hours subtotal:	1		

Term 7 - A 88 - 96 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		<ul style="list-style-type: none"> <li>Apply for <b>full-time career</b> opportunities.</li> </ul>
Upper Division Elective	3		
Elective	2		
Term hours subtotal:	8		

Term 7 - B 96 - 102 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CHM OR BCH Upper Division Elective	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	6		

Term 8 - A 102 - 111 Credit Hours	Hours	Minimum Grade	Notes
Complete 3 courses:			
Upper Division Elective	9		
Term hours subtotal:	9		

Term 8 - B 111 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CHM 453: Inorganic Chemistry	3	C	<ul style="list-style-type: none"> <li>CHM 453 is only offered in the Spring semester.</li> </ul>
Complete 2 courses:			
Upper Division Elective	6		

Term hours subtotal: 9

[Hide Course List\(s\)/Track Group\(s\)](#)

**Notes:**

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.













## 2023 - 2024 Major Map

### Chemistry, BS



School/College: [The College of Liberal Arts and Sciences](#)



Location: [Tempe](#)




LACHMBS



Term 1 0 - 15 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CHM 117: General Chemistry for Majors I (SQ) AND CHM 111: General Chemistry Laboratory for Majors I (SQ) OR CHM 113: General Chemistry I (SQ)	4	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>Select your <b>Career Interest Areas</b> and play <a href="#">me3@ASU</a>.</li> </ul>
 MAT 270: Calculus with Analytic Geometry I (MA) OR MAT 265: Calculus for Engineers I (MA)	4-3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	15-14		
Term 2 15 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CHM 118: General Chemistry for Majors II (SQ) AND CHM 112: General Chemistry Laboratory for Majors II (SQ) OR CHM 116: General Chemistry II (SQ)	4	C	<ul style="list-style-type: none"> <li>Connect with a career advisor by registering for a <b>Handshake</b> account.</li> </ul>
 MAT 271: Calculus with Analytic Geometry II (MA) OR MAT 266: Calculus for Engineers II (MA)	4-3	C	
 PHY 121: University Physics I: Mechanics (SQ)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
PHY 122: University Physics Laboratory I (SQ)	1	C	
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15-14		
Term 3 30 - 45 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CHM 233: General Organic Chemistry I	3	C	<ul style="list-style-type: none"> <li>Create a first draft <b>resume</b>.</li> </ul>
 CHM 237: General Organic Chemistry Laboratory I	1	C	
 PHY 131: University Physics II: Electricity and Magnetism (SQ)	3	C	
MAT 272: Calculus with Analytic Geometry III (MA) OR MAT 267: Calculus for Engineers III (MA)	4-3	C	

PHY 132: University Physics Laboratory II (SQ)	1	C
Humanities, Arts and Design (HU) AND Global Awareness (G)	3	
 Complete First-Year Composition requirement.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	15-14	

Term 4 45 - 60 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CHM 240: Mathematical Methods in Chemistry (CS)	3	C	<ul style="list-style-type: none"> <li>• CHM 240 is only offered in the Spring semester.</li> <li>• Transfer students may need to take MAT 274 or MAT 275 (Differential Equations) and MAT 242 (Linear Algebra) in place of the five credit hours of Electives in Term 4. These courses will allow the student to meet Term 4 critical tracking and the prerequisites for CHM 345 in Term 5. Will still need substitution course; discuss options with major advisor.</li> </ul>
CHM 234: General Organic Chemistry II	3	C	
CHM 238: General Organic Chemistry Laboratory II	1	C	
Literacy and Critical Inquiry (L)	3		
Complete 2 courses:	5		
Elective			
Term hours subtotal:	15		

Term 5 60 - 74 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 CHM 345: Physical Chemistry I	3	C	<ul style="list-style-type: none"> <li>• CHM 326, CHM 345, and CHM 348 are only offered in the Fall semester.</li> </ul>
CHM 325: Analytical Chemistry	3	C	
CHM 326: Advanced Analytical Chemistry Laboratory	1	C	
CHM 348: Physical Chemistry Laboratory I (L)	1	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Elective	3		
Term hours subtotal:	14		

Term 6 74 - 89 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 CHM 346: Physical Chemistry II	3	C	<ul style="list-style-type: none"> <li>• CHM 327, CHM 328, CHM 346, and CHM 349 are only offered in the Spring semester.</li> <li>• Explore <b>internship</b> opportunities.</li> </ul>
CHM 327: Instrumental Analysis	3	C	
CHM 328: Instrumental Analysis Laboratory	2	C	
CHM 349: Physical Chemistry Laboratory II (L)	1	C	
Social-Behavioral Sciences (SB)	3		
Upper Division Elective	3		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 89 - 104 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 CHM 453: Inorganic Chemistry	3	C	<ul style="list-style-type: none"> <li>• Upper Division CHM or BCH Elective must be completed at the Tempe campus and cannot be met with BCH 341, BCH 361, BCH 367, BCH 371, BCH 372, CHM 341, or CHM 480.</li> <li>• Apply for <b>full-time career opportunities</b>.</li> </ul>
Science and Society Elective	3	C	
CHM OR BCH Upper Division Elective	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Elective OR CHM 484: Internship	3		
Term hours subtotal:	15		

		Minimum	
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Term 8 104 - 120 Credit Hours Necessary course signified by ★	Hours	Grade	Notes
★ CHM 452: Inorganic Chemistry Laboratory (L)	1	C	• CHM 452 and CHM 460 are only offered in the Spring semester.
CHM 460: Biological Chemistry	3	C	
Upper Division Science and Society Elective	3	C	
Complete 2 courses:			
Upper Division Elective	6		
Elective	3		
Term hours subtotal:	16		

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

#### Hide Course List(s)/Track Group(s)

#### Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

#### General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.













## 2023 - 2024 Major Map

### Chemistry (Environmental Chemistry), BS

School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe](#)

LACHMEBS

Term 1 0 - 15 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CHM 117: General Chemistry for Majors I (SQ) AND CHM 111: General Chemistry Laboratory for Majors I (SQ) OR CHM 113: General Chemistry I (SQ)	4	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>Select your <b>Career Interest Areas</b> and play <a href="#">me3@ASU</a>.</li> </ul>
 MAT 270: Calculus with Analytic Geometry I (MA) OR MAT 265: Calculus for Engineers I (MA)	4-3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	15-14		
Term 2 15 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CHM 118: General Chemistry for Majors II (SQ) AND CHM 112: General Chemistry Laboratory for Majors II (SQ) OR CHM 116: General Chemistry II (SQ)	4	C	<ul style="list-style-type: none"> <li>Connect with a career advisor by registering for a <b>Handshake</b> account.</li> </ul>
 MAT 271: Calculus with Analytic Geometry II (MA) OR MAT 266: Calculus for Engineers II (MA)	4-3	C	
 PHY 121: University Physics I: Mechanics (SQ)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
PHY 122: University Physics Laboratory I (SQ)	1	C	
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15-14		
Term 3 30 - 45 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CHM 233: General Organic Chemistry I	3	C	<ul style="list-style-type: none"> <li>Create a first draft <b>resume</b>.</li> </ul>
 CHM 237: General Organic Chemistry Laboratory I	1	C	
 PHY 131: University Physics II: Electricity and Magnetism (SQ)	3	C	
MAT 272: Calculus with Analytic Geometry III (MA) OR MAT 267: Calculus for Engineers III (MA)	4-3	C	

PHY 132: University Physics Laboratory II (SQ)	1	C
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3	
♦ Complete First-Year Composition requirement.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	15-14	

Term 4 45 - 60 Credit Hours Critical course signified by ♦	Hours	Minimum Grade	Notes
♦ CHM 240: Mathematical Methods in Chemistry (CS)	3	C	<ul style="list-style-type: none"> <li>• CHM 240 is only offered in the Spring semester.</li> <li>• Transfer students may need to take MAT 274 or MAT 275 (Differential Equations) and MAT 242 (Linear Algebra) in place of the 5 credit hours of Electives. These two courses will allow students to meet Term 4 critical tracking and the prerequisites for CHM 345 in Term 5. Will still require a substitution; discuss options with major advisor.</li> </ul>
CHM 234: General Organic Chemistry II	3	C	
CHM 238: General Organic Chemistry Laboratory II	1	C	
Literacy and Critical Inquiry (L)	3		
Complete 2 courses:	5		
Elective			
Term hours subtotal:	15		

Term 5 60 - 76 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CHM 302: Environmental Chemistry	3	C	<ul style="list-style-type: none"> <li>• CHM 302, CHM 345, and CHM 348 are only offered in the Fall semester.</li> </ul>
CHM 345: Physical Chemistry I	3	C	
CHM 348: Physical Chemistry Laboratory I (L)	1	C	
Science and Society Elective	3	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Elective	3		
Term hours subtotal:	16		

Term 6 76 - 91 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
BCH 361: Advanced Principles of Biochemistry	3	C	<ul style="list-style-type: none"> <li>• CHM 303 is only offered in the Spring semester.</li> <li>• Explore <a href="#">internship</a> opportunities.</li> </ul>
BCH 367: Elementary Biochemistry Laboratory	1	C	
CHM 303: Environmental Chemistry Laboratory (L)	2	C	
Social-Behavioral Sciences (SB)	3		
Complete 2 courses:	6		
Upper Division Elective			
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 91 - 107 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CHM 325: Analytical Chemistry	3	C	<ul style="list-style-type: none"> <li>• CHM 326 is only offered in the Fall semester and must be taken on the Tempe campus.</li> <li>• GLG 321 is only offered in the Fall semester.</li> <li>• Apply for <a href="#">full-time career opportunities</a>.</li> </ul>
★ GLG 321: Mineralogy	3	C	
CHM 326: Advanced Analytical Chemistry Laboratory	1	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Elective	3		
Upper Division Elective OR CHM 484: Internship	3		
Term hours subtotal:	16		

Term 8 107 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CHM 481: Geochemistry	3	C	• CHM 481 is only offered in the Spring semester.
Upper Division Science and Society Elective	3	C	
Complete 2 courses:	7		
Upper Division Elective			
Term hours subtotal:	13		

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Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.





## 2023 - 2024 Major Map




### Civic and Economic Thought and Leadership, BA


School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe](#)

LACELBA

Term 1 0 - 14 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CEL 100: Great Ideas of Politics and Ethics (HU)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li><b>ASU Language Placement:</b> Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.</li> <li>Select your <b>career interest area</b> and play <a href="mailto:me3@ASU">me3@ASU</a>.</li> <li>Create a first draft <b>resume</b>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
MAT 142: College Mathematics (MA)	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Term hours subtotal:	14		

Term 2 14 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CEL 200: Great Debates in American Politics (HU)	3	C	<ul style="list-style-type: none"> <li>Activate your <b>Handshake account</b> and build out your profile</li> <li>Join a <b>student club</b> or professional organization.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Elective	3		
 Complete ENG 101 or ENG 105 or ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 30 - 44 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
CEL Elective	3	C	
Historical Awareness (H)	3		
Natural Science - Quantitative (SQ)	4		

❗ Complete First-Year Composition requirement.

❗ Complete Mathematics (MA) requirement.

Term hours subtotal: 14

Term 4 44 - 61 Credit Hours Critical course signified by ❗	Hours	Minimum Grade	Notes
Second Language: Requirement satisfied through the following: ❗ * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	<ul style="list-style-type: none"><li>• See your academic advisor to explore <b>internship</b> opportunities.</li><li>• Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li></ul>
Computer/Statistics/Quantitative Applications (CS)	3		
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Term hours subtotal:	17		

Term 5 61 - 76 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CEL 300: Debating Capitalism	3	C	<ul style="list-style-type: none"><li>• CEL 499 and additional CEL 484 internship hours may be used to satisfy the CEL elective requirement.</li><li>• Explore <b>graduate programs</b> with faculty and your advisor.</li></ul>
Upper Division American Political Thought	3	C	
Upper Division Related Area Electives	3	C	
CEL Upper Division Elective	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	15		

Term 6 76 - 91 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Leadership and Statesmanship for the 21st Century	3	C	<ul style="list-style-type: none"><li>• Develop your <b>professional online presence</b>.</li><li>• Use Handshake to research <b>employment opportunities</b>.</li></ul>
CEL 484: Internship	3	C	
Upper Division Related Area Electives	3	C	
Upper Division Elective	3		
Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 91 - 106 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Moral and Political Thought	3	C	<ul style="list-style-type: none"><li>• Gather <b>online references</b>.</li><li>• Update and polish your <b>resume</b>.</li><li>• Apply to <b>graduate programs</b>.</li></ul>
CEL 475: Statesmanship and American Grand Strategy (HU)	3	C	
CEL Upper Division Elective	3	C	
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

Term 8 106 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CEL 485: Capstone Seminar in Civic and Economic Thought and Leadership	3	C	<ul style="list-style-type: none"><li>• Complete an in person or virtual <b>practice interview</b>.</li><li>• Apply for <b>full-time career opportunities</b>.</li></ul>
★ Upper Division Economic Thought and Political Economy	3	C	
Upper Division Elective	3		

Complete 2 courses:  
Elective

5

Term hours subtotal: 14

Hide Course List(s)/Track Group(s)

Moral and Political Thought	American Political Thought	Economic Thought and Political Economy
CEL 305: Classical Political Statecraft	CEL 394: Debates in American Civic and Public Affairs	CEL 304: Classical to Modern Economic Thought
CEL 320: Modern Political Thought: Origins and Debates about Modern Liberty	CEL 394: Democracy in America	CEL 345: Modern Economic Classics
CEL 375: Politics and Leadership in the Age of Revolutions, 1776-1826	CEL 394: Liberalism and Conservatism in America	CEL 350: Philosophy, Politics and Economics (SB)
CEL 394: Comparative Political Thought	CEL 394: Lincoln: Rhetoric, Thought, Statesmanship	CEL 394: The American Political Economy
CEL 394: Faith and Reason: The Trial of Galileo	CEL 394: Race and the American Story	CEL 494: Adam Smith and Classical Political Economy
CEL 394: Justice and Virtue	CEL 494: Arizona Politics & Constitution	
CEL 394: Medieval Political Thought	CEL 494: The American Constitution I	
CEL 394: Natural Law and the Common Good	CEL 494: The American Constitution II: Civil Liberties	
CEL 494: Political Thought: Islam, Hinduism, Confucianism		
CEL 494: Politics & Literature		
Leadership and Statesmanship for the 21st Century	Related Area Electives	
CEL 394: GIE India: Politics and Leadership	AFR Upper Division Elective	
CEL 394: Leadership & Service GIE: Israel & West Bank	COM Upper Division Elective	
CEL 394: Leading a Life of Meaning	ECN Upper Division Elective	
CEL 394: Left and Right Around the World	HON Upper Division Elective	
CEL 494: Globalism, Nationalism, and Citizenship	HST Upper Division Elective	
CEL 494: National Security Policy Design	JUS Upper Division Elective	
CEL 494: Political Leadership and Statesmanship	PHI Upper Division Elective	
	POS Upper Division Elective	
	SGS Upper Division Elective	
	SOS Upper Division Elective	

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.









## 2023 - 2024 Major Map

### Civic and Economic Thought and Leadership, BS

School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe](#)

LACETLBS

Term 1 0 - 16 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 CEL 100: Great Ideas of Politics and Ethics (HU)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>Select your <b>career interest communities</b> and play <b>me3@ASU</b>.</li> <li>Create a first draft <b>resume</b>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
MAT 142: College Mathematics (MA)	3	C	
Complete 2 courses:			
Elective	6		
Term hours subtotal:	16		
Term 2 16 - 32 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 CEL 200: Great Debates in American Politics (HU)	3	C	<ul style="list-style-type: none"> <li>Activate your <b>Handshake account</b> and build out your profile.</li> <li>Join a <b>student club</b> or professional organization</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Natural Science - Quantitative (SQ)	4		
Complete 2 courses:			
Elective	6		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		
Term 3 32 - 48 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 CEL Elective	3	C	
Historical Awareness (H)	3		
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	3		
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		
		Minimum	

Term 4 48 - 63 Credit Hours <b>Critical course signified by</b> ⚠️	Hours	Grade	Notes
⚠️ Science and Society Elective	3	C	<ul style="list-style-type: none"> <li>• See your academic advisor to explore <b>internship</b> opportunities.</li> <li>• Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> </ul>
Cultural Diversity in the U.S. (C)	3		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Complete 2 courses:	6		
Elective			
Term hours subtotal:	15		

Term 5 63 - 78 Credit Hours <b>Necessary course signified by</b> ⭐	Hours	Minimum Grade	Notes
⭐ CEL 300: Debating Capitalism	3	C	<ul style="list-style-type: none"> <li>• CEL 499 and additional CEL 484 internship hours may be used to satisfy the CEL elective requirement.</li> <li>• Explore graduate programs with faculty and your advisor.</li> </ul>
⭐ Upper Division Moral and Political Thought	3	C	
CEL 484: Internship	3	Y	
Upper Division Related Area Electives	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours <b>Necessary course signified by</b> ⭐	Hours	Minimum Grade	Notes
⭐ POS 301: Empirical Political Inquiry (SB) OR SGS 305: Empirical Political Inquiry (SB)	3	C	<ul style="list-style-type: none"> <li>• Develop your <b>professional online presence</b>.</li> <li>• Use Handshake to research <b>employment opportunities</b>.</li> </ul>
⭐ Upper Division American Political Thought	3	C	
Upper Division Related Area Electives	3	C	
Complete 2 courses:	6		
Elective			
⭐ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours <b>Necessary course signified by</b> ⭐	Hours	Minimum Grade	Notes
⭐ CEL 475: Statesmanship and American Grand Strategy (HU)	3	C	<ul style="list-style-type: none"> <li>• Gather <b>professional references</b>.</li> <li>• Update and polish your <b>resume</b>.</li> <li>• Apply to <b>graduate programs</b>.</li> </ul>
⭐ POS 401: Political Statistics (CS) OR SGS 401: Political Statistics (CS)	3	C	
⭐ Upper Division Leadership and Statesmanship for the 21st Century	3	C	
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours <b>Necessary course signified by</b> ⭐	Hours	Minimum Grade	Notes
⭐ CEL 485: Capstone Seminar in Civic and Economic Thought and Leadership	3	C	<ul style="list-style-type: none"> <li>• Complete an in person or virtual <b>practice interview</b>.</li> <li>• Apply for full-time <b>career opportunities</b>.</li> </ul>
⭐ Upper Division Economic Thought and Political Economy	3	C	
Upper Division Science and Society Elective	3	C	
Elective	3		
Term hours subtotal:	12		

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Moral and Political Thought	American Political Thought	Economic Thought and Political Economy
CEL 305: Classical Political Statecraft	CEL 394: Debates in American Civic and Public Affairs	CEL 304: Classical to Modern Economic Thought
CEL 320: Modern Political Thought: Origins and Debates about Modern Liberty	CEL 394: Democracy in America	CEL 345: Modern Economic Classics
CEL 375: Politics and Leadership in the Age of Revolutions, 1776-1826	CEL 394: Liberalism and Conservatism in America	CEL 350: Philosophy, Politics and Economics (SB)
CEL 394: Comparative Political Thought	CEL 394: Lincoln: Rhetoric, Thought, Statesmanship	CEL 394: The American Political Economy
CEL 394: Faith and Reason: The Trial of Galileo	CEL 394: Race and the American Story	CEL 494: Adam Smith and Classical Political Economy
CEL 394: Justice and Virtue	CEL 494: Arizona Politics & Constitution	
CEL 394: Medieval Political Thought	CEL 494: The American Constitution I	
CEL 394: Natural Law and the Common Good	CEL 494: The American Constitution II: Civil Liberties	
CEL 494: Political Thought: Islam, Hinduism, Confucianism		
CEL 494: Politics & Literature		
Leadership and Statesmanship for the 21st Century	Related Area Electives	
CEL 394: GIE India: Politics and Leadership	AFR Upper Division Elective	
CEL 394: Leadership & Service GIE: Israel & West Bank	COM Upper Division Elective	
CEL 394: Leading a Life of Meaning	ECN Upper Division Elective	
CEL 394: Left and Right Around the World	HON Upper Division Elective	
CEL 494: Globalism, Nationalism, and Citizenship	HST Upper Division Elective	
CEL 494: National Security Policy Design	JUS Upper Division Elective	
CEL 494: Political Leadership and Statesmanship	PHI Upper Division Elective	
	POS Upper Division Elective	
	SGS Upper Division Elective	
	SOS Upper Division Elective	

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that

guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.






## 2023 - 2024 Major Map




### Communication, BA




School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe](#)

LACOMBA

Term 1 0 - 14 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 COM 100: Introduction to Human Communication (SB)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li><b>ASU Language Placement:</b> Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.</li> <li>Select your <b>career interest</b> area and play <a href="mailto:me3@ASU">me3@ASU</a>.</li> </ul>
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Mathematics (MA) ( MAT 142 recommended)	3	C	
Term hours subtotal:	14		

Term 2 14 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>Join a <b>student club</b> or professional organization.</li> <li>Activate your <b>Handshake account</b> and build out your profile.</li> </ul>
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Complete 2 courses: Elective	6		
 Minimum 2.00 GPA ASU Cumulative. Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 30 - 47 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 COM 207: Introduction to Communication Inquiry	3	C	<ul style="list-style-type: none"> <li>Develop your <b>skills</b>.</li> <li>Create a first draft <b>resume</b>.</li> </ul>
 COM 225: Public Speaking (L)	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	

Humanities, Arts and Design (HU) AND Global Awareness (G)	3
Natural Science - Quantitative (SQ)	4
❖ Complete Mathematics (MA) requirement.	
❖ Minimum 2.00 GPA ASU Cumulative.	
Complete First-Year Composition requirement.	
Term hours subtotal:	17

Term 4 47 - 62 Credit Hours Critical course signified by ❖	Hours	Minimum Grade	Notes
❖ COM 308: Advanced Research Methods in Communication (L)	3	C	<ul style="list-style-type: none"> <li>• Select COM electives in consultation with academic advisor.</li> <li>• Visit <a href="#">Career and Professional Development Services</a> and meet with a career advisor for assistance with career planning and networking.</li> <li>• Explore an <a href="#">internship</a>.</li> </ul>
COM Elective	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Elective	2		
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 5 62 - 77 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
Complete 2 courses: COM 110: Elements of Interpersonal Communication (SB) or COM 310: Relational Communication (SB) OR COM 250: Communication and the Workplace (SB) OR COM 241: Introduction to Oral Interpretation (L or HU) OR COM 263: Elements of Intercultural Communication (SB & C & G) OR COM 321: Rhetorical Theory and Research ((L or HU) & H)	6	C	<ul style="list-style-type: none"> <li>• Students will select two <a href="#">Areas of Emphasis</a> from the five available options shown below and complete both required courses in each of the two chosen areas. The first required course from the two selected areas should be completed in term 5 and the second required course in each selected area should be completed in term 6. The elective courses in each Area of Emphasis are suggested for students who wish to direct their elective choices in any particular area. However, any COM course may be taken to satisfy COM electives.</li> <li>• Develop your <a href="#">professional online presence</a>.</li> </ul>
Computer/Statistics/Quantitative Applications (CS)	3		
Upper Division Elective	3		
Elective OR COM 484: Internship	3		
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 6 77 - 93 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ COM 407: Advanced Critical Methods in Communication	3	C	<ul style="list-style-type: none"> <li>• Students will select two <a href="#">Areas of Emphasis</a> from the five available options shown below and complete both required courses in each of the two chosen areas. The first required course from the two selected areas should be completed in term 5 and the second required course in each selected area should be completed in term 6.</li> <li>• Use Handshake to research <a href="#">employment opportunities</a>.</li> </ul>
Complete 2 courses: COM 410: Interpersonal Communication Theory and Research (SB) OR COM 421: Rhetoric of Social Issues (HU) OR COM 442: Identity, Performance, and Human Communication OR COM 450: Organizational Communication (SB) OR COM 463: Intercultural Communication in a Global Context (SB & G)	6	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Upper Division Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:			

Term hours subtotal: 16

Term 7 93 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Complete 2 courses: COM Upper Division Elective	6	C	<ul style="list-style-type: none"> <li>It is recommended that upper-division COM electives be chosen from the two Areas of Emphasis from which required courses are selected in terms 5 and 6.</li> <li>Apply for full-time career opportunities.</li> </ul>
Complete 3 courses: Upper Division Elective	9		
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ COM Upper Division Elective	3	C	<ul style="list-style-type: none"> <li>It is recommended that upper-division COM electives be chosen from the two Areas of Emphasis from which required courses are selected in terms 5 and 6.</li> </ul>
Complete 3 courses: Upper Division Elective	9		
Term hours subtotal:	12		

- Students will select two out of five Areas of Emphasis and complete both required courses in each of the two chosen areas. Emphasis areas include Communication and Healthy Relating; Workplace, Organizational, and Leadership Communication; Civility, Advocacy, and Engaging Publics; Communication, Creativity, and Performance; and Communication Across Cultures. The required course sequence for each area is listed at the top of each track list below. The elective courses in each Area of Emphasis are suggested for students who wish to direct their elective choices in any particular area. However, any COM course may be taken to satisfy COM electives.
  - In the Communication and Healthy Relating Area of Emphasis, students may complete COM 310 as an upper-division elective if not used toward the required courses in the area, but cannot be counted for both a required course and an elective.

Hide Course List(s)/Track Group(s)

Communication and Healthy Relating	Communication, Creativity and Performance	Workplace, Organizational and Leadership Communication
COM 110: Elements of Interpersonal Communication (SB) AND COM 410: Interpersonal Communication Theory and Research (SB) or COM 310: Relational Communication (SB) AND COM 410: Interpersonal Communication Theory and Research (SB)	COM 241: Introduction to Oral Interpretation (L or HU) AND COM 442: Identity, Performance, and Human Communication	COM 250: Communication and the Workplace (SB) AND COM 450: Organizational Communication (SB)
Electives:	Electives:	Electives:
COM 230: Small Group Communication (SB)	COM 194: Communication and Creativity	COM 230: Small Group Communication (SB)
COM 263: Elements of Intercultural Communication (SB & C & G)	COM 281: Communication Activities	COM 259: Communication in Business and the Professions
COM 310: Relational Communication (SB)	COM 341: Social Contexts for Performance	COM 312: Communication, Conflict, and Negotiation
COM 312: Communication, Conflict, and Negotiation	COM 441: Performance Studies (HU)	COM 319: Persuasion and Social Influence (SB)
COM 316: Gender and Communication (SB & C)	COM 445: Narrative Performance (HU)	COM 377: Communication, Terrorism, and National Security
	COM 446: Performance of Literature Written by Women ((L or HU) & C)	COM 394: Communication, Culture, and New Media Technologies

COM 317: Nonverbal Communication (SB)	COM 400: Intercultural Business Communication
COM 327: Civil Communication	COM 414: Crisis Communication
COM 411: Communication in the Family (SB)	COM 430: Leadership in Group Communication
COM 452: Communication and the Art of Happiness	COM 452: Communication and the Art of Happiness
	COM 453: Communication Training and Development

Communication Across Cultures	Civility, Advocacy and Engaging Publics
COM 263: Elements of Intercultural Communication (SB & C & G) AND COM 463: Intercultural Communication in a Global Context (SB & G)	COM 321: Rhetorical Theory and Research ((L or HU) & H) AND COM 421: Rhetoric of Social Issues (HU)
Electives:	Electives:
COM 317: Nonverbal Communication (SB)	COM 222: Argumentation (L)
COM 327: Civil Communication	COM 316: Gender and Communication (SB & C)
COM 394: Communication, Culture, and New Media Technologies	COM 320: Communication and Consumerism (SB)
COM 442: Identity, Performance, and Human Communication	COM 323: Communication Approaches to Popular Culture (C)
COM 465: Intercultural Communication Workshop	COM 325: Advanced Public Speaking and Presentations (L)
COM 494: Communication in Multi-National Organizations	COM 326: Court Room Oratory
COM 494: Conflict and Intercultural Dialogue	COM 327: Civil Communication
	COM 426: Political Communication (SB)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.








## 2023 - 2024 Major Map

### Communication, BA

School/College: [The College of Liberal Arts and Sciences](#)

Location: [Online ASU Local](#)

LACOMBA

Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 COM 100: Introduction to Human Communication (SB)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar is required for all first-year students.</li> <li>Select your <b>career interest</b> area and play <a href="mailto:me3@asu.edu">me3@ASU</a>.</li> </ul>
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107: First-Year Composition or ENG 108: First-Year Composition			
ASU 101-LA: The ASU Experience	1		
Term hours subtotal:	7		
Term 1 - B 7 - 13 Credit Hours	Hours	Minimum Grade	Notes
Mathematics (MA) ( MAT 142 recommended)	3	C	<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> </ul>
Elective	3		
Term hours subtotal:	6		
Term 2 - A 13 - 20 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR	3	C	<ul style="list-style-type: none"> <li><b>ASU Language Placement:</b> Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.</li> <li>Activate your <b>Handshake account</b> and build out your profile.</li> </ul>
ENG 107: First-Year Composition or ENG 108: First-Year Composition			
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Term hours subtotal:	7		
Term 2 - B 20 - 27 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	<ul style="list-style-type: none"> <li>Create a first draft <b>resume</b>.</li> </ul>
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
 Minimum 2.00 GPA ASU Cumulative. Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	7		
Term 3 - A 27 - 34 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes

❗ COM 207: Introduction to Communication Inquiry	3	C	• Develop your <b>skills</b> .
Second Language: Requirement satisfied through the following:			
* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Term hours subtotal:		7	

Term 3 - B 34 - 41 Credit Hours <b>Critical course signified by</b> ❗	Hours	Minimum Grade	Notes
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❗ COM 225: Public Speaking (L)	3	C
Second Language: Requirement satisfied through the following:		
* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C
❗ Complete Mathematics (MA) requirement.		
❗ Minimum 2.00 GPA ASU Cumulative.		
Complete First-Year Composition requirement.		
Term hours subtotal:		7

Term 4 - A 41 - 47 Credit Hours <b>Critical course signified by</b> ❗	Hours	Minimum Grade	Notes
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❗ COM 308: Advanced Research Methods in Communication (L)	3	C	• Contact <b>Career and Professional Development Services</b> and speak with a career advisor for assistance with career planning and networking.
Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:		6	

Term 4 - B 47 - 54 Credit Hours <b>Critical course signified by</b> ❗	Hours	Minimum Grade	Notes
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Humanities, Arts and Design (HU) AND Global Awareness (G)	3		• Explore an <b>internship</b> .
Natural Science - Quantitative (SQ)	4		
❗ Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:		7	

Term 5 - A 54 - 60 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
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★ COM 110: Elements of Interpersonal Communication (SB) OR COM 310: Relational Communication (SB)	3	C	• Students will complete both required courses in each of the two Areas of Emphasis provided below. The first course from each area should be completed in Term 5 (either COM 110 or 310, and COM 250), and the second course from each area should be completed in Term 6. The elective courses in each Area of Emphasis are suggested for students who wish to direct their elective choices in any particular area. However, any COM course may be taken to satisfy COM electives. • Develop your <b>professional online presence</b> .
★ COM 250: Communication and the Workplace (SB)	3	C	
Term hours subtotal:		6	

Term 5 - B 60 - 66 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
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Computer/Statistics/Quantitative Applications (CS)	3	
Elective	3	
★ Minimum 2.00 GPA ASU Cumulative.		
Term hours subtotal:		6

Term 6 - A 66 - 72 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ COM 410: Interpersonal Communication Theory and Research (SB)	3	C	<ul style="list-style-type: none"> <li>Students will complete both required courses in each of the two Areas of Emphasis provided below. The first course from each area should be completed in Term 5, and the second course from each area should be completed in term 6.</li> <li>Use Handshake to research <b>employment opportunities</b>.</li> </ul>
★ COM 450: Organizational Communication (SB)	3	C	
Term hours subtotal:	6		

Term 6 - B 72 - 79 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Upper Division Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
★ Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	7		

Term 7 - A 79 - 85 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ COM 407: Advanced Critical Methods in Communication	3	C	<ul style="list-style-type: none"> <li>Select COM electives in conjunction with academic advisor.</li> <li>It is recommended that COM electives are chosen from the two Areas of Emphasis Elective course lists provided below, however, any COM course may be taken.</li> <li>Draft or update your <b>resume</b>.</li> </ul>
COM Elective	3	C	
Term hours subtotal:	6		

Term 7 - B 85 - 91 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ COM Upper Division Elective	3	C	<ul style="list-style-type: none"> <li>It is recommended that COM electives are chosen from the two Areas of Emphasis Elective course lists provided below, however, any COM course may be taken.</li> </ul>
Upper Division Elective	3		
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	6		

Term 8 - A 91 - 97 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ COM Upper Division Elective	3	C	<ul style="list-style-type: none"> <li>It is recommended that COM electives are chosen from the two Areas of Emphasis Elective course lists provided below, however, any COM course may be taken.</li> <li>Apply for <b>full-time career opportunities</b>.</li> </ul>
Upper Division Elective	3		
Term hours subtotal:	6		

Term 8 - B 97 - 103 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses:	6		
Upper Division Elective			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	6		



Term 9 - A 103 - 109 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ COM Upper Division Elective	3	C	• It is recommended that COM electives are chosen from the two Areas of Emphasis Elective course lists provided below, however, any COM course may be taken.
Upper Division Elective	3		
Term hours subtotal:	6		

Term 9 - B 109 - 115 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	6		

Term 10 - A 115 - 120 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
Complete 2 courses: Elective	5		
★ Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	5		

- In the Communication and Healthy Relating Area of Emphasis, students may complete COM 310 as an upper-division elective if not used toward the required courses in the area, but cannot be counted for both a required course and an elective.

Hide Course List(s)/Track Group(s)

Communication and Healthy Relating	Workplace, Organizational and Leadership Communication
COM 110: Elements of Interpersonal Communication (SB) AND COM 410: Interpersonal Communication Theory and Research (SB) or COM 310: Relational Communication (SB) AND COM 410: Interpersonal Communication Theory and Research (SB)	COM 250: Communication and the Workplace (SB) AND COM 450: Organizational Communication (SB)
Electives:	Electives:
COM 230: Small Group Communication (SB)	COM 230: Small Group Communication (SB)
COM 263: Elements of Intercultural Communication (SB & C & G)	COM 259: Communication in Business and the Professions
COM 310: Relational Communication (SB)	COM 312: Communication, Conflict, and Negotiation
COM 312: Communication, Conflict, and Negotiation	COM 319: Persuasion and Social Influence (SB)
COM 316: Gender and Communication (SB & C)	COM 400: Intercultural Business Communication
COM 327: Civil Communication	COM 414: Crisis Communication
	COM 430: Leadership in Group Communication
	COM 453: Communication Training and Development

**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.










## 2023 - 2024 Major Map

### Communication, BS

School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe](#)

LACOMBS

Term 1 0 - 16 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 COM 100: Introduction to Human Communication (SB)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>Select your <b>career interest area</b> and play <a href="mailto:me3@asu.edu">me3@ASU</a>.</li> </ul>
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107: First-Year Composition or ENG 108: First-Year Composition			
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
Mathematics (MA) ( MAT 142 recommended)	3	C	
Complete 2 courses: Elective	6		
Term hours subtotal:	16		
Term 2 16 - 31 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR	3	C	<ul style="list-style-type: none"> <li>Join a <b>student club</b> or professional organization.</li> <li>Activate your <b>Handshake account</b> and build out your profile.</li> </ul>
ENG 107: First-Year Composition or ENG 108: First-Year Composition			
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Complete 2 courses: Elective	6		
 Minimum 2.00 GPA ASU Cumulative. Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		
Term 3 31 - 47 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 COM 207: Introduction to Communication Inquiry	3	C	<ul style="list-style-type: none"> <li>Develop your <b>skills</b>.</li> <li>Create a first draft <b>resume</b>.</li> </ul>
 COM 225: Public Speaking (L)	3	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Natural Science - Quantitative (SQ)	4		
Elective	3		
 Complete Mathematics (MA) requirement.			

⚠ Minimum 2.00 GPA ASU Cumulative.

Complete First-Year Composition requirement.

Term hours subtotal: 16

Term 4 47 - 63 Credit Hours Critical course signified by ⚠	Hours	Minimum Grade	Notes
⚠ COM 308: Advanced Research Methods in Communication (L)	3	C	<ul style="list-style-type: none"> <li>All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found <a href="#">here</a>. At least one of the two courses must be upper division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.</li> <li>Visit <a href="#">Career and Professional Development Services</a> and meet with a career advisor for assistance with career planning and networking.</li> <li>Explore an <a href="#">internship</a>.</li> </ul>
Science and Society Elective	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Complete 2 courses: Elective	6		
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
Complete 2 courses: COM 110: Elements of Interpersonal Communication (SB) or COM 310: Relational Communication (SB) OR COM 241: Introduction to Oral Interpretation (L or HU) OR COM 250: Communication and the Workplace (SB) OR COM 263: Elements of Intercultural Communication (SB & C & G) OR COM 321: Rhetorical Theory and Research ((L or HU) & H)	6	C	<ul style="list-style-type: none"> <li>All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found <a href="#">here</a>. At least one of the two courses must be upper division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.</li> <li>Students will select two <a href="#">Areas of Emphasis</a> from five available options shown below and complete both required courses in each of the two chosen areas. The first course from each selected area should be completed in term 5 and the second course from each selected area should be completed in term 6.</li> <li>Develop your <a href="#">professional online presence</a>.</li> </ul>
Upper Division Science and Society Elective	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Elective OR COM 484: Internship	3		
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ COM 408: Quantitative Research Methods in Communication	3	C	<ul style="list-style-type: none"> <li>Students will select two <a href="#">Areas of Emphasis</a> from five available options shown below and complete both required courses in each of the two chosen areas. The first course from each selected area should be completed in term 5 and the second course from each selected area should be completed in term 6. The elective courses in each Area of Emphasis are suggested for students who</li> </ul>
Complete 2 courses: COM 410: Interpersonal Communication Theory and Research (SB) OR COM 421: Rhetoric of Social Issues (HU) OR COM 442: Identity, Performance, and Human Communication OR COM 450: Organizational Communication (SB) OR COM 463: Intercultural Communication in a Global Context (SB & G)	6	C	
Complete 2 courses: Upper Division Elective	6		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			

Minimum 2.00 GPA ASU Cumulative.

Term hours subtotal: 15

wish to direct their elective choices in any particular area. However, any COM course may be taken to satisfy COM electives.

- Use Handshake to research **employment opportunities**.

Term 7 93 - 108 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ COM Upper Division Elective	3	C	<ul style="list-style-type: none"> <li>• Select COM electives in conjunction with academic advisor.</li> <li>• It is recommended that upper-division COM electives be chosen from the two <b>Areas of Emphasis</b> from which required courses are selected in terms 5 and 6.</li> <li>• Apply for <b>full-time career opportunities</b>.</li> </ul>
★ COM Elective	3	C	
Complete 3 courses: Upper Division Elective	9		
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Complete 2 courses: COM Upper Division Elective	6	C	<ul style="list-style-type: none"> <li>• It is recommended that upper-division COM electives be chosen from the two <b>Areas of Emphasis</b> from which required courses are selected in terms 5 and 6.</li> </ul>
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	12		

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.
- Students will select two out of five Areas of Emphasis and complete both required courses in each of the two chosen areas. Emphasis areas include Communication and Healthy Relating; Workplace, Organizational, and Leadership Communication; Civility, Advocacy, and Engaging Publics; Communication, Creativity, and Performance; and Communication Across Cultures. The required course sequence for each area is listed at the top of each track list below. The elective courses in each Area of Emphasis are suggested for students who wish to direct their elective choices in any particular area. However, any COM course may be taken to satisfy COM electives.
- In the Communication and Healthy Relating Area of Emphasis, students may complete COM 310 as an upper-division elective if not used toward the required courses in the area, but it cannot be counted for both a required course and an elective.

Hide Course List(s)/Track Group(s)

Communication and Healthy Relating	Communication, Creativity and Performance	Workplace, Organizational and Leadership Communication
COM 110: Elements of Interpersonal Communication (SB) AND COM 410: Interpersonal Communication Theory and Research (SB) or COM 310: Relational Communication (SB) AND COM 410: Interpersonal Communication Theory and Research (SB)	COM 241: Introduction to Oral Interpretation (L or HU) AND COM 442: Identity, Performance, and Human Communication	COM 250: Communication and the Workplace (SB) AND COM 450: Organizational Communication (SB)
Electives:	Electives:	Electives:
	COM 194: Communication and Creativity	COM 230: Small Group Communication (SB)
	COM 281: Communication Activities	

COM 230: Small Group Communication (SB)	COM 341: Social Contexts for Performance	COM 259: Communication in Business and the Professions
COM 263: Elements of Intercultural Communication (SB & C & G)	COM 441: Performance Studies (HU)	COM 312: Communication, Conflict, and Negotiation
COM 310: Relational Communication (SB)	COM 445: Narrative Performance (HU)	COM 319: Persuasion and Social Influence (SB)
COM 312: Communication, Conflict, and Negotiation	COM 446: Performance of Literature Written by Women ((L or HU) & C)	COM 377: Communication, Terrorism, and National Security
COM 316: Gender and Communication (SB & C)		COM 394: Communication, Culture, and New Media Technologies
COM 317: Nonverbal Communication (SB)		COM 400: Intercultural Business Communication
COM 327: Civil Communication		COM 414: Crisis Communication
COM 411: Communication in the Family (SB)		COM 430: Leadership in Group Communication
COM 452: Communication and the Art of Happiness		COM 452: Communication and the Art of Happiness
		COM 453: Communication Training and Development
<b>Communication Across Cultures</b>	<b>Civility, Advocacy and Engaging Publics</b>	
COM 263: Elements of Intercultural Communication (SB & C & G) AND COM 463: Intercultural Communication in a Global Context (SB & G)	COM 321: Rhetorical Theory and Research ((L or HU) & H) AND COM 421: Rhetoric of Social Issues (HU)	
<b>Electives:</b>	<b>Electives:</b>	
COM 317: Nonverbal Communication (SB)	COM 222: Argumentation (L)	
COM 327: Civil Communication	COM 316: Gender and Communication (SB & C)	
COM 394: Communication, Culture, and New Media Technologies	COM 320: Communication and Consumerism (SB)	
COM 442: Identity, Performance, and Human Communication	COM 323: Communication Approaches to Popular Culture (C)	
COM 465: Intercultural Communication Workshop	COM 325: Advanced Public Speaking and Presentations (L)	
COM 494: Communication in Multi-National Organizations	COM 326: Court Room Oratory	
COM 494: Conflict and Intercultural Dialogue	COM 327: Civil Communication	
	COM 426: Political Communication (SB)	

**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

## 2023 - 2024 Major Map

### Communication, BS




School/College: [The College of Liberal Arts and Sciences](#)

Location: [Online ASU Local](#)



LACOMBS



### **FT** Fast Track Options: 3 Year

A student must speak with an advisor in order to be added to a fast track plan.

Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 COM 100: Introduction to Human Communication (SB)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar is required for all first-year students.</li> <li>Select your <b>career interest</b> area and play <a href="mailto:me3@ASU">me3@ASU</a>.</li> </ul>
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR			
 ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107: First-Year Composition or ENG 108: First-Year Composition			
ASU 101-LA: The ASU Experience	1		
Term hours subtotal:	7		

Term 1 - B 7 - 13 Credit Hours	Hours	Minimum Grade	Notes
Mathematics (MA) ( MAT 142 recommended)	3	C	<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> </ul>
Elective	3		
Term hours subtotal:	6		

Term 2 - A 13 - 19 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR			<ul style="list-style-type: none"> <li>Activate your <b>Handshake</b> account and build out your profile.</li> </ul>
 ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107: First-Year Composition or ENG 108: First-Year Composition			
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	6		

Term 2 - B 19 - 25 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
Complete 2 courses:			<ul style="list-style-type: none"> <li>Create a first draft <b>resume</b>.</li> </ul>
Elective	6		
 Minimum 2.00 GPA ASU Cumulative.			
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	6		

Term 3 - A 25 - 31 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
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❖ COM 207: Introduction to Communication Inquiry	3	C
❖ COM 225: Public Speaking (L)	3	C
Term hours subtotal:	6	

- Develop your **skills**.

Term 3 - B 31 - 38 Credit Hours Critical course signified by ❖	Hours	Minimum Grade	Notes
Cultural Diversity in the U.S. (C)	3		
Natural Science - Quantitative (SQ)	4		
❖ Complete Mathematics (MA) requirement.			
❖ Minimum 2.00 GPA ASU Cumulative.			
Complete First-Year Composition requirement.			
Term hours subtotal:	7		

Term 4 - A 38 - 44 Credit Hours Critical course signified by ❖	Hours	Minimum Grade	Notes
❖ COM 308: Advanced Research Methods in Communication (L)	3	C	
Elective	3		
Term hours subtotal:	6		

- Contact **Career and Professional Development Services** and speak with a career advisor for assistance with career planning and networking.

Term 4 - B 44 - 51 Credit Hours Critical course signified by ❖	Hours	Minimum Grade	Notes
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
❖ Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	7		

- Explore an **internship**.

Term 5 - A 51 - 57 Credit Hours Necessary course signified by ⭐	Hours	Minimum Grade	Notes
⭐ COM 110: Elements of Interpersonal Communication (SB) OR COM 310: Relational Communication (SB)	3	C	
⭐ COM 250: Communication and the Workplace (SB)	3	C	
Term hours subtotal:	6		

- Students will complete both required courses in each of the two Areas of Emphasis provided below. The first course from each area should be completed in term 5 (either COM 110 or COM 310, and COM 250) and the second course from each area should be completed in term 6. The elective courses in each Area of Emphasis are suggested for students who wish to direct their elective choices in any particular area. However, any COM course may be taken to satisfy COM electives.
- Develop your **professional online presence**.

Term 5 - B 57 - 63 Credit Hours Necessary course signified by ⭐	Hours	Minimum Grade	Notes
Science and Society Elective	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must

★ Minimum 2.00 GPA ASU Cumulative.

Term hours subtotal: 6

complete two courses from the Science and Society list found [here](#). At least one of the two courses must be upper division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Term 6 - A 63 - 69 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ COM 410: Interpersonal Communication Theory and Research (SB)	3	C	<ul style="list-style-type: none"> <li>Students will complete both required courses in each of the two Areas of Emphasis provided below. The first course from each area should be completed in term 5 and the second course from each area should be completed in term 6.</li> <li>Use Handshake to research <a href="#">employment opportunities</a>.</li> </ul>
★ COM 450: Organizational Communication (SB)	3	C	
Term hours subtotal:	6		

Term 6 - B 69 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Elective	6		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
★ Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	6		

Term 7 - A 75 - 81 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ COM 408: Quantitative Research Methods in Communication	3	C	<ul style="list-style-type: none"> <li>All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found <a href="#">here</a>. At least one of the two courses must be upper division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.</li> <li>Draft or update your <a href="#">resume</a>.</li> </ul>
Upper Division Science and Society Elective	3	C	
Term hours subtotal:	6		

Term 7 - B 81 - 87 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ COM Elective	3	C	<ul style="list-style-type: none"> <li>Select COM electives in conjunction with academic advisor.</li> <li>It is recommended that COM electives are chosen from the two Areas of Emphasis Elective course lists provided below, however, any COM course may be taken.</li> </ul>
Elective	3		
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	6		

Term 8 - A 87 - 93 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ COM Upper Division Elective	3	C	<ul style="list-style-type: none"> <li>It is recommended that COM electives are chosen from the two Areas of Emphasis</li> </ul>
Upper Division Elective	3		

Term hours subtotal: 6

Elective course lists provided below, however, any COM course may be taken.

- Apply for **full-time career opportunities**.

Term 8 - B 93 - 99 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ COM Upper Division Elective	3	C	<ul style="list-style-type: none"> <li>• It is recommended that COM electives are chosen from the two Areas of Emphasis Elective course lists provided below, however, any COM course may be taken.</li> </ul>
Upper Division Elective	3		
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	6		

Term 9 - A 99 - 105 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ COM Upper Division Elective	3	C	<ul style="list-style-type: none"> <li>• It is recommended that COM electives are chosen from the two Areas of Emphasis Elective course lists provided below, however, any COM course may be taken.</li> </ul>
Upper Division Elective	3		
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	6		

Term 9 - B 105 - 111 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses:			
Upper Division Elective	6		
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	6		

Term 10 - A 111 - 117 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses:			
Elective	6		
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	6		

Term 10 - B 117 - 120 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
Elective	3		
★ Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	3		

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.
- In the Communication and Healthy Relating Area of Emphasis, students may complete COM 310 as an upper-division elective if not used toward the required courses in the area, but cannot be counted for both a required course and an elective.

Hide Course List(s)/Track Group(s)

Communication and Healthy Relating	Workplace Organizational and Leadership Communication
------------------------------------	---

COM 110: Elements of Interpersonal Communication (SB) AND COM 410: Interpersonal Communication Theory and Research (SB) or COM 310: Relational Communication (SB) AND COM 410: Interpersonal Communication Theory and Research (SB)	COM 250: Communication and the Workplace (SB) AND COM 450: Organizational Communication (SB)
Electives:	Electives:
COM 230: Small Group Communication (SB)	COM 230: Small Group Communication (SB)
COM 263: Elements of Intercultural Communication (SB & C & G)	COM 259: Communication in Business and the Professions
COM 310: Relational Communication (SB)	COM 312: Communication, Conflict, and Negotiation
COM 312: Communication, Conflict, and Negotiation	COM 319: Persuasion and Social Influence (SB)
COM 316: Gender and Communication (SB & C)	COM 400: Intercultural Business Communication
COM 327: Civil Communication	COM 414: Crisis Communication
	COM 430: Leadership in Group Communication
	COM 453: Communication Training and Development

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

## First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.












## 2023 - 2024 Major Map

### Computational Mathematical Sciences, BS

School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe](#)

LACMSBS

Term 1 0 - 14 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 CSE 110: Principles of Programming (CS)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students</li> <li>Select your <b>career interest area</b> and play <a href="mailto:me3@ASU">me3@ASU</a>.</li> </ul>
 MAT 270: Calculus with Analytic Geometry I (MA)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
Elective	3		
Maintain 2.50 GPA in Critical Tracking Courses.			
Term hours subtotal:	14		
Term 2 14 - 31 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 CSE 205: Object-Oriented Programming and Data Structures (CS)	3	C	<ul style="list-style-type: none"> <li>Meet with your academic advisor to reflect on your first year of classes and map your coursework towards a timely graduation.</li> <li>Join a <b>student club</b> or professional organization, like <b>Math Club</b>.</li> </ul>
 MAT 271: Calculus with Analytic Geometry II (MA)	4	C	
Science Sequence Course AND Natural Science - Quantitative (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Literacy and Critical Inquiry (L) ( PHI 103 recommended)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Maintain 2.50 GPA in Critical Tracking Courses.			
Minimum 2.00 GPA in MAT and STP.			
Term hours subtotal:	17		
Term 3 31 - 47 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 CSE 240: Introduction to Programming Languages	3	C	<ul style="list-style-type: none"> <li>Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation</li> <li>Meet with your academic advisor to discuss summer <b>internship</b> and/or Research Opportunities for Undergraduates (REU)</li> </ul>
 MAT 272: Calculus with Analytic Geometry III (MA)	4	C	
 MAT 275: Modern Differential Equations (MA)	3	C	
Science and Society Elective	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		

🚩 Complete First-Year Composition requirement.

Complete Mathematics (MA) requirement.

Maintain 2.50 GPA in Critical Tracking Courses.

Minimum 2.00 GPA in MAT and STP.

Term hours subtotal: 16

- Visit [Career and Professional Development Services](#) and meet with a career advisor for assistance with career planning and networking.

Term 4 47 - 63 Credit Hours <b>Critical course signified by</b> 🚩	Hours	Minimum Grade	Notes
🚩 MAT 300: Mathematical Structures (L)	3	C	<ul style="list-style-type: none"> <li>• Minimum grade of C required in all MAT classes; grade of B or better strongly correlated with timely graduation</li> <li>• Meet with your academic advisor to discuss options for adding a minor, certificate, or concurrent major to your degree program.</li> <li>• Develop professional <b>skills</b></li> <li>• Upper-division MAT/STP courses should be taken through the Tempe campus, unless approved by a SoMSS advisor.</li> </ul>
🚩 MAT 342: Linear Algebra OR MAT 343: Applied Linear Algebra	3	C	
Science Sequence Course AND Natural Science - Quantitative (SQ) or Natural Science - General (SG)	4	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Maintain 2.50 GPA in Critical Tracking Courses.			
Term hours subtotal:	16		

Term 5 63 - 77 Credit Hours <b>Necessary course signified by</b> ⭐	Hours	Minimum Grade	Notes
⭐ MAT 370: Intermediate Calculus OR MAT 371: Advanced Calculus I	3	C	<ul style="list-style-type: none"> <li>• Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation</li> <li>• Meet with your academic advisor to discuss post-graduation plans, e.g. graduate school, career preparation.</li> <li>• Develop your <b>professional online presence</b>.</li> <li>• Upper-division MAT/STP courses should be taken through the Tempe campus, unless approved by a SoMSS advisor.</li> </ul>
⭐ MAT 420: Scientific Computing	3	C	
Science Sequence Course	4	C	
Elective	4		
Minimum 2.00 GPA in MAT and STP.			
Term hours subtotal:	14		

Term 6 77 - 93 Credit Hours <b>Necessary course signified by</b> ⭐	Hours	Minimum Grade	Notes
⭐ MAT 421: Applied Computational Methods (CS)	3	C	<ul style="list-style-type: none"> <li>• Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation</li> <li>• Upper-division MAT/STP courses should be taken through the Tempe campus, unless approved by a SoMSS advisor.</li> <li>• Meet with a career counselor from ASU Career Services for a review of your <b>resume</b> and interviewing tips for success.</li> </ul>
Science Sequence Course	4	C	
Social-Behavioral Sciences (SB)	3		
Complete 2 courses: Upper Division Elective	6		
⭐ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Minimum 2.00 GPA in MAT and STP.			
Term hours subtotal:	16		

Term 7 93 - 108 Credit Hours <b>Necessary course signified by</b> ⭐	Hours	Minimum Grade	Notes
⭐ Upper Division Advanced Courses	3	C	<ul style="list-style-type: none"> <li>• Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation</li> <li>• Upper-division MAT/STP courses should be taken through the Tempe campus, unless approved by a SoMSS advisor.</li> </ul>
⭐ Upper Division Internship/Research/Advanced Science Course	3	C	
Upper Division Science and Society Elective	3	C	
Upper Division Elective	3		
Elective	3		
Minimum 2.00 GPA in MAT and STP.			

Term hours subtotal: 15

- Meet with your academic advisor to discuss post-graduation plans, e.g. graduate school, career preparation.
- Gather **professional references**.

Term 8 108 - 120 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ <i>Complete 2 courses:</i>			
Upper Division Advanced Courses	6	C	<ul style="list-style-type: none"> <li>• Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation.</li> <li>• Upper-division MAT/STP courses should be taken through the Tempe campus, unless approved by a SoMSS advisor.</li> <li>• Meet with your academic advisor for final degree check and apply for graduation through your My ASU.</li> </ul>
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Elective	3		
★ Minimum 2.00 GPA in MAT and STP.			
Term hours subtotal:	12		

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.
- The Computational Mathematical Sciences degree requires students to select and complete two 1-year lecture and lab combinations. Upon advisor approval, two advanced courses for which the first 1-year science and lab sequence is a prerequisite may be substituted for the second 1-year science and lab sequence.

Hide Course List(s)/Track Group(s)

Science Sequence Courses	Internship, Research, or Advanced Science	Advanced Courses
AST 111: Introduction to Solar Systems Astronomy (SQ) AND AST 112: Introduction to Stars, Galaxies, and Cosmology (SQ) or AST 321: Introduction to Planetary and Stellar Astrophysics AND AST 322: Introduction to Galactic and Extragalactic Astrophysics AND BIO 182: General Biology II (SG)	AST Upper Division Elective BIO 320: Fundamentals of Ecology BME Upper Division Elective CEE Upper Division Elective CHE Upper Division Elective CHM Upper Division Elective CIS Upper Division Elective CSE Upper Division Elective EEE Upper Division Elective	DAT 401: Statistical Modeling and Inference for Data Science DAT 402: Machine Learning for Data Science MAT 415: Introduction to Combinatorics MAT 416: Graph Theory MAT 419: Introduction to Linear Optimization (CS) MAT 423: Numerical Analysis I (CS) MAT 425: Numerical Analysis II (CS) MAT 447: Cryptography I MAT 448: Cryptography II MAT 451: Mathematical Modeling (CS) MAT 452: Introduction to Chaos and Nonlinear Dynamics MAT 461: Applied Complex Analysis
CHM 113: General Chemistry I (SQ) AND CHM 116: General Chemistry II (SQ)		
CHM 114: General Chemistry for Engineers (SQ) AND CHM 231: Elementary Organic Chemistry (SQ) AND CHM 235: Elementary Organic Chemistry Laboratory (SQ)		
GLG 101: Introduction to Geology I (Physical) (SQ) AND GLG 103: Introduction to Geology I: Laboratory (SQ) AND GLG 102: Introduction to Geology II (Historical) (SG & H) AND GLG 104: Introduction to Geology II-Laboratory (SG)	GLG 305: Dynamic Earth GLG 321: Mineralogy GLG 362: Geomorphology GLG 4** Elective	
	IEE Upper Division Elective	



PHY 121: University Physics I: Mechanics (SQ) AND PHY 122: University Physics Laboratory I (SQ) AND PHY 131: University Physics II: Electricity and Magnetism (SQ) AND PHY 132: University Physics Laboratory II (SQ)	MAE Upper Division Elective	MAT 462: Applied Partial Differential Equations
	MAT 484: Internship	MAT 475: Differential Equations
	MAT 493: Honors Thesis (L)	MAT 476: Partial Differential Equations
	MAT 495: Undergraduate Research	STP 420: Introductory Applied Statistics (CS)
PHY 150: Physics I (SQ) AND PHY 151: Physics II (SQ)	MIC Upper Division Elective	STP 421: Probability
	MSE Upper Division Elective	STP 425: Stochastic Processes
	PHI 413: Advanced Symbolic Logic	STP 427: Mathematical Statistics
	PHY Upper Division Elective	STP 429: Applied Regression (CS)
	PLB Upper Division Elective	

**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum  
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map



### Culture, Technology and Environment, BA



School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe](#)

LACTEBA

Term 1 0 - 14 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CTE 110: Introduction to Culture, Technology and Environment	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.</li> <li>Select your <b>career interest area</b> and play <a href="mailto:me3@asu.edu">me3@ASU</a>.</li> </ul>
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3		
Term hours subtotal:	14		

Term 2 14 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>Join a <b>student club</b> or professional organization.</li> </ul>
MAT 142: College Mathematics (MA)	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Humanities, Arts and Design (HU)	3		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s). Maintain 2.00 GPA in Major Courses.			
Term hours subtotal:	16		

Term 3 30 - 44 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 Directed Elective	3	C	<ul style="list-style-type: none"> <li>For the Directed Elective requirement, choose a course from any of the lists below.</li> </ul>
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		

Natural Science - Quantitative (SQ) 4

❗ Complete Mathematics (MA) requirement.

Maintain 2.00 GPA in Major Courses.

Term hours subtotal: 14

Term 4 44 - 59 Credit Hours Critical course signified by ❗	Hours	Minimum Grade	Notes
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❗ Directed Elective

3 C

Second Language: Requirement satisfied through the following:

\* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.

4 C

Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)

3

Complete 2 courses:

Elective

5

Maintain 2.00 GPA in Major Courses.

Term hours subtotal: 15

- Explore an **internship**.
- Choose a course from any of the Directed Elective lists below.

Term 5 59 - 74 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ CTE 310: Elements of Culture, Technology and Environment

3 C

★ Upper Division Directed Elective - Language and Culture

3 C

Literacy and Critical Inquiry (L)

3

Complete 2 courses:

Upper Division Elective

6

Maintain 2.00 GPA in Major Courses.

Term hours subtotal: 15

- At least 12 of the upper-division hours required in the major must be taken in courses offered by The College of Liberal Arts and Sciences.

Term 6 74 - 89 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ Upper Division Directed Elective - English and Film

3 C

★ Upper Division Directed Elective

3 C

Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)

3

Complete 2 courses:

Upper Division Elective

6

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Maintain 2.00 GPA in Major Courses.

Term hours subtotal: 15

- Complete one upper-division course from the Directed Elective - English and Film course list, and one upper-division course from any of the Directed Elective lists below.
- At least 12 of the upper-division hours required in the major must be taken in courses offered by The College of Liberal Arts and Sciences.
- Research **employment opportunities**.

Term 7 89 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ HUL 400: Humanities Lab: Immersive

3 C

Upper Division Literacy and Critical Inquiry (L)

3

Computer/Statistics/Quantitative Applications (CS)

3

Natural Science - Quantitative (SQ) OR Natural Science - General (SG)

4

Upper Division Elective

3

Maintain 2.00 GPA in Major Courses.

- At least 12 of the upper-division hours required in the major must be taken in courses offered by The College of Liberal Arts and Sciences.
- Apply for **full-time career opportunities**.

Term hours subtotal: 16

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CTE 484: Internship OR CTE 498: Pro-Seminar	3	C	<ul style="list-style-type: none"> <li>At least 12 of the upper-division hours required in the major must be taken in courses offered by The College of Liberal Arts and Sciences.</li> </ul>
★ Upper Division Directed Elective - History, Philosophy and Religion	3	C	
Upper Division Elective	3		
Complete 2 courses: Elective	6		
Maintain 2.00 GPA in Major Courses.			
Term hours subtotal:	15		

Hide Course List(s)/Track Group(s)

Directed Electives - Language and Culture	Directed Electives - English and Film	Directed Electives - History, Philosophy and Religion
ASL 410: Deaf Culture (C)	ENG 312: English in its Social Setting (L or HU or SB)	HST 308: History and Philosophy of Sustainability
SLC 194: Food, Culture, and Society in Latin America	ENG 319: Future of English (G)	HST 318: History of Engineering ((L or SB) & G)
SLC 304: Digital Humanities for Language Majors (CS)	ENG 332: Studies in Race and Ethnicity in Literature and Culture	HST 345: Environmental History (L)
SLC 350: Food and Culture: The Mediterranean Lifestyle in Italy	ENG 350: Studies in Literary Histories and Traditions	HST 382: Studies in the History of Innovation and Technology
SLC 380: Natural Disasters: Environmental and Cultural Resilience in Italy	ENG 363: Transborder Mexican and Chicano/a Literature of Southwest North America ((L or HU) & C)	HST 482: Writing and the History of Science, Ideas and Technology (L)
SLC 421: Spaces of Disaster and Precarity	ENG 367: Environmental Issues in Literature and Film (L or HU)	PHI 310: Environmental Ethics (HU)
SLC 450: Experimental Narrative (HU)	ENG 370: Science, Values, and the Public	PHI 320: Bioethics (HU)
SLC 494: Animals in the Anthropocene	ENG 371: Rhetoric of the Environmental Movement	PHI 322: History and Philosophy of Sustainability
SLC 494: Ecocritical Approaches Latin Am Cultural Productn	ENG 378: Environmental Creative Nonfiction (L or HU)	REL 101: Religion, Culture and Public Life (HU & G)
SLC 494: Sustainable Fashion	ENG 440: Studies in American Literature and Culture	REL 107: Religion and Globalization (HU & G)
	ENG 444: Topics for Interdisciplinary Study of Literature and Culture	REL 201: Religion and the Modern World (L or HU)
	FMS 110: Introduction to New Media (HU)	REL 321: Religion in America ((L or HU) & C & H)
	FMS 351: Emerging Digital Media	REL 330: Native American Worldviews (HU & C)
	FMS 360: Media Genres	REL 331: Indigenous American Religious History ((L or HU) & C & H)
	FMS 385: Ecomedia	REL 349: Nature, Sustainability and Religion
	FMS 442: Experimental Narrative (HU)	REL 363: Islam and World Affairs (G)

REL 366: Islam in the Modern World (HU & G)

REL 381: Religion and Moral Issues (L or HU)

REL 388: Religion, Ethics, and International Politics

REL 480: Religion and Global Politics (L & G)

REL 483: Religion and Science

**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.





## 2023 - 2024 Major Map





### Data Science, BS




School/College: The College of Liberal Arts and Sciences

Location: Tempe

LADATSCIBS

Term 1 0 - 15 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CSE 110: Principles of Programming (CS)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar is required for all first-year students.</li> <li>Students who complete MAT 270 must also complete MAT 271 in Term 2. Students who complete MAT 265 must also complete MAT 266 in Term 2.</li> <li>It is highly recommended that students work with both an academic advisor from the School of Mathematical and Statistical Sciences and an assigned advisor affiliated with their chosen track.</li> <li>Select your <b>career interest area</b> and play <a href="mailto:me3@asu.edu">me3@ASU</a>.</li> </ul>
 LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
 MAT 270: Calculus with Analytic Geometry I (MA) OR MAT 265: Calculus for Engineers I (MA)	4-3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	15-14		

Term 2 15 - 31 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CSE 205: Object-Oriented Programming and Data Structures (CS)	3	C	<ul style="list-style-type: none"> <li>Students who complete MAT 270 must also complete MAT 271. Students who complete MAT 265 must also complete MAT 266.</li> <li>Some upper-division track courses require prerequisites. It is recommended that students consult with their advisors and use electives to complete appropriate course prerequisites.</li> <li>Create a first draft <b>resume</b>.</li> </ul>
 MAT 271: Calculus with Analytic Geometry II (MA) OR MAT 266: Calculus for Engineers II (MA)	4-3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Elective	3-4		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 31 - 46 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 DAT 250: Data Science and Society	3	C	<ul style="list-style-type: none"> <li>Students must choose and complete a minimum of 21 credit hours in their selected track. Track options are Behavioral Sciences, Biosciences,</li> </ul>
 MAT 343: Applied Linear Algebra	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Complete 2 courses:			

Elective	5
.....	
🔻 Complete First-Year Composition requirement.	
.....	
Complete Mathematics (MA) requirement.	
.....	
Term hours subtotal:	15

Business Analytics, Computer Science, Mathematics, Social Sciences, or Spatial Sciences.

- Some track courses may require additional prerequisites, so students will work with an assigned academic advisor in their track as well as the School of Mathematical and Statistical Sciences to select electives to satisfy necessary prerequisites.

Term 4 46 - 61 Credit Hours Critical course signified by 🔻	Hours	Minimum Grade	Notes
🔻 DAT 300: Mathematical Tools for Data Science	3	C	<ul style="list-style-type: none"> <li>• Students pursuing the Computer Science track are advised to take CSE 220 this term due to prerequisite requirements in future terms.</li> <li>• Explore an <b>internship</b>.</li> </ul>
Required Track Courses	3-4	C	
Complete 3 courses:			
Elective	9		
Term hours subtotal:	15-16		

Term 5 61 - 76 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ DAT 301: Exploring Data in R and Python	4	C	<ul style="list-style-type: none"> <li>• Students pursuing the Computer Science track are advised to take CSE 310 in this term due to prerequisite requirements in future terms.</li> <li>• Develop your <b>professional online presence</b>.</li> </ul>
Upper Division Required Track Courses	3-4	C	
Required Track Courses	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Elective	2-3		
Term hours subtotal:	15-17		

Term 6 76 - 91 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ DAT 401: Statistical Modeling and Inference for Data Science	3	C	
Complete 2 courses:			
Upper Division Required Track Courses	6	C	
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Upper Division Elective OR DAT 484: Internship	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 91 - 106 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ DAT 402: Machine Learning for Data Science OR CSE 475: Foundations of Machine Learning	3	C	<ul style="list-style-type: none"> <li>• Students pursuing the Computer Science track are advised to enroll in CSE 475 rather than DAT 402. Students pursuing all other tracks are advised to enroll in DAT 402 in this term.</li> <li>• Gather <b>professional references</b>.</li> </ul>
Upper Division Required Track Courses	3	C	
Upper Division Science and Society Elective	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	15		

Term 8 106 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ DAT 490: Data Science Capstone (L) OR Disciplinary Capstone from selected track	3-2	C	

Upper Division Literacy and Critical Inquiry (L)	3
Social-Behavioral Sciences (SB)	3
Complete 2 courses:	5
Upper Division Elective	
Term hours subtotal:	14-13

- Students pursuing the Spatial Sciences track will complete a two credit hour capstone course; all other tracks require three credits of capstone coursework.
- Meet with your academic advisor for final degree check and apply for graduation through your My ASU.

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.
- **Behavioral Sciences Track:** In cooperation with an assigned academic advisor, students must complete five required courses from the initial group of courses displayed in the track and one additional required course from the remaining list. Students must also complete three credit hours in DAT 490 or a 400-level disciplinary capstone course drawn from the CDE, FAS, or PSY subject areas.
- **Biosciences Track:** Students are required to complete BIO 439, BIO 440, a Bioethics related course from the provided list and three credit hours of DAT 490 Data Science Capstone. An additional three courses (minimum of nine credit hours) are chosen from the remaining track electives.
- **Business Analytics Track:** Students are to complete all courses in the track plus three credit hours of DAT 490 Data Science Capstone.
- **Computer Science Track:** In consultation with advisor, students must complete four required courses (12 credit hours) and pick two related courses (six credit hours). In addition, they must complete three credit hours of DAT 490 Data Science Capstone.
- **Mathematics Track:** Students are to complete MAT 267 and MAT 275. In cooperation with an academic advisor, students must also select four courses from the remaining courses in the track list below. In addition, students need to complete three credit hours in DAT 490 Data Science Capstone.
- **Social Sciences Track:** In consultation with an assigned academic advisor, students will select six courses for a minimum of 18 credit hours from the track list below, at least 12 credit hours of which must be upper division. In addition, students must complete three credit hours in DAT 490 Data Science Capstone or a disciplinary-specific capstone course.
- **Spatial Sciences Track:** Students must complete six courses listed in the track. In addition, they will complete two credit hours of DAT 490 Data Science Capstone or a 400-level GIS capstone course chosen in consultation with an assigned academic advisor.

Hide Course List(s)/Track Group(s)

Behavioral Sciences Track	Biosciences Track	Business Analytics Track
<b>Complete five courses from list below:</b>	<b>Complete three courses from list below:</b>	<b>Complete all courses below:</b>
CDE 232: Human Development (SB) or FAS 101: Personal Growth and Relationships (SB) or PSY 101: Introduction to Psychology (SB)	BIO 312: Bioethics (HU) or PHI 320: Bioethics (HU) or BIO 316: History of Biology: Conflicts and Controversies (H) or HPS 330: History of Biology: Conflicts and Controversies (H) or BIO 317: History of Science II (HU & H) or HPS 323: History of Science II (HU & H) or BIO 318: History of Medicine (HU & H) or HPS 331: History of Medicine (HU & H) or BIO 416: Biomedical Research Ethics (L) or HPS 410: Biomedical Research Ethics (L)	CIS 235: Introduction to Information Systems
FAS 498: Advanced Statistics for Social Sciences or SOC 469: Multivariate Statistics for Social Sciences or PSY 330: Statistical Methods (CS)		CIS 407: Business Database Systems Development
PSY 290: Research Methods (L or SG) or FAS 361: Applied Research Methods (L or SB)		CIS 409: Business Data Warehouses and Dimensional Modeling
		CIS 412: Business Data Mining
		CIS 415: Big Data Analytics in Business



PSY 498: Data Mining in the Behavioral Sciences or STP 450: Nonparametric Statistics or STP 452: Multivariate Statistics	BIO 439: Computing for Research	WPC 300: Problem Solving and Actionable Analytics
SOC 390: Social Statistics I (CS)	BIO 440: Functional Genomics or MBB 440: Functional Genomics	
<b>Choose one elective course from list below:</b>	<b>Choose three elective courses from list below:</b>	
CDE 312: Adolescence (SB)	BIO 355: Introduction to Computational Molecular Biology (CS)	
CDE 337: Early Childhood Intervention	BIO 411: Quantitative Methods in Conservation and Ecology	
CDE 418: Aging and the Life Course (SB & H)	BIO 415: Statistical Models for Biology (CS)	
CDE 430: Infant and Toddler Development in the Family (SB)	BIO 494: Data Analysis in Neuroscience	
CDE 450: Childhood Disorders and Family Functioning (L)	BIO 494: Microbiome Data Science	
FAS 301: Introduction to Parenting	BIO 498: Genomics Research Experience	
FAS 331: Modern Family Relationships (SB)	BIO 498: Programming for biologists	
FAS 332: Human Sexuality (SB)		
FAS 440: Fundamentals of Marriage and Family Therapy		
LSC 325: Physiological Psychology or PSY 325: Physiological Psychology or PTX 325: Physiological Psychology		
PSY 315: Personality Theory and Research (SB)		
PSY 320: Learning and Motivation		
PSY 324: Memory and Cognition		
PSY 341: Developmental Psychology (SB)		
PSY 350: Social Psychology (SB)		
<b>Computer Science Track</b>	<b>Mathematics Track</b>	<b>Social Sciences Track</b>
<b>Complete four courses from list below:</b>	<b>Complete both courses below:</b>	<b>Complete one course from list below:</b>
CSE 220: Programming for Computer Engineering or CSE 240: Introduction to Programming Languages	MAT 267: Calculus for Engineers III (MA)	ECN 425: Introduction to Econometrics
CSE 310: Data Structures and Algorithms	MAT 275: Modern Differential Equations (MA)	POS 401: Political Statistics (CS) or SGS 401: Political Statistics (CS)
CSE 365: Information Assurance	<b>Choose four elective courses from list below:</b>	<b>Choose five elective courses from list below:</b>
MAT 243: Discrete Mathematical Structures	ACT 370: Software Tools for Business Analytics	ACO 100: All About Data: Design, Query, and Visualization (CS)
<b>Choose two elective courses from list below:</b>	ACT 435: Statistics for Risk Modeling	ALA 235: Introduction to Computer Modeling (CS)
CSE 450: Design and Analysis of Algorithms	DAT 494: Bayesian Statistics	AML 253: Introduction to Mathematical Tools and Modeling for the Life and Social Sciences
CSE 467: Data and Information Security	DAT 494: Exploration and Analysis of Environmental Data	AML 441: Mathematical Concepts and Tools in Sustainability
CSE 471: Introduction to Artificial Intelligence	DAT 494: Industry Tools for Data Science	

CSE 476: Introduction to Natural Language Processing

MAT 300: Mathematical Structures (L)

MAT 353: Mathematics and Cancer

MAT 419: Introduction to Linear Optimization (CS)

MAT 420: Scientific Computing

MAT 421: Applied Computational Methods (CS)

MAT 423: Numerical Analysis I (CS)

MAT 425: Numerical Analysis II (CS)

MAT 429: Optimization

MAT 451: Mathematical Modeling (CS)

MAT 452: Introduction to Chaos and Nonlinear Dynamics

STP 310: Design and Analysis of Experiments

STP 311: Regression and Time Series Analyses

STP 420: Introductory Applied Statistics (CS) or STP 427: Mathematical Statistics

STP 421: Probability

STP 429: Applied Regression (CS)

ASB 230: Beginning Social Research (SB)

ASB 363: From Cells to Society: Understanding Complexity or BIO 363: From Cells to Society: Understanding Complexity

ASM 201: Epidemics and Outbreaks

ASM 494: Models in Social Evolution

BME 301: Numerical Methods in Biomedical Engineering

BMI 211: Modeling Biomedical Decisions

BMI 461: Advanced Topics in Biomedical Informatics I

BMI 462: Advanced Topics In Biomedical Informatics II

COM 308: Advanced Research Methods in Communication (L)

COM 407: Advanced Critical Methods in Communication

CRJ 303: Statistical Analysis (CS)

ECN 410: Applied Regression Analysis and Forecasting

ECN 416: Game Theory and Economic Behavior

ECN 441: Public Economics (SB)

ECN 445: Environmental Economics

ECN 470: Mathematical Economics

FAS 361: Applied Research Methods (L or SB)

FAS 498: Advanced Statistics for Social Sciences

FIS 335: Designing Knowledge (SB)

FIS 403: Governing Emerging Technologies (SB)

GCU 325: Geography of Europe (SB & G)

GCU 351: Population Geography (SB & G)

GCU 357: Social Geography (SB)

GCU 361: Urban Geography (SB)

GCU 364: Energy in the Global Arena (SB & G)

GCU 426: Geography of Russia and Surroundings (SB & G)

ISS 415: Knowledge Management (SB)

MKT 352: Marketing Research (L)

PAF 471: Public Policy Analysis

POS 331: Public Opinion (SB)

POS 434: Media and Politics (SB)

PUP 424: Planning Methods

PUP 481: Fundamentals of Spatial Optimization

SBS 302: Qualitative Methods

SBS 304: Social Statistics I (CS)

SBS 389: Ethnographic Field Lab

SBS 404: Social Statistics II: Multivariate Analysis (CS)

SGS 305: Empirical Political Inquiry (SB) or  
POS 301: Empirical Political Inquiry (SB)

SOS 212: Systems, Dynamics and Sustainability

SOS 424: Dynamic Modeling in Social and Ecological Systems

SOS 441: Mathematical Concepts and Tools in Sustainability or  
AML 441: Mathematical Concepts and Tools in Sustainability

STP 310: Design and Analysis of Experiments

STP 311: Regression and Time Series Analyses

STP 452: Multivariate Statistics

TWC 411: Principles of Visual Communication (L)

Spatial Sciences Track

**Complete all four courses below:**

GIS 205: Geographic Information Science I (CS)

GIS 211: Geographic Information Science II (CS)

GIS 311: Geographic Information Science III (CS)

GIS 322: Programming Principles in GIS II

**Complete one course below:**

GIS 469: Multivariate Statistics for Social Sciences

GIS 470: Advanced Statistics for Geography and Planning (CS)

GIS 471: Spatial Statistics for Geography and Planning

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**Complete one course below:**

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GIS 202: Drones to Satellites: Observing Earth from Above (CS)

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GIS 451: Geodesign and Urban Planning

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GIS 494: GIS and Public Health

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GIS 494: GIS for Climate Change Science

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GIS 494: Landscape Analysis Using GIS

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**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.














## 2023 - 2024 Major Map

### Data Science, BS

School/College: [The College of Liberal Arts and Sciences](#)



Location: [Online ASU Local](#)



LADATSCIBS

Term 1 - A 0 - 7 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ASU 101-LA: The ASU Experience	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>Select your <a href="#">Career Interest Communities</a> and play <a href="#">me3@ASU</a>.</li> </ul>
 MAT 265: Calculus for Engineers I (MA)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		
Term 1 - B 7 - 14 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 CSE 110: Principles of Programming (CS)	3	C	<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> </ul>
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	7		
Term 2 - A 14 - 20 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 MAT 266: Calculus for Engineers II (MA)	3	C	<ul style="list-style-type: none"> <li>Meet with your academic advisor to reflect on your first year of classes and map your coursework towards a timely graduation.</li> <li>Join a <a href="#">student club</a> or professional organization.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	6		
Term 2 - B 20 - 29 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 CSE 205: Object-Oriented Programming and Data Structures (CS)	3	C	<ul style="list-style-type: none"> <li>Some upper-division track courses require prerequisites. It is recommended that students consult with their advisors and use electives to complete appropriate course prerequisites.</li> </ul>
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Elective	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	9		
Term 3 - A 29 - 38 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 DAT 250: Data Science and Society	3	C	<ul style="list-style-type: none"> <li>Minimum grade of C required in all required classes in the major; grade of B or better strongly correlated with timely graduation.</li> </ul>
 MAT 343: Applied Linear Algebra	3	C	



Elective	3
Term hours subtotal:	9

- Meet with your academic advisor to discuss summer internship and/or Research Opportunities for Undergraduates (REU).

Term 3 - B 38 - 45 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	3		
 Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	7		

Term 4 - A 45 - 51 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 DAT 300: Mathematical Tools for Data Science	3	C	<ul style="list-style-type: none"> <li>• Meet with your academic advisor to discuss options for adding a minor, certificate, or concurrent major to your degree program.</li> <li>• Students must choose and complete a minimum of 21 credit hours in their selected track. Track options are Behavioral Sciences, Biosciences, Business Analytics, Social Sciences, or Spatial Sciences.</li> <li>• Some track courses may require additional prerequisites, so students will work with an assigned academic advisor in their track as well as the School of Mathematical and Statistical Sciences to select electives to satisfy necessary prerequisites.</li> </ul>
Required Track Courses	3	C	
Term hours subtotal:	6		

Term 4 - B 51 - 57 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses:			
Elective	6		
Term hours subtotal:	6		

Term 5 - A 57 - 64 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
 DAT 301: Exploring Data in R and Python	4	C	<ul style="list-style-type: none"> <li>• Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation.</li> </ul>
Upper Division Required Track Courses	3	C	
Term hours subtotal:	7		

Term 5 - B 64 - 73 Credit Hours	Hours	Minimum Grade	Notes
Required Track Courses	3	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Upper Division Elective	3		
Term hours subtotal:	9		

Term 6 - A 73 - 82 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
 DAT 401: Statistical Modeling and Inference for Data Science	3	C	
Upper Division Required Track Courses	3	C	

Social-Behavioral Sciences (SB) AND Global Awareness (G) 3

Term hours subtotal: 9

- Minimum grade of C required in all required classes in the major; grade of B or better strongly correlated with timely graduation.
- Develop your **professional online presence**.

Term 6 - B 82 - 91 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
Upper Division Required Track Courses	3	C	
Upper Division Science and Society Elective	3	C	
Social-Behavioral Sciences (SB)	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	9		

Term 7 - A 91 - 96 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ DAT 402: Machine Learning for Data Science	3	C	
Upper Division Elective	2		
Term hours subtotal:	5		

- Minimum grade of C required in all required courses; grade of B or better strongly correlated with timely graduation.
- Complete an in person or virtual **practice interview**.

Term 7 - B 96 - 105 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Required Track Courses	3	C	
Literacy and Critical Inquiry (L)	3		
Elective	3		
Term hours subtotal:	9		

Term 8 - A 105 - 111 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Elective OR DAT 484: Internship	3		
Upper Division Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	6		

- Students pursuing the Spatial Sciences track will complete a two credit hour capstone course; all other tracks require three credits of capstone coursework.

Term 8 - B 111 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ DAT 490: Data Science Capstone (L) OR Disciplinary Capstone from selected track	3-2	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Elective	3		
Term hours subtotal:	9-8		

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be

upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

- **Behavioral Sciences Track:** In cooperation with an assigned academic advisor, students must complete five required courses from the initial group of courses displayed in the track and one additional required course from the remaining list. Students must also complete three credit hours of DAT 490 or a 400-level disciplinary capstone course drawn from the CDE, FAS, or PSY subject areas.
- **Biosciences Track:** Students are required to complete BIO 439, BIO 440, a Bioethics related course from the provided list and three credit hours of DAT 490 Data Science Capstone. An additional three courses (minimum of 9 credit hours) are chosen from the remaining track electives.
- **Business Analytics Track:** Students are to complete all courses in the track plus three credit hours of DAT 490 Data Science Capstone.
- **Social Sciences Track:** In consultation with an assigned academic advisor, students will select six courses for a minimum of 18 credit hours from the track list below, at least 12 credit hours of which must be upper division. In addition, students must complete three credit hours of DAT 490 Data Science Capstone or a disciplinary-specific capstone course.
- **Spatial Sciences Track:** Students must complete six courses listed in the track. In addition, they will complete two credit hours of DAT 490 Data Science Capstone or a 400-level GIS capstone course chosen in consultation with an assigned academic advisor.

Hide Course List(s)/Track Group(s)

Behavioral Sciences Track	Biosciences Track	Business Analytics Track
<b>Complete five courses from list below:</b>	<b>Complete three courses from list below:</b>	<b>Complete all courses below:</b>
CDE 232: Human Development (SB) or FAS 101: Personal Growth and Relationships (SB) or PSY 101: Introduction to Psychology (SB)	BIO 312: Bioethics (HU) or PHI 320: Bioethics (HU) or BIO 316: History of Biology: Conflicts and Controversies (H) or HPS 330: History of Biology: Conflicts and Controversies (H) or BIO 317: History of Science II (HU & H) or HPS 323: History of Science II (HU & H) or BIO 318: History of Medicine (HU & H) or HPS 331: History of Medicine (HU & H) or BIO 416: Biomedical Research Ethics (L) or HPS 410: Biomedical Research Ethics (L)	CIS 235: Introduction to Information Systems
PSY 290: Research Methods (L or SG) or FAS 361: Applied Research Methods (L or SB)	BIO 439: Computing for Research	CIS 407: Business Database Systems Development
PSY 330: Statistical Methods (CS)	BIO 440: Functional Genomics or MBB 440: Functional Genomics	CIS 409: Business Data Warehouses and Dimensional Modeling
PSY 498: Data Mining in the Behavioral Sciences	<b>Choose three elective courses from list below:</b>	CIS 412: Business Data Mining
SOC 390: Social Statistics I (CS)	BIO 355: Introduction to Computational Molecular Biology (CS)	CIS 415: Big Data Analytics in Business
<b>Choose one elective course from list below:</b>	BIO 411: Quantitative Methods in Conservation and Ecology	WPC 300: Problem Solving and Actionable Analytics
CDE 312: Adolescence (SB)	BIO 415: Statistical Models for Biology (CS)	
CDE 418: Aging and the Life Course (SB & H)	BIO 494: Data Analysis in Neuroscience	
CDE 430: Infant and Toddler Development in the Family (SB)	BIO 498: Genomics Research Experience	
CDE 450: Childhood Disorders and Family Functioning (L)		
FAS 301: Introduction to Parenting		
FAS 331: Modern Family Relationships (SB)		
FAS 332: Human Sexuality (SB)		
PSY 315: Personality Theory and Research (SB)		
PSY 320: Learning and Motivation		



PSY 324: Memory and Cognition	
PSY 341: Developmental Psychology (SB)	
PSY 350: Social Psychology (SB)	
<b>Social Sciences Track</b>	<b>Spatial Sciences Track</b>
<b>Complete one course from list below:</b>	<b>Complete all four courses below:</b>
POS 401: Political Statistics (CS) or SGS 401: Political Statistics (CS)	GIS 205: Geographic Information Science I (CS)
<b>Choose five elective courses from list below:</b>	GIS 211: Geographic Information Science II (CS)
ACO 100: All About Data: Design, Query, and Visualization (CS)	GIS 311: Geographic Information Science III (CS)
ASM 201: Epidemics and Outbreaks	GIS 322: Programming Principles in GIS II
COM 308: Advanced Research Methods in Communication (L)	<b>Complete one course below:</b>
COM 407: Advanced Critical Methods in Communication	GIS 469: Multivariate Statistics for Social Sciences
CRJ 303: Statistical Analysis (CS)	GIS 470: Advanced Statistics for Geography and Planning (CS)
ECN 410: Applied Regression Analysis and Forecasting	GIS 471: Spatial Statistics for Geography and Planning
ECN 441: Public Economics (SB)	<b>Complete one course below:</b>
FAS 361: Applied Research Methods (L or SB)	GIS 202: Drones to Satellites: Observing Earth from Above (CS)
GCU 325: Geography of Europe (SB & G)	GIS 451: Geodesign and Urban Planning
GCU 426: Geography of Russia and Surroundings (SB & G)	GIS 494: GIS and Public Health
MKT 352: Marketing Research (L)	GIS 494: GIS for Climate Change Science
PUP 424: Planning Methods	GIS 494: Landscape Analysis Using GIS
SGS 305: Empirical Political Inquiry (SB) or POS 301: Empirical Political Inquiry (SB)	
SOS 212: Systems, Dynamics and Sustainability	
TWC 411: Principles of Visual Communication (L)	

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
  - Mathematics Placement Assessment score determines placement in first mathematics course.

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

#### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map




### Earth and Environmental Studies, BA

School/College: [The College of Liberal Arts and Sciences](#)



Location: [Tempe](#)



LAESBA



Term 1 0 - 14 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 Mathematics (MA)	3	C	<ul style="list-style-type: none"> <li>• Students who place into MAT 170 should take the course in term 1 to complete the MA requirement.</li> <li>• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>• SESE majors are strongly encouraged to seek faculty mentoring at least once during their first and second year. Students can find their faculty mentor on the <a href="#">SESE advising website</a>.</li> <li>• Select your <b>career interest area</b> and play <a href="mailto:me3@asu.edu">me3@ASU</a>.</li> <li>• Activate your <b>Handshake account</b> and build out your profile.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
GLG 110: Dangerous World (SQ & G) AND GLG 111: Dangerous World Laboratory (SQ)	4	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Term hours subtotal:	14		

Term 2 14 - 28 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 170: Precalculus (MA) OR MAT 210: Brief Calculus (MA) OR MAT 251: Calculus for Life Sciences (MA) OR MAT 265: Calculus for Engineers I (MA) OR MAT 270: Calculus with Analytic Geometry I (MA)	3-4	C	<ul style="list-style-type: none"> <li>• <b>ASU Language Placement:</b> Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.</li> <li>• SESE majors are strongly encouraged to seek faculty mentoring at least once during their first and second year. Students can find their faculty mentor on the <a href="#">SESE advising website</a>.</li> <li>• Join a <b>student club</b> or professional organization.</li> <li>• Create a first draft <b>resume</b>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
GLG 108: Water Planet (SQ)	4	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Milestone: Complete SESE faculty mentoring.			
Term hours subtotal:	14-15		

Term 3 28 - 42 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
			<ul style="list-style-type: none"> <li>• SESE majors are strongly encouraged to seek faculty mentoring at least once during their first and second year.</li> </ul>

 CHM 107: Chemistry and Society (SQ) AND CHM 108: Chemistry and Society Laboratory (SQ) OR CHM 101: Introductory Chemistry (SQ) OR CHM 113: General Chemistry I (SQ) OR CHM 114: General Chemistry for Engineers (SQ)	4	C	Students can find their faculty mentor on the <a href="#">SESE advising website</a> . • Develop your <a href="#">skills</a> .
GIS 205: Geographic Information Science I (CS)	3	C	
SES 220: Biology of a Changing Earth	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
 Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	14		

Term 4 42 - 58 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 STP 231: Statistics for Life Science (CS) OR GIS 270: Statistics for Geography and Planning OR STP 226: Elements of Statistics (CS)	3	C	<ul style="list-style-type: none"> <li>• SESE majors are strongly encouraged to seek faculty mentoring at least once during their first and second year. Students can find their faculty mentor on the <a href="#">SESE advising website</a>.</li> <li>• Explore an <a href="#">internship</a>.</li> </ul>
SES 225: Global Biogeochemical Cycles	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Literacy and Critical Inquiry (L)	3		
Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3		
Milestone: Complete SESE faculty mentoring.			
Term hours subtotal:	16		

Term 5 58 - 74 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 GLG 325: Oceanography	3	C	<ul style="list-style-type: none"> <li>• Students are strongly encouraged to meet with SESE faculty advisors to discuss career options.</li> </ul>
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	16		

Term 6 74 - 89 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 GLG 305: Dynamic Earth	3	C	<ul style="list-style-type: none"> <li>• Research <a href="#">career opportunities</a>.</li> <li>• The list of approved major track electives along with their prerequisites may be viewed on the <a href="#">SESE website</a>. At least two of the major track electives must be 400-level.</li> <li>• Students should meet with an advisor to do a graduation check.</li> </ul>
Complete 2 courses: Upper Division Earth and Environmental Studies (EES) Major Track Electives	6	C	
Humanities, Arts and Design (HU)	3		
Upper Division Elective	3		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 89 - 104 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
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★ GLG 327: Earth's Critical Zone	3	C
<i>Complete 2 courses:</i>		
Upper Division Earth and Environmental Studies (EES) Major Track Electives	6	C
Upper Division Literacy and Critical Inquiry (L)	3	
Upper Division Elective OR SES 484: Internship OR SES 499: Individualized Instruction	3	
Term hours subtotal:	15	

- If not already completed, students should meet with an advisor to do a graduation check.
- Explore a research or **internship** opportunity. In order to earn credits for research or an internship, students should work with their SESE advisor for approval.
- Use Handshake to research **employment opportunities**.
- The list of approved major track electives along with their prerequisites may be viewed on the **SESE website**. At least two of the major track electives must be 400-level.

Term 8 104 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ GLG 464: Solving Environmental Problems	3	C	<ul style="list-style-type: none"> <li>• The list of approved major track electives along with their prerequisites may be viewed on the <b>SESE website</b>. At least two of the major track electives must be 400-level.</li> </ul>
Upper Division Earth and Environmental Studies (EES) Major Track Electives	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Elective	3		
<i>Complete 2 courses:</i>	4		
Elective			
Term hours subtotal:	16		

- For the Earth and Environmental Studies Track Electives, students are encouraged to choose a track but they also have the option to choose any combination of courses across multiple tracks. Regardless of the chosen track, at least two of the Earth and Environmental Studies Track Electives must be 400-level.
- Each of the focused tracks has overlap with a related certificate program that students can choose to pursue along with the chosen track. Students should discuss this option and how to add a certificate with their academic advisor.

Hide Course List(s)/Track Group(s)

Earth and Environmental Studies General Elective Track	Climate/Environmental Change Track	Earth Resources Track
<p>This track includes all of the courses in the following tracks: 1) Climate/Environmental Change, 2) Earth Resources, 3) Environmental Education, 4) Environmental Management, 5) Environmental Policy and 6) Sustainability. While students are encouraged to pick a focused track, students may choose not to focus on one of the above tracks and may select courses across multiple tracks. Of the five major elective courses required, at least two of the courses must be 400-level.</p>	ABS 350: Applied Statistics (CS)	ABS 350: Applied Statistics (CS)
	ASB 326: Human Impacts on Ancient Environments (SB & H)	ERM 428: International Environmental Management (G)
	ASB 375: Humans and the Environment: What's the Connection? ((L or SB) & G)	GCU 364: Energy in the Global Arena (SB & G)
	ERM 426: Environmental Issues	GIS 311: Geographic Information Science III (CS)
	ERM 428: International Environmental Management (G)	GIS 322: Programming Principles in GIS II
	FIS 444: Environment and Justice (L & C)	GIS 341: Cartography and Georepresentation (CS)
	GLG 362: Geomorphology	GIS 470: Advanced Statistics for Geography and Planning (CS)
GLG 435: Sedimentology and Stratigraphy		
GLG 470: Hydrogeology		

GPH 314: Global Change (HU & G)	GLG 301: Earth Science in Arizona and the Southwest
GPH 414: Climate Change (G)	GLG 304: Minerals, Energy, and Society
JUS 332: Politics of Energy Policy and Justice	GLG 310: Structural Geology
JUS 444: Environment and Justice (L & C)	GLG 321: Mineralogy
PUP 442: Environmental Planning	GLG 424: Petrology
SOS 314: Basic Energy Science	GLG 435: Sedimentology and Stratigraphy
SOS 320: Society and Sustainability (L or SB)	GLG 441: Ore Deposits
SOS 324: Sustainable Energy Technology and Systems	GLG 470: Hydrogeology
SOS 326: Sustainable Ecosystems	GPH 381: Geography of Natural Resources (G)
SOS 375: Humans and the Environment: What's the Connection? ((L or SB) & G)	SOS 320: Society and Sustainability (L or SB)
SOS 444: Climate Change, Society and Sustainability	SOS 324: Sustainable Energy Technology and Systems
STP 420: Introductory Applied Statistics (CS)	SOS 325: The Economics of Sustainability
	SOS 372: Earth Science in Arizona and the Southwest
	SOS 373: Minerals, Energy, and Society
	STP 420: Introductory Applied Statistics (CS)

Environmental Education Track	Environmental Management Track	Environmental Policy Track
ABS 302: Ethical and Policy Issues in Biology	ABS 350: Applied Statistics (CS)	ABS 302: Ethical and Policy Issues in Biology
BIO 324: Environmental Ethics (HU)	BIO 324: Environmental Ethics (HU)	ABS 350: Applied Statistics (CS)
ENG 371: Rhetoric of the Environmental Movement	BIO 412: Conservation in Practice	BIO 324: Environmental Ethics (HU)
ERM 426: Environmental Issues	CEE 400: Earth Systems Engineering and Management ((L or HU) & H)	BIO 412: Conservation in Practice
FIS 444: Environment and Justice (L & C)	ERM 426: Environmental Issues	ENG 371: Rhetoric of the Environmental Movement
GPH 314: Global Change (HU & G)	ERM 428: International Environmental Management (G)	ERM 426: Environmental Issues
GPH 381: Geography of Natural Resources (G)	GIS 311: Geographic Information Science III (CS)	ERM 428: International Environmental Management (G)
GPH 414: Climate Change (G)	GIS 322: Programming Principles in GIS II	FIS 334: Science, Technology and Inequality (C)
JUS 332: Politics of Energy Policy and Justice	GIS 341: Cartography and Georepresentation (CS)	FIS 444: Environment and Justice (L & C)
JUS 444: Environment and Justice (L & C)	GIS 470: Advanced Statistics for Geography and Planning (CS)	HST 345: Environmental History (L)
JUS 456: Human Rights and Sustainability ((L or SB) & G)	GLG 304: Minerals, Energy, and Society	JUS 332: Politics of Energy Policy and Justice
PHI 310: Environmental Ethics (HU)	GLG 362: Geomorphology	JUS 334: Science, Technology and Inequality (C)
POS 300: Contemporary Global Controversies (SB & G)	GLG 470: Hydrogeology	JUS 444: Environment and Justice (L & C)
PUP 442: Environmental Planning	GPH 314: Global Change (HU & G)	PHI 310: Environmental Ethics (HU)

SCN 300: Foundations of Environmental Education	GPH 381: Geography of Natural Resources (G)	POS 300: Contemporary Global Controversies (SB & G)
SCN 302: Environmental Education: A Global Perspective (L & G)	GPH 414: Climate Change (G)	PUP 442: Environmental Planning
SCN 307: Biomimicry: Nature's Sustainable Solutions (G)	HST 345: Environmental History (L)	SOC 331: Environmental Sociology (SB & G)
SCN 308: Urban Environmental Education	PHI 310: Environmental Ethics (HU)	SOS 315: Energy Policy
SCN 310: Biodiversity Conservation: An Educational Inquiry	POS 300: Contemporary Global Controversies (SB & G)	SOS 320: Society and Sustainability (L or SB)
SCN 401: Sustainability Science, Technology, and Society	PUP 301: Introduction to Urban Planning (L)	SOS 321: Policy and Governance in Sustainable Systems
SOS 444: Climate Change, Society and Sustainability	PUP 442: Environmental Planning	SOS 323: Sustainable Urban Dynamics
SOS 456: Human Rights and Sustainability ((L or SB) & G)	SOS 373: Minerals, Energy, and Society	SOS 324: Sustainable Energy Technology and Systems
	STP 420: Introductory Applied Statistics (CS)	SOS 444: Climate Change, Society and Sustainability
		STP 420: Introductory Applied Statistics (CS)
<b>Sustainability Track</b>		
ABS 350: Applied Statistics (CS)		
ASB 326: Human Impacts on Ancient Environments (SB & H)		
FIS 444: Environment and Justice (L & C)		
GCU 364: Energy in the Global Arena (SB & G)		
GLG 304: Minerals, Energy, and Society		
HST 345: Environmental History (L)		
JUS 332: Politics of Energy Policy and Justice		
JUS 444: Environment and Justice (L & C)		
JUS 456: Human Rights and Sustainability ((L or SB) & G)		
SCN 401: Sustainability Science, Technology, and Society		
SOS 300: Advanced Concepts and Integrated Approaches in Sustainability		
SOS 310: Equity, Justice and Sustainability		
SOS 314: Basic Energy Science		
SOS 315: Energy Policy		
SOS 320: Society and Sustainability (L or SB)		
SOS 321: Policy and Governance in Sustainable Systems		
SOS 323: Sustainable Urban Dynamics		
SOS 324: Sustainable Energy Technology and Systems		

SOS 325: The Economics of Sustainability

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SOS 326: Sustainable Ecosystems

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SOS 327: Sustainable Food & Farms

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SOS 373: Minerals, Energy, and Society

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SOS 444: Climate Change, Society and Sustainability

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SOS 456: Human Rights and Sustainability ((L or SB) & G)

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STP 420: Introductory Applied Statistics (CS)

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**Notes:**

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.





## 2023 - 2024 Major Map




### Earth and Space Exploration, BS

School/College: [The College of Liberal Arts and Sciences](#)





Location: [Tempe](#)




LASESBS



Term 1 0 - 14 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 Mathematics (MA)	3	C	<ul style="list-style-type: none"> <li>Students who place into MAT 265 should take the course in term 1 to complete the MA requirement.</li> <li>LIA 101 is mandatory for all incoming first-year students.</li> <li>SESE will accept Calculus with Analytic Geometry I, II and III (MAT 270/271/272) in place of MAT 265/266/267.</li> <li>SESE majors are strongly encouraged to meet with their faculty mentor at least once during their first and second year. Students can find their faculty mentor on the <a href="#">SESE advising website</a>.</li> <li>Select your <a href="#">career interest area</a> and play <a href="#">me3@ASU</a>.</li> <li>Activate your <a href="#">Handshake account</a> and build out your profile.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
SES 121: Earth, Solar System and Universe (SQ) AND SES 123: Earth, Solar System and Universe Laboratory (SQ)	4	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	14		




Term 2 14 - 28 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 265: Calculus for Engineers I (MA)	3	C	<ul style="list-style-type: none"> <li>Students in this major have a choice between taking SES 122/SES 124 or SES 126/SES 128. Students should take SES 122/SES 124 if they are interested in exploring the Earth and other objects in our solar system. Students should take SES 126/SES 128 if their interests are in exploration outside of the solar system.</li> <li>SESE will accept Calculus with Analytic Geometry I, II and III (MAT 270/271/272) in place of MAT 265/266/267.</li> <li>SESE will accept CHM 114 or both CHM 113 and CHM 116 to meet the chemistry requirement.</li> <li>SESE majors are strongly encouraged to meet with their faculty mentor at least once during their first and second year. Students can find their faculty mentor on the <a href="#">SESE advising website</a>.</li> </ul>
CHM 114: General Chemistry for Engineers (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
SES 122: History of the Earth and Solar System AND SES 124: History of the Earth and Solar System Laboratory OR SES 126: Exploration of the Universe AND SES 128: Exploration of the Universe Lab	4	C	
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Milestone: Complete SESE faculty mentoring.			
Term hours subtotal:	14		

- Join a **student club** or professional organization.
- Create a first draft **resume**.

Term 3 28 - 44 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 266: Calculus for Engineers II (MA)	3	C	<ul style="list-style-type: none"> <li>• SESE will accept Calculus with Analytic Geometry I, II and III (MAT 270/271/272) in place of MAT 265/266/267.</li> <li>• SESE majors are strongly encouraged to meet with their faculty mentor at least once during their first and second year. Students can find their faculty mentor on the <b>SESE advising website</b>.</li> <li>• Develop your <b>skills</b>.</li> </ul>
 PHY 121: University Physics I: Mechanics (SQ) AND PHY 122: University Physics Laboratory I (SQ)	4	C	
SES 230: Coding for Exploration (CS)	3	C	
Literacy and Critical Inquiry (L)	3		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
 Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		

Term 4 44 - 60 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 267: Calculus for Engineers III (MA)	3	C	<ul style="list-style-type: none"> <li>• SESE will accept Calculus with Analytic Geometry I, II and III (MAT 270/271/272) in place of MAT 265/266/267.</li> <li>• SESE majors are strongly encouraged to meet with their faculty mentor at least once during their first and second year. Students can find their faculty mentor on the <b>SESE advising website</b>.</li> <li>• Explore an <b>internship</b></li> </ul>
 PHY 131: University Physics II: Electricity and Magnetism (SQ) AND PHY 132: University Physics Laboratory II (SQ)	4	C	
Science and Society Elective	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Elective	3		
Milestone: Complete SESE faculty mentoring.			
Term hours subtotal:	16		

Term 5 60 - 75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 SES 350: Engineering Systems and Experimental Problem Solving	3	C	<ul style="list-style-type: none"> <li>• Students need two upper-division electives for the major (six credits total). Electives may be chosen from the branch course list or students may take any other upper-division GLG or SES or AST courses offered by the School of Earth and Space Exploration, excluding GLG 300 or GLG 400/SES 401.</li> <li>• Students should meet with faculty advisor to discuss research opportunities.</li> </ul>
MAT 275: Modern Differential Equations (MA)	3	C	
Upper Division SES Branch Course	3	C	
SES OR GLG OR AST Upper Division Elective	3	C	
Elective	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 Upper Division SES Branch Course	3	C	<ul style="list-style-type: none"> <li>• Explore a research or <b>internship</b> opportunity. In order to earn credits for research or an internship, students should work with their SESE advisor for approval. Students who hope to go to graduate school should consider getting involved in research. Students should talk to faculty mentors about how to find research opportunities.</li> <li>• Students interested in graduate school should be researching programs and preparing application materials. Continue to meet with faculty advisor for input along the way.</li> </ul>
SES OR GLG OR AST Upper Division Elective	3	C	
Upper Division Science and Society Elective	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Upper Division Elective OR SES 484: Internship OR SES 499: Individualized Instruction	3		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

- Students should meet with an advisor to do a graduation check.
- Use Handshake to research **employment opportunities**.

Term 7 90 - 106 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ SES 410: Senior Exploration Project I	3	C	<ul style="list-style-type: none"> <li>• Students interested in graduate school should be researching programs and preparing application materials. Continue to meet with faculty advisor for input along the way.</li> <li>• If not already completed, students should meet with an advisor to do a graduation check.</li> <li>• Apply for <b>full-time career opportunities</b>.</li> </ul>
SES 401: Earth and Space Exploration Colloquium	1	C	
Upper Division SES Branch Course	3	C	
Humanities, Arts and Design (HU)	3		
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	16		

Term 8 106 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ SES 411: Senior Exploration Project II	3	C	
Upper Division SES Branch Course	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Elective	2		
Elective	3		
Term hours subtotal:	14		

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/student-resources/science-society>. At least one of the two courses must be upper division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Upper Division SES Branch Courses
AST 321: Introduction to Planetary and Stellar Astrophysics
AST 322: Introduction to Galactic and Extragalactic Astrophysics
GLG 310: Structural Geology
GLG 321: Mineralogy
GLG 418: Geophysics
GLG 424: Petrology
GLG 471: Hydrology
GLG 481: Geochemistry
GLG 490: Remote Sensing

SES 311: Essentials of Astrobiology:  
Exploration for Life in the Universe

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SES 330: Practical Electronics and  
Instrumentation

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SES 405: Exploration Systems Engineering

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**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map





### Earth and Space Exploration (Astrobiology and Biogeosciences), BS

School/College: [The College of Liberal Arts and Sciences](#)





Location: [Tempe](#)



LASESABBS



Term 1 0 - 14 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 Mathematics (MA)	3	C	<ul style="list-style-type: none"> <li>Students who place into MAT 265 should take the course in term 1 to complete the MA requirement.</li> <li>LIA 101 is mandatory for all incoming first-year students.</li> <li>SESE will accept Calculus with Analytic Geometry I, II and III (MAT 270/271/272) in place of MAT 265/266/267.</li> <li>SESE majors are strongly encouraged to meet with their faculty mentor at least once during their first and second year. Students can find their faculty mentor on the <a href="#">SESE advising website</a>.</li> <li>Select your <a href="#">career interest area</a> and play <a href="#">me3@ASU</a>.</li> <li>Activate your <a href="#">Handshake account</a> and build out your profile.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
SES 121: Earth, Solar System and Universe (SQ) AND SES 123: Earth, Solar System and Universe Laboratory (SQ)	4	C	
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Term hours subtotal:	14		




Term 2 14 - 28 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CHM 113: General Chemistry I (SQ)	4	C	<ul style="list-style-type: none"> <li>Students in this major have a choice between taking SES 122/SES 124 or SES 126/SES 128 in their second semester. SES 122/124 has an earth-based focus and SES 126/128 has a space-based focus. Students interested in exoplanets and the potential for life on other worlds should take SES 126/SES 128. Students interested in life in extreme environments and the origins of life should take SES 122/SES 124.</li> <li>SESE will accept Calculus with Analytic Geometry I, II and III (MAT 270/271/272) in place of MAT 265/266/267.</li> <li>SESE majors are strongly encouraged to meet with their faculty mentor at least once during their first and second year. Students can find their faculty mentor on the <a href="#">SESE advising website</a>.</li> </ul>
 MAT 265: Calculus for Engineers I (MA)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
SES 122: History of the Earth and Solar System AND SES 124: History of the Earth and Solar System Laboratory OR SES 126: Exploration of the Universe AND SES 128: Exploration of the Universe Lab	4	C	
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s). Milestone: Complete SESE faculty mentoring.			
Term hours subtotal:	14		

- Join a **student club** or professional organization.
- Create a first draft **resume**.

Term 3 28 - 42 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CHM 116: General Chemistry II (SQ)	4	C	<ul style="list-style-type: none"> <li>• SESE will accept Calculus with Analytic Geometry I, II and III (MAT 270/271/272) in place of MAT 265/266/267.</li> <li>• SESE majors are strongly encouraged to meet with their faculty mentor at least once during their first and second year. Students can find their faculty mentor on the <b>SESE advising website</b>.</li> <li>• Develop your <b>skills</b>.</li> </ul>
 MAT 266: Calculus for Engineers II (MA)	3	C	
BIO 181: General Biology I (SQ)	4	C	
SES 230: Coding for Exploration (CS)	3	C	
 Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	14		

Term 4 42 - 59 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 267: Calculus for Engineers III (MA)	3	C	<ul style="list-style-type: none"> <li>• SESE will accept Calculus with Analytic Geometry I, II and III (MAT 270/271/272) in place of MAT 265/266/267.</li> <li>• SESE majors are strongly encouraged to meet with their faculty mentor at least once during their first and second year. Students can find their faculty mentor on the <b>SESE advising website</b>.</li> <li>• Explore an <b>internship</b>.</li> </ul>
BIO 182: General Biology II (SG)	4	C	
PHY 121: University Physics I: Mechanics (SQ) AND PHY 122: University Physics Laboratory I (SQ)	4	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Science and Society Elective	3	C	
Milestone: Complete SESE faculty mentoring.			
Term hours subtotal:	17		

Term 5 59 - 75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 GLG 321: Mineralogy	3	C	<ul style="list-style-type: none"> <li>• Students should start meeting with faculty to discuss research opportunities</li> </ul>
PHY 131: University Physics II: Electricity and Magnetism (SQ) AND PHY 132: University Physics Laboratory II (SQ)	4	C	
Upper Division Astrobiology & Biogeosciences Major Elective	3	C	
Literacy and Critical Inquiry (L)	3		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	16		

Term 6 75 - 90 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 GLG 481: Geochemistry	3	C	<ul style="list-style-type: none"> <li>• Explore a research or <b>internship</b> opportunity. In order to earn credits for research or an internship, students should work with their SESE advisor for approval. Students who hope to go to graduate school should consider getting involved in research. Students should talk to faculty mentors about how to find research opportunities.</li> <li>• Use Handshake to research <b>employment opportunities</b>.</li> <li>• Students interested in graduate school should be researching programs and preparing application materials. Continue to meet with faculty for input along the way.</li> </ul>
SES 311: Essentials of Astrobiology: Exploration for Life in the Universe	3	C	
Humanities, Arts and Design (HU)	3		
Elective	3		
Upper Division Elective OR SES 484: Internship OR SES 499: Individualized Instruction	3		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

- Students should meet with an advisor to do a graduation check.

Term 7 90 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ SES 410: Senior Exploration Project I	3	C	<ul style="list-style-type: none"> <li>• Students interested in graduate school should be researching programs and preparing application materials. Continue to meet with faculty for input along the way.</li> <li>• Apply for <b>full-time career opportunities</b>.</li> <li>• If not already completed, students should meet with an advisor to do a graduation check.</li> </ul>
Upper Division Astrobiology & Biogeosciences Major Elective	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Upper Division Science and Society Elective	3	C	
Upper Division Elective	3		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ SES 411: Senior Exploration Project II	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Complete 3 courses:	9		
Upper Division Elective			
Term hours subtotal:	15		

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/student-resources/science-society>. At least one of the two courses must be upper division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Upper Division Astrobiology & Biogeosciences Major Electives
AST 321: Introduction to Planetary and Stellar Astrophysics
BIO 320: Fundamentals of Ecology
BIO 340: General Genetics
BIO 345: Evolution
GLG 404: Fundamentals of Planetary Geology
GLG 430: Paleontology
GLG 435: Sedimentology and Stratigraphy
GLG 460: Astrobiology
GLG 461: Geomicrobiology
GLG 485: Meteorites and Cosmochemistry
GLG 489: Field Geochemistry (L)
GLG 490: Remote Sensing

**Notes:**

- - **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
  - **Mathematics Placement Assessment** score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.





## 2023 - 2024 Major Map





### Earth and Space Exploration (Astrophysics), BS



School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe](#)

LASESABS

Term 1 0 - 15 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 270: Calculus with Analytic Geometry I (MA)	4	C	<ul style="list-style-type: none"> <li>LIA 101 is mandatory for all first-year students.</li> <li>SESE will accept Calculus for Engineers I, II and III (MAT 265/266/267) as alternatives although MAT 270, 271 and 272 are encouraged.</li> <li>SESE majors are strongly encouraged to meet with their faculty mentor at least once during their first and second year. Students can find their faculty mentor on the <a href="#">SESE advising website</a>.</li> <li>Select your <a href="#">career interest area</a> and play <a href="#">me3@ASU</a>.</li> <li>Activate your <a href="#">Handshake account</a> and build out your profile.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
SES 121: Earth, Solar System and Universe (SQ) AND SES 123: Earth, Solar System and Universe Laboratory (SQ)	4	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	15		

Term 2 15 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 271: Calculus with Analytic Geometry II (MA)	4	C	<ul style="list-style-type: none"> <li>SESE will accept Calculus for Engineers I, II and III (MAT 265/266/267) as alternatives although MAT 270, 271 and 272 are encouraged.</li> <li>SESE will accept PHY 121/122 and PHY 131/132 as alternatives although PHY 150 and PHY 151 are encouraged.</li> <li>SESE majors are strongly encouraged to meet with their faculty mentor at least once during their first and second year. Students can find their faculty mentor on the <a href="#">SESE advising website</a>.</li> <li>Join a <a href="#">student club</a> or professional organization.</li> <li>Create a first draft <a href="#">resume</a>.</li> </ul>
 PHY 150: Physics I (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
SES 126: Exploration of the Universe AND SES 128: Exploration of the Universe Lab	4	C	
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s). Milestone: Complete SESE faculty mentoring.			
Term hours subtotal:	15		

Term 3 30 - 44 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 272: Calculus with Analytic Geometry III (MA)	4	C	<ul style="list-style-type: none"> <li>SESE will accept Calculus for Engineers I, II and III (MAT 265/266/267) as alternatives</li> </ul>

❖ PHY 151: Physics II (SQ)	4	C
SES 230: Coding for Exploration (CS)	3	C
Humanities, Arts and Design (HU)	3	
❖ Complete First-Year Composition requirement.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	14	

although MAT 270, 271 and 272 are encouraged.

- SESE will accept PHY 121/122 and PHY 131/132 as alternatives although PHY 150 and PHY 151 are encouraged.
- SESE majors are strongly encouraged to meet with their faculty mentor at least once during their first and second year. Students can find their faculty mentor on the [SESE advising website](#).
- Develop your **skills**.

Term 4 44 - 60 Credit Hours Critical course signified by ❖	Hours	Minimum Grade	Notes
❖ PHY 201: Mathematical Methods in Physics I (CS)	3	C	<ul style="list-style-type: none"> <li>• SESE majors are strongly encouraged to meet with their faculty mentor at least once during their first and second year. Students can find their faculty mentor on the <a href="#">SESE advising website</a>.</li> <li>• Explore an <b>internship</b>.</li> </ul>
❖ PHY 252: Physics III (SQ)	4	C	
Science and Society Elective	3	C	
Literacy and Critical Inquiry (L)	3		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Milestone: Complete SESE faculty mentoring.			
Term hours subtotal:	16		

Term 5 60 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ AST 321: Introduction to Planetary and Stellar Astrophysics	3	C	<ul style="list-style-type: none"> <li>• Students should meet with faculty to discuss research opportunities</li> </ul>
MAT 275: Modern Differential Equations (MA)	3	C	
PHY 314: Quantum Physics I	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Elective	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ AST 322: Introduction to Galactic and Extragalactic Astrophysics	3	C	<ul style="list-style-type: none"> <li>• Explore a research or <b>internship</b> opportunity. In order to earn credits for an internship, students should work with their SESE advisor for approval. Students who hope to go to graduate school should consider getting involved in research. Students can talk to faculty mentors about how to find research opportunities.</li> <li>• Students interested in graduate school should be researching programs and preparing application materials. Continue to meet with faculty for input along the way.</li> <li>• Students should meet with an advisor to do a graduation check.</li> <li>• Use Handshake to research <b>employment opportunities</b>.</li> </ul>
★ AST 421: Astrophysics I	3	C	
Upper Division Astrophysics Major Elective	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Upper Division Elective OR SES 484: Internship OR SES 499: Individualized Instruction	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 106 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ AST 422: Astrophysics II	3	C	<ul style="list-style-type: none"> <li>• Students interested in graduate school should be researching programs and preparing</li> </ul>

★ SES 410: Senior Exploration Project I	3	C
AST 498: Pro-Seminar	1	C
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3	
Complete 2 courses: Elective	6	
Term hours subtotal:	16	

application materials. Continue to meet with faculty for input along the way.

- If not already completed, students should meet with an advisor to do a graduation check.
- Apply for **full-time career opportunities**.

Term 8 106 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ SES 411: Senior Exploration Project II	3	C	
Upper Division Science and Society Elective	3	C	
Complete 3 courses: Upper Division Elective	8		
Term hours subtotal:	14		

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/student-resources/science-society>. At least one of the two courses must be upper division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.
- The suggested list of electives are highly recommended but not required. Students who plan to take the physics GRE are encouraged to choose electives from the PHY options. There is also an option to choose an elective in other GLG, AST, SES, PHY or MAT areas as long as the subject is relevant to astrophysics and the course is upper division. Students should consult with a SESE advisor if they have questions about which courses would satisfy this requirement.

Hide Course List(s)/Track Group(s)

Upper Division Astrophysics Major Elective
GLG OR AST OR SES OR PHY OR MAT Upper Division Elective
GLG 404: Fundamentals of Planetary Geology
PHY 302: Mathematical Methods in Physics II
PHY 310: Classical Particles, Fields, and Matter I
PHY 311: Classical Particles, Fields, and Matter II
PHY 312: Mechanics and Electromagnetism
PHY 315: Quantum Physics II
PHY 361: Introductory Modern Physics
PHY 441: Statistical and Thermal Physics
SES 311: Essentials of Astrobiology: Exploration for Life in the Universe

**Notes:**

- - **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
  - **Mathematics Placement Assessment** score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map





### Earth and Space Exploration (Exploration Systems Design), BS

School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe](#)

LASESESDBS

Term 1 0 - 14 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 265: Calculus for Engineers I (MA)	3	C	<ul style="list-style-type: none"> <li>• LIA 101 is mandatory for all incoming first-year students.</li> <li>• SESE will accept Calculus with Analytic Geometry I, II and III (MAT 270/271/272) in place of MAT 265/266/267.</li> <li>• SESE majors are strongly encouraged to meet with their faculty mentor at least once during their first and second year. Students can find their faculty mentor on the <a href="#">SESE advising website</a>.</li> <li>• Select your <a href="#">career interest area</a> and <a href="#">play me3@ASU</a>.</li> <li>• Activate your <a href="#">Handshake account</a> and build out your profile.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
SES 100: Introduction to Exploration (CS)	3	C	
SES 121: Earth, Solar System and Universe (SQ) AND SES 123: Earth, Solar System and Universe Laboratory (SQ)	4	C	
Term hours subtotal:	14		

Term 2 14 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 266: Calculus for Engineers II (MA)	3	C	<ul style="list-style-type: none"> <li>• SESE will accept Calculus with Analytic Geometry I, II and III (MAT 270/271/272) in place of MAT 265/266/267.</li> <li>• Students in this major have a choice between taking SES 122/SES 124 or SES 126/SES 128 in their second semester. SES 122/124 has an earth-based focus and SES 126/128 has a space-based focus. Students should take SES 122/SES 124 if they are interested in exploring the Earth and other objects in our solar system, or take SES 126/SES 128 if their interests are in exploration outside of the solar system.</li> <li>• SESE majors are strongly encouraged to meet with their faculty mentor at least once during their first and second year. Students can find their faculty mentor on the <a href="#">SESE advising website</a>.</li> <li>• Join a <a href="#">student club</a> or professional organization.</li> <li>• Create a first draft <a href="#">resume</a>.</li> </ul>
 PHY 121: University Physics I: Mechanics (SQ) AND PHY 122: University Physics Laboratory I (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
SES 122: History of the Earth and Solar System AND SES 124: History of the Earth and Solar System Laboratory OR SES 126: Exploration of the Universe AND SES 128: Exploration of the Universe Lab	4	C	
Elective	2		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s). Milestone: Complete SESE faculty mentoring.			
Term hours subtotal:	16		

Term 3 30 - 46 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
⚠ MAT 267: Calculus for Engineers III (MA)	3	C	<ul style="list-style-type: none"> <li>• SESE will accept Calculus with Analytic Geometry I, II and III (MAT 270/271/272) in place of MAT 265/266/267.</li> <li>• SESE majors are strongly encouraged to meet with their faculty mentor at least once during their first and second year. Students can find their faculty mentor on the <a href="#">SESE advising website</a>.</li> <li>• Develop your <b>skills</b>.</li> </ul>
⚠ MAT 275: Modern Differential Equations (MA)	3	C	
⚠ PHY 131: University Physics II: Electricity and Magnetism (SQ) AND PHY 132: University Physics Laboratory II (SQ)	4	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Elective	3		
⚠ Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		

Term 4 46 - 60 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
⚠ EEE 202: Circuits I	4	C	<ul style="list-style-type: none"> <li>• SESE will accept CHM 114 or both CHM 113 and CHM 116 to meet the chemistry requirement.</li> <li>• SESE majors are strongly encouraged to meet with their faculty mentor at least once during their first and second year. Students can find their faculty mentor on the <a href="#">SESE advising website</a>.</li> <li>• Explore an <b>internship</b>.</li> </ul>
⚠ MAE 201: Mechanics of Particles and Rigid Bodies I: Statics	3	C	
CHM 114: General Chemistry for Engineers (SQ)	4	C	
Humanities, Arts and Design (HU)	3		
Milestone: Complete SESE faculty mentoring.			
Term hours subtotal:	14		

Term 5 60 - 76 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ SES 330: Practical Electronics and Instrumentation	4	C	<ul style="list-style-type: none"> <li>• Students should start meeting with their faculty advisor to discuss research opportunities.</li> </ul>
★ SES 350: Engineering Systems and Experimental Problem Solving	3	C	
Science and Society Elective	3	C	
Literacy and Critical Inquiry (L)	3		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Term hours subtotal:	16		

Term 6 76 - 91 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes	
★ SES 405: Exploration Systems Engineering	3	C	<ul style="list-style-type: none"> <li>• Explore a research or <b>internship</b> opportunity. In order to earn credits for research or an internship, students should work with their SESE advisor for approval. Students who hope to go to graduate school should consider getting involved in research. Students can talk to faculty mentors about how to find research opportunities.</li> <li>• Students interested in graduate school should be researching programs and preparing application materials. Continue to meet with faculty advisor for input along the way.</li> <li>• Students should meet with an advisor to do a graduation check.</li> <li>• Use Handshake to research <b>employment opportunities</b>.</li> </ul>	
Upper Division Exploration Systems Design Concentration Elective	3	C		
Upper Division Science and Society Elective	3	C		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3			
Upper Division Elective OR SES 484: Internship OR SES 499: Individualized Instruction	3			
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).				
Term hours subtotal:	15			

Term 7 91 - 106 Credit Hours Necessary course signified by ★	Hours	Grade	Notes
★ SES 410: Senior Exploration Project I	3	C	<ul style="list-style-type: none"> <li>• Students interested in graduate school should be researching programs and preparing application materials. Continue to meet with faculty advisor for input along the way.</li> <li>• If not already completed, students should meet with an advisor to do a graduation check.</li> <li>• Apply for <b>career opportunities</b>.</li> </ul>
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Literacy and Critical Inquiry (L)	3		
Complete 2 courses:			
Upper Division Elective	6		
Term hours subtotal:	15		

Term 8 106 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ SES 411: Senior Exploration Project II	3	C	
Complete 3 courses:			
Upper Division Elective	8		
Elective	3		
Term hours subtotal:	14		

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/student-resources/science-society>. At least one of the two courses must be upper division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Upper Division Exploration Systems Design Concentration Elective
AST 321: Introduction to Planetary and Stellar Astrophysics
AST 322: Introduction to Galactic and Extragalactic Astrophysics
GLG 321: Mineralogy
GLG 404: Fundamentals of Planetary Geology
GLG 424: Petrology
GLG 471: Hydrology
SES 307: Space Works I: Design, Build, Test
SES 311: Essentials of Astrobiology: Exploration for Life in the Universe
SES 407: Space Works II: Model, Fabricate, Test

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's

first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>

- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.












## 2023 - 2024 Major Map

### Earth and Space Exploration (Geological Sciences), BS

School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe](#)

LASESGSBS

Term 1 0 - 14 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 Mathematics (MA)	3	C	<ul style="list-style-type: none"> <li>Students who place into MAT 265 should take the course in term 1 to complete the MA requirement.</li> <li>LIA 101 is mandatory for all incoming first-year students.</li> <li>SESE will accept Calculus with Analytic Geometry I, II and III (MAT 270/271/272) in place of MAT 265/266/267.</li> <li>SESE majors are strongly encouraged to meet with their faculty mentor at least once during their first and second year. Students can find their faculty mentor on the <a href="#">SESE advising website</a>.</li> <li>Select your <a href="#">career interest area</a> and play <a href="#">me3@ASU</a>.</li> <li>Activate your <a href="#">Handshake account</a> and build out your profile.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
SES 121: Earth, Solar System and Universe (SQ) AND SES 123: Earth, Solar System and Universe Laboratory (SQ)	4	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	14		
Term 2 14 - 28 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CHM 113: General Chemistry I (SQ)	4	C	<ul style="list-style-type: none"> <li>SESE will accept Calculus with Analytic Geometry I, II and III (MAT 270/271/272) in place of MAT 265/266/267.</li> <li>SESE majors are strongly encouraged to meet with their faculty mentor at least once during their first and second year. Students can find their faculty mentor on the <a href="#">SESE advising website</a>.</li> <li>Join a <a href="#">student club</a> or professional organization.</li> <li>Create a first draft <a href="#">resume</a>.</li> </ul>
 MAT 265: Calculus for Engineers I (MA)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
SES 122: History of the Earth and Solar System AND SES 124: History of the Earth and Solar System Laboratory	4	C	
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Milestone: Complete SESE faculty mentoring.			
Term hours subtotal:	14		
Term 3 28 - 44 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CHM 116: General Chemistry II (SQ)	4	C	<ul style="list-style-type: none"> <li>SESE will accept Calculus with Analytic Geometry I, II and III (MAT 270/271/272) in place of MAT 265/266/267.</li> </ul>
 MAT 266: Calculus for Engineers II (MA)	3	C	
SES 230: Coding for Exploration (CS)	3	C	

Humanities, Arts and Design (HU) AND Historical Awareness (H)	3
Elective	3
🚩 Complete First-Year Composition requirement.	
Complete Mathematics (MA) requirement.	
Term hours subtotal:	16

- SESE majors are strongly encouraged to meet with their faculty mentor at least once during their first and second year. Students can find their faculty mentor on the [SESE advising website](#).
- Develop your [skills](#).

Term 4 44 - 60 Credit Hours <b>Critical course signified by</b> 🚩	Hours	Minimum Grade	Notes
🚩 MAT 267: Calculus for Engineers III (MA)	3	C	<ul style="list-style-type: none"> <li>• SESE will accept Calculus with Analytic Geometry I, II and III (MAT 270/271/272) in place of MAT 265/266/267.</li> <li>• SESE majors are strongly encouraged to meet with their faculty mentor at least once during their first and second year. Students can find their faculty mentor on the <a href="#">SESE advising website</a>.</li> <li>• Students should note that upcoming capstone classes, GLG 451 (offered in spring) and GLG 452 (offered in summer), are field trip-based courses.</li> <li>• Explore an <a href="#">internship</a>.</li> </ul>
🚩 PHY 121: University Physics I: Mechanics (SQ) AND PHY 122: University Physics Laboratory I (SQ)	4	C	
Science and Society Elective	3	C	
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Elective	3		
Milestone: Complete SESE faculty mentoring.			
Term hours subtotal:	16		

Term 5 60 - 76 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ GLG 310: Structural Geology	3	C	<ul style="list-style-type: none"> <li>• Students need two GLG branch courses (six credits) and three upper-division GLG or SES electives (nine credits). Electives may be chosen from the branch course list or students may take any other upper-division GLG or SES courses offered by the School of Earth and Space Exploration.</li> <li>• Students should meet with a faculty advisor to discuss research opportunities.</li> <li>• Students should note that upcoming capstone classes, GLG 451 (offered in spring) and GLG 452 (offered in summer), are field trip-based courses.</li> </ul>
★ GLG 321: Mineralogy	3	C	
PHY 131: University Physics II: Electricity and Magnetism (SQ) AND PHY 132: University Physics Laboratory II (SQ)	4	C	
GLG OR SES Upper Division Elective	3	C	
Upper Division Science and Society Elective	3	C	
Term hours subtotal:	16		

Term 6 76 - 89 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ GLG 451: Field Geology I (L)	3	C	<ul style="list-style-type: none"> <li>• GLG 451 requires some weekend field trips as well as a field trip over spring break.</li> <li>• Explore a research or <a href="#">internship</a> opportunity. In order to earn credits for research or an internship, students should work with their SESE advisor for approval. Students who hope to go to graduate school should consider getting involved in research. Students should talk to faculty mentors about how to find research opportunities.</li> <li>• Students interested in graduate school should be researching programs and preparing application materials. Continue to meet with faculty advisor for input along the way.</li> </ul>
SES 401: Earth and Space Exploration Colloquium	1	C	
GLG OR SES Upper Division Elective	3	C	
Humanities, Arts and Design (HU)	3		
Upper Division Elective OR SES 484: Internship OR SES 499: Individualized Instruction	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	13		

- Use Handshake to research **employment opportunities**.

Summer 6 89 - 92 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ GLG 452: Field Geology II (L)	3	C	• For GLG 452, students will take an ~3 week field trip to other parts of Arizona and/or nearby states.
Term hours subtotal:	3		

Term 7 92 - 107 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division GLG Branch Course	3	C	• Students interested in graduate school should be researching programs and preparing application materials. Continue to meet with faculty advisor for input along the way. • Apply for <b>career opportunities</b> .
GLG OR SES Upper Division Elective	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Complete 2 courses:	6		
Elective			
Term hours subtotal:	15		

Term 8 107 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division GLG Branch Course	3	C	
Complete 3 courses:	8		
Upper Division Elective			
Elective	2		
Term hours subtotal:	13		

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/student-resources/science-society>. At least one of the two courses must be upper division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Upper Division GLG Branch Courses
GLG 362: Geomorphology
GLG 418: Geophysics
GLG 424: Petrology
GLG 430: Paleontology
GLG 435: Sedimentology and Stratigraphy
GLG 471: Hydrology
GLG 481: Geochemistry

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's

first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>

- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map




### Economics, BS





School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe](#)

LAECNBS

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 Mathematics (MA)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>Students can choose to complete Humanities (HU) and Historical Awareness (H) separately.</li> <li>Students placing into MAT 210 or MAT 270 should take one of those courses in term 1. If not, students should select a prerequisite course. Students should not take MAT 142.</li> <li>Students considering graduate work in economics should choose MAT 270 or a prerequisite course.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Complete 2 courses: Elective	6		
Term hours subtotal:	16		

Term 2 16 - 29 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 270: Calculus with Analytic Geometry I (MA) OR MAT 210: Brief Calculus (MA)	3-4	C	<ul style="list-style-type: none"> <li>Students considering graduate work in economics should select MAT 270 instead of MAT 210.</li> <li>Select your <b>career interest area</b> and play the game <a href="mailto:me3@ASU">me3@ASU</a>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Natural Science - Quantitative (SQ)	4		
Elective	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	13-14		

Term 3 29 - 45 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB)	3	C	<ul style="list-style-type: none"> <li>Students considering graduate work in economics should select MAT 271 instead of MAT 211.</li> <li>Many upper-division related area courses have prerequisites that can be completed as electives in terms 3, 4, and 5.</li> <li>Visit the <b>Career and Professional Development Center</b> to identify networking opportunities and to seek career planning assistance.</li> </ul>
 MAT 271: Calculus with Analytic Geometry II (MA) OR MAT 211: Mathematics for Business Analysis	3-4	C	
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	3		
 Complete First-Year Composition requirement.			

Complete Mathematics (MA) requirement.

Term hours subtotal: 16-17

Term 4 45 - 60 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
⚠ ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB)	3	C	<ul style="list-style-type: none"> <li>• Students can choose to satisfy Humanities (HU) and Cultural Diversity in the U.S. (C) requirements separately.</li> <li>• Attend career related workshops and meet with a career counselor to discuss professional goals.</li> </ul>
ECN 221: Business Statistics (CS) OR STP 226: Elements of Statistics (CS) OR STP 420: Introductory Applied Statistics (CS)	3	C	
Science and Society Elective	3	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Global Awareness (G)	3		
Term hours subtotal:	15		

Term 5 60 - 75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ ECN 312: Intermediate Microeconomic Theory (SB)	3	C	
Upper Division Science and Society Elective	3	C	
ECN Upper Division Elective	3	C	
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ ECN 313: Intermediate Macroeconomic Theory (SB)	3	C	<ul style="list-style-type: none"> <li>• Complete an <b>internship</b> to develop job-related skills and connections.</li> <li>• Use Handshake to research <b>employment opportunities</b>.</li> </ul>
ECN 410: Applied Regression Analysis and Forecasting OR ECN 425: Introduction to Econometrics	3	C	
Related Area Course	3	C	
Upper Division Elective	3		
Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ ECN 4** Elective	3	C	<ul style="list-style-type: none"> <li>• Attend a <b>career</b> or graduate education fair.</li> </ul>
Related Area Course	3	C	
ECN Upper Division Elective	3	C	
Upper Division Elective OR LIA 484: Internship OR ECN 484: Internship	3		
Elective	3		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ ECN 475: Capstone in Economics (L)	3	C	<ul style="list-style-type: none"> <li>• Finalize future educational or <b>career</b> plans.</li> </ul>
ECN 4** Elective	3	C	
Complete 2 courses: Upper Division Elective	6		

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 Term hours subtotal: 15

- Students must earn a C or better in all related area courses. Many upper-division related area courses have prerequisites that can be completed as electives.
- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

## Hide Course List(s)/Track Group(s)

Related Area Course
ACC Elective
AGB Upper Division Elective
ASB Upper Division Elective
CIS Elective
DAT Upper Division Elective
ENG 301: Writing for the Professions (L)
FIN Upper Division Elective
GCU Upper Division Elective
GIS Upper Division Elective
HPS Upper Division Elective
HST Upper Division Elective
LES Upper Division Elective
LIA 484: Internship
MAT Upper Division Elective
MKT Upper Division Elective
NLM Upper Division Elective
PAF Elective
PHI Upper Division Elective
POS Upper Division Elective
PSY 304: Effective Thinking (L)
PSY 350: Social Psychology (SB)
PSY 4** Elective
PUP Upper Division Elective
REA Upper Division Elective

SCM Upper Division Elective

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SGS Upper Division Elective

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SOC 324: Sociology of Work and Organizations (SB & H)

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SOC 331: Environmental Sociology (SB & G)

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SOC 333: Population (SB & G)

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SOC 339: Grassroots Social Movements (SB)

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SOC 350: Inequality and Diversity in Education (L & C)

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SOC 352: Social Change (SB & G & H)

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SOC 4\*\* Elective

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SOS Upper Division Elective

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STP Upper Division Elective

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USL 410: Service Learning: Diverse Community Issues (L & C)

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**Notes:**

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition



General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map

### Economics, BS



School/College: [The College of Liberal Arts and Sciences](#)



Location: [Online ASU Local](#)



LAECNBS




Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 Mathematics (MA)	3	C	<ul style="list-style-type: none"> <li>Students placing into MAT 210 should take this course in Term 1-A. If not, students should select a prerequisite course. Students should not take MAT 142.</li> <li>ASU 101 or college-specific equivalent First-Year Seminar is required of all first-year students.</li> </ul>
ASU 101-LA: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Term hours subtotal:	7		



Term 1 - B 7 - 13 Credit Hours	Hours	Minimum Grade	Notes
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> <li>Students may choose to complete Humanities (HU) and Historical Awareness (H) requirements separately.</li> <li>Many upper-division related area courses have prerequisites that can be completed as electives in earlier terms.</li> <li>Select your <a href="#">career interest area</a> and play <a href="#">me@ASU</a>.</li> </ul>
Elective	3		
Term hours subtotal:	6		

Term 2 - A 13 - 19 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 210: Brief Calculus (MA)	3	C	<ul style="list-style-type: none"> <li>Review the <a href="#">Career Guide for ASU Online Students</a> to learn about available career planning resources.</li> </ul>
Elective	3		
Term hours subtotal:	6		

Term 2 - B 19 - 26 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Natural Science - Quantitative (SQ)	4		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	7		



Term 3 - A 26 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB)	3	C	<ul style="list-style-type: none"> <li>• Many upper-division related area courses have prerequisites that can be completed as electives in earlier terms.</li> <li>• Register for a <b>Handshake</b> account and participate in <b>virtual career advising</b>.</li> </ul>
Elective	3		
Term hours subtotal:	6		



Term 3 - B 32 - 38 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 211: Mathematics for Business Analysis	3	C	
Elective	3		
 Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	6		

Term 4 - A 38 - 44 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB)	3	C	<ul style="list-style-type: none"> <li>• Many upper-division related area courses have prerequisites that can be completed as electives in earlier terms.</li> <li>• Create a first draft <b>resume</b>.</li> </ul>
Elective	3		
Term hours subtotal:	6		

Term 4 - B 44 - 50 Credit Hours	Hours	Minimum Grade	Notes
ECN 221: Business Statistics (CS) OR STP 226: Elements of Statistics (CS)	3	C	<ul style="list-style-type: none"> <li>• Develop your <b>professional online presence</b>.</li> </ul>
Global Awareness (G)	3		
Term hours subtotal:	6		

Term 5 - A 50 - 57 Credit Hours	Hours	Minimum Grade	Notes
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		<ul style="list-style-type: none"> <li>• Humanities (HU) and Cultural Diversity in the U.S. (C) requirements may be completed separately.</li> </ul>
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	7		

Term 5 - B 57 - 63 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 Science and Society Elective	3	C	
Elective	3		
Term hours subtotal:	6		

Term 6 - A 63 - 69 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 ECN 312: Intermediate Microeconomic Theory (SB)	3	C	<ul style="list-style-type: none"> <li>• View <b>career webinars</b> offered by Career and Professional Development Center.</li> </ul>
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	6		

Term 6 - B 69 - 75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
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Upper Division Science and Society Elective	3	C
ECN Upper Division Elective	3	C
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
Term hours subtotal:	6	

Term 7 - A 75 - 81 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ECN 313: Intermediate Macroeconomic Theory (SB)	3	C	• Gather professional references.
Upper Division Elective	3		
Term hours subtotal:	6		

Term 7 - B 81 - 87 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ECN 410: Applied Regression Analysis and Forecasting	3	C	• Expand, refine and polish your resume.
Related Area Course	3	C	
Term hours subtotal:	6		

Term 8 - A 87 - 93 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ECN 4** Elective	3	C	• Explore an internship. • Complete a virtual practice interview.
Upper Division Elective	3		
Term hours subtotal:	6		

Term 8 - B 93 - 99 Credit Hours	Hours	Minimum Grade	Notes
Related Area Course	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		

Term 9 - A 99 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ECN 4** Elective	3	C	
Elective	3		
Term hours subtotal:	6		

Term 9 - B 105 - 111 Credit Hours	Hours	Minimum Grade	Notes
ECN Upper Division Elective	3	C	• Use Handshake to research employment opportunities.
Upper Division Elective	3		
Term hours subtotal:	6		

Term 10 - A 111 - 117 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ECN 475: Capstone in Economics (L)	3	C	• Apply for full-time career opportunities.
Upper Division Elective	3		
Term hours subtotal:	6		

Term 10 - B 117 - 120 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Elective	3		
Term hours subtotal:	3		

- Students must earn a C or better in all related area courses. Many upper-division related area courses have prerequisites that can be completed as electives.
- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Related Area Courses
ACC Elective
AGB Upper Division Elective
ASB Upper Division Elective
CIS Elective
DAT Upper Division Elective
ENG 301: Writing for the Professions (L)
FIN Upper Division Elective
GCU Upper Division Elective
GIS Upper Division Elective
HST Upper Division Elective
LES Upper Division Elective
MAT Upper Division Elective
MKT Upper Division Elective
PAF Elective
PHI Upper Division Elective
POS Upper Division Elective
PSY 304: Effective Thinking (L)
PSY 350: Social Psychology (SB)
PSY 4** Elective
PUP Upper Division Elective
SCM Upper Division Elective
SGS Upper Division Elective
SOC 324: Sociology of Work and Organizations (SB & H)
SOC 4** Elective
SOS Upper Division Elective

**Notes:**

- - **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
  - **Mathematics Placement Assessment** score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.










## 2023 - 2024 Major Map

### Economics (Politics and the Economy), BS

School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe](#)

LAECNPECBS

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 Mathematics (MA)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar is required of all first-year students.</li> <li>Students placing into MAT 210 or MAT 270 should take one of those courses in term 1. If not, students should select a prerequisite course. Students should not take MAT 142.</li> <li>Students considering graduate work in economics should choose MAT 270 or a prerequisite course.</li> <li>Students can choose to complete Humanities (HU) and Historical Awareness (H) separately.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Complete 2 courses: Elective	6		
Term hours subtotal:	16		
Term 2 16 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 270: Calculus with Analytic Geometry I (MA) OR MAT 210: Brief Calculus (MA)	3-4	C	<ul style="list-style-type: none"> <li>Students considering graduate work in economics should select MAT 270 instead of MAT 210.</li> <li>Select your <b>career interest area</b> and play the game <a href="#">me3@ASU</a>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Natural Science - Quantitative (SQ)	4		
Elective	4		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	14-15		
Term 3 30 - 45 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB)	3	C	<ul style="list-style-type: none"> <li>Students considering graduate work in economics should select MAT 271 instead of MAT 211.</li> <li>Visit the <a href="#">Career and Professional Development Center</a> to identify networking opportunities and to seek career planning assistance.</li> </ul>
 MAT 271: Calculus with Analytic Geometry II (MA) OR MAT 211: Mathematics for Business Analysis	3-4	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Complete 2 courses: Elective	5		
 Complete First-Year Composition requirement.			

Complete Mathematics (MA) requirement.

Term hours subtotal: 15-16

Term 4 45 - 60 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
⚠ ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB)	3	C	<ul style="list-style-type: none"> <li>Students can choose to satisfy Humanities (HU) and Cultural Diversity in the U.S. (C) requirements separately.</li> <li>Students may choose to combine the Global Awareness (G) with a concentration elective or ECN upper-division course.</li> <li>Attend career related <b>workshops</b> and meet with a career counselor.</li> </ul>
ECN 221: Business Statistics (CS) OR STP 226: Elements of Statistics (CS) OR STP 420: Introductory Applied Statistics (CS)	3	C	
Science and Society Elective	3	C	
Global Awareness (G)	3		
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	15		

Term 5 60 - 75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ ECN 312: Intermediate Microeconomic Theory (SB)	3	C	<ul style="list-style-type: none"> <li>Join <b>Handshake</b> and research career and internship opportunities.</li> <li>Concentration areas include U.S. Government, Politics, and Law. Select three courses from one area, or select two courses from one area and a third course from a different area.</li> </ul>
Upper Division Science and Society Elective	3	C	
Concentration Elective	3	C	
ECN Upper Division Elective	3	C	
Elective	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ ECN 313: Intermediate Macroeconomic Theory (SB)	3	C	<ul style="list-style-type: none"> <li>Concentration areas include U.S. Government, Politics, and Law. Select three courses from one area, or select two courses from one area and a third course from a different area.</li> <li>Complete an <b>internship</b> to develop job-related skills and connections.</li> <li>Use Handshake to research <b>employment opportunities</b>.</li> </ul>
★ ECN 441: Public Economics (SB) OR ECN 453: Industrial Organization and Competition Policy	3	C	
Concentration Elective	3	C	
Complete 2 courses: Upper Division Elective	6		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ ECN 441: Public Economics (SB) OR ECN 453: Industrial Organization and Competition Policy	3	C	<ul style="list-style-type: none"> <li>Attend a <b>career</b> or graduate education fair.</li> </ul>
ECN 410: Applied Regression Analysis and Forecasting OR ECN 425: Introduction to Econometrics	3	C	
POS 348: Do You Want to Build a Nation? (L)	3	C	
Upper Division Elective OR LIA 484: Internship OR ECN 484: Internship	3		
Elective	3		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ ECN 475: Capstone in Economics (L)	3	C	<ul style="list-style-type: none"> <li>Concentration areas include U.S. Government, Politics, and Law. Select</li> </ul>



ECN 345: Survey of Environmental and Resource Economics OR ECN 355: Economics of Healthcare OR ECN 445: Environmental Economics OR ECN 455: Health Economics	3	C
Concentration Elective	3	C
Complete 2 courses: Upper Division Elective	6	
Term hours subtotal:	15	

- three courses from one area, or select two courses from one area and a third course from a different area.
- Finalize future educational or career plans.

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.
- Complete a minimum of three concentration electives. Concentration areas include U.S. Government, Politics, and Law. Select three courses from one area or select two from one area and a third from a different area.

Hide Course List(s)/Track Group(s)

Politics Concentration Electives	Law Concentration Electives	U.S. Government Concentration Electives
POS 150: Comparative Government (SB & G) or POS 350: Comparative Politics (SB & G)	POS 270: American Legal System (SB)	POS 110: American Government and Politics (SB) or POS 310: American National Government (SB)
POS 160: Global Politics (SB & G) or POS 360: World Politics (SB & G)	POS 313: The Congress (SB)	POS 216: State and Local Government (SB)
POS 210: Political Ideologies (SB)	POS 315: The Supreme Court (SB)	POS 230: Current Issues in National Politics (L or SB)
POS 240: Introduction to Southeast Asia ((HU or SB) & G)	POS 368: Ethics and Human Rights	POS 270: American Legal System (SB)
POS 247: Introduction to Latin American Politics (SB & G)	POS 370: Law and Society (SB)	POS 313: The Congress (SB)
POS 260: Current Issues in International Politics ((L or SB) & G)	POS 465: International Organization and Law (SB & G)	POS 314: The American Presidency (SB)
POS 300: Contemporary Global Controversies (SB & G)	POS 471: Constitutional Law I (SB)	POS 315: The Supreme Court (SB)
POS 301: Empirical Political Inquiry (SB)	POS 472: Constitutional Law II (SB)	POS 410: Governing American Cities (SB)
POS 331: Public Opinion (SB)	POS 480: Global Justice (G)	
POS 332: American Political Parties (SB)		
POS 336: Voters in America (SB)		
POS 339: Grassroots Social Movements (SB)		
POS 346: Problems of Democracy (HU)		
POS 352: European Democracies		
POS 353: Comparative Politics of the Middle East		
POS 356: European Union (SB & G)		

POS 359: African Politics and Society (SB & G)

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POS 361: American Foreign Policy (SB & G)

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POS 364: National Security, Intelligence, and Terrorism (SB)

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POS 367: World Politics and Global Inequalities (G)

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POS 417: Arizona Politics (SB)

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**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

## 2023 - 2024 Major Map

### English, BA



School/College: [The College of Liberal Arts and Sciences](#)



Location: [Online ASU Local](#)



LAENGBA

### **FT** Fast Track Option: 3 Year

A student must speak with an advisor in order to be added to a fast track plan.

Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar is required for all first-year students</li> </ul>
ASU 101-LA: The ASU Experience	1		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	7		

Term 1 - B 7 - 13 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> <li>Select your <a href="#">career interest area</a> and play <a href="#">me3@ASU</a>.</li> </ul>
Computer/Statistics/Quantitative Applications (CS)	3		
Term hours subtotal:	6		

Term 2 - A 13 - 20 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 142: College Mathematics (MA)	3	C	<ul style="list-style-type: none"> <li><b>ASU Language Placement:</b> Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.</li> <li>Join a <a href="#">student club</a> or professional organization.</li> </ul>
Second Language: Requirement satisfied through the following:			
* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Term hours subtotal:	7		

Term 2 - B 20 - 27 Credit Hours	Hours	Minimum Grade	Notes
Second Language: Requirement satisfied through the following:			
* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	

Social-Behavioral Sciences (SB) AND Global Awareness (G) AND  
Historical Awareness (H) 3

Complete ENG 101 OR ENG 105 OR ENG 107 course(s).

Term hours subtotal: 7

Term 3 - A 27 - 34 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
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 ENG 211: Introduction to English Studies (HU)	3	C	
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Second Language: Requirement satisfied through the following:

* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
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Term hours subtotal: 7

Term 3 - B 34 - 41 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
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 Analysis of Literature and Language Elective	3	C	
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Second Language: Requirement satisfied through the following:

* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
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Complete Mathematics (MA) requirement.

Term hours subtotal: 7

Term 4 - A 41 - 47 Credit Hours	Hours	Minimum Grade	Notes
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Natural Science - Quantitative (SQ)	4		• Explore an <a href="#">internship</a>
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Elective	2		
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Term hours subtotal: 6

Term 4 - B 47 - 53 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
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 Analysis of Literature and Language Elective	3	C	
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Elective	3		
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Term hours subtotal: 6

Term 5 - A 53 - 60 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
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 ENG 305: Interpretive Theory (HU)	3	C	
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Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
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Term hours subtotal: 7

Term 5 - B 60 - 66 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
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 ENG 308: Form and History/Culture (HU)	3	C	
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Literacy and Critical Inquiry (L)	3		
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Term hours subtotal: 6

Term 6 - A 66 - 72 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
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 ENG 309: Rhetoric for Writers (L)	3	C	• Research <a href="#">employment opportunities</a>
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Upper Division Elective	3		
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Term hours subtotal: 6

Term 6 - B 72 - 78 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Analysis of Film and Media Elective	3	C	
Upper Division Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 78 - 84 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ENG 327: English Studies Research	3	C	
★ Writing Elective	3	C	
Term hours subtotal:	6		

Term 7 - B 84 - 90 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Elective	6		• Apply for full-time career opportunities
Term hours subtotal:	6		

Term 8 - A 90 - 96 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ENG 489: Scholarly Products	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		

Term 8 - B 96 - 102 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	6		

Term 9 - A 102 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Analysis of Film and Media Elective	3	C	
Elective	3		
Term hours subtotal:	6		

Term 9 - B 108 - 114 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	6		

Term 10 - A 114 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Writing Elective	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		

Hide Course List(s)/Track Group(s)

Analysis of Literature and Language Electives	Analysis of Film and Media Electives	Writing Elective
ENG 204: Topics in Contemporary Literature (HU)	ENG 220: Gender, Media and Culture (HU & C)	ENG 200: Critical Reading and Writing About Literature (L or HU)
ENG 221: Survey of English Literature (HU)	ENG 324: Horror: Film and Short Stories	ENG 210: Introduction to Creative Writing
ENG 222: Survey of English Literature (HU & H)	ENG 336: Women, Film and Culture (SB & C)	ENG 215: Strategies of Academic Writing (L)
ENG 229: Love and Lust in Medieval Literature	ENG 343: Crime: Film and Short Stories	ENG 216: Persuasive Writing on Public Issues (L)
ENG 241: Literatures of the United States to 1860 ((L or HU) & C)	ENG 362: Film and Media Franchises or FMS 362: Film and Media Franchises	ENG 217: Writing Reflective Essays (L)
ENG 242: Literatures of the United States, 1860 to Present (HU)	ENG 365: History of Film (HU)	ENG 287: Beginning Creative Writing Workshop in Poetry
ENG 303: Classical Backgrounds of English Literature (HU)	ENG 366: Literature on Film	ENG 288: Beginning Creative Writing Workshop in Fiction
ENG 318: The Life and Death of Languages	ENG 441: Introduction to Participatory Media	ENG 301: Writing for the Professions (L)
ENG 319: Future of English (G)	ENG 443: Gender, Culture and Literacy	ENG 310: Intermediate Creative Writing
ENG 321: Shakespeare (L or HU)	ENG 465: Studies in Film	ENG 311: Persuasive Writing (L)
ENG 323: Rhetoric and Grammar (L)	ENG 466: Studies in International Film	ENG 317: Cross-Cultural Writing ((L or HU) & G)
ENG 328: The Novel to Jane Austen (HU & H)	FMS 110: Introduction to New Media (HU)	ENG 379: Travel Writing (L)
ENG 329: 19th-Century British Fiction	FMS 360: Media Genres	ENG 387: Intermediate Creative Writing Workshop in Poetry: Form, Theory, and Practice
ENG 333: American Ethnic Literature		ENG 388: Intermediate Creative Writing Workshop in Fiction: Form, Theory, and Practice
ENG 334: The American Southwest in Literature and Film ((L or HU) & C)		ENG 410: Writing for Publication
ENG 337: Major American Novels (L or HU)		
ENG 345: Selected Authors or Issues		
ENG 352: Short Story (L or HU)		
ENG 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C)		
ENG 354: African American Literature: Harlem Renaissance to the Present ((L or HU) & C)		
ENG 356: The Bible as Literature (HU)		
ENG 359: Indigenous American Literature ((L or HU) & C)		
ENG 360: Western American Literature (L or HU)		
ENG 363: Transborder Mexican and Chicano/a Literature of Southwest North America ((L or HU) & C)		

ENG 364: Women and Literature (HU)

ENG 369: Science Fiction Studies

ENG 386: American Gothic

ENG 400: History of Literary Criticism (L or HU)

ENG 413: History of English Language (HU)

ENG 420: Multicultural Autobiographies ((L or HU) & C)

ENG 421: Studies in Shakespeare (L or HU)

ENG 423: Renaissance Drama (L or HU)

ENG 432: The American Renaissance (HU)

ENG 436: Studies in Anglophone Literature and Culture

ENG 440: Studies in American Literature and Culture

ENG 457: Studies in American Poetry (HU)

ENG 460: Ethnic Women Writers

ENG 470: Symbols and Archetypes in Children's Literature (L or HU)

ENG 471: Literature for Young Adults (HU)

ENG 472: Rhetorical Studies

ENG 477: World Literature ((L or HU) & G)

**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment score** determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)

**Total College Residency Hrs:** 12 minimum

- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.





## 2023 - 2024 Major Map



### English (Creative Writing), BA



School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe](#)

LAENGCBBA

Term 1 0 - 14 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students</li> <li>• <b>ASU Language Placement:</b> Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.</li> <li>• Select your <b>career interest area</b> and play <a href="mailto:me3@ASU">me3@ASU</a>.</li> </ul>
ENG 110: Approaching Big Problems	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3		
Term hours subtotal:	14		

Term 2 14 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>• Join a <b>student club</b> or professional organization</li> </ul>
MAT 142: College Mathematics (MA)	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Literacy and Critical Inquiry (L) AND Global Awareness (G)	3		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 30 - 44 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 287: Beginning Creative Writing Workshop in Poetry OR ENG 288: Beginning Creative Writing Workshop in Fiction	3	C	<ul style="list-style-type: none"> <li>• Develop your <b>skills</b></li> </ul>
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Humanities, Arts and Design (HU)	3		

Natural Science - Quantitative (SQ) 4

◆ Complete Mathematics (MA) requirement.

Term hours subtotal: 14

Term 4 44 - 60 Credit Hours Critical course signified by ◆	Hours	Minimum Grade	Notes
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◆ ENG 287: Beginning Creative Writing Workshop in Poetry OR ENG 288: Beginning Creative Writing Workshop in Fiction	3	C	
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Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
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Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
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Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
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Elective	2		
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Term hours subtotal: 16

Term 5 60 - 76 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ ENG 300: Your Degree in the World	1	C	
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• Explore an internship

★ ENG 387: Intermediate Creative Writing Workshop in Poetry: Form, Theory, and Practice OR ENG 388: Intermediate Creative Writing Workshop in Fiction: Form, Theory, and Practice	3	C	
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American Literature Course - 200 Level or Above	3	C	
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Computer/Statistics/Quantitative Applications (CS)	3		
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Complete 2 courses: Upper Division Elective	6		
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Term hours subtotal: 16

Term 6 76 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ ENG 487: Advanced Creative Writing Workshop in Poetry OR ENG 488: Advanced Creative Writing Workshop in Fiction	3	B	
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• Research employment opportunities

Upper Division Literary Study Course	3	C	
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ENG Elective	3	C	
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Humanities, Arts and Design (HU)	3		
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Upper Division Elective	2		
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★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
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Maintain 3.25 GPA in Major Courses.			
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Term hours subtotal: 14

Term 7 90 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ ENG 498: Capstone Fiction (L) OR ENG 498: Capstone Poetry (L)	3	B	
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• Apply for full-time career opportunities

ENG Upper Division Elective	3	C	
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Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
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Complete 2 courses: Upper Division Elective	6		
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Maintain 3.25 GPA in Major Courses.			
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Term hours subtotal: 15

Term 8 105 - 120 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 4** (400) Level Literary Studies Course	3	C	
ENG Upper Division Elective OR ENG 484: Internship	3	C	
<i>Complete 2 courses:</i>	6		
Upper Division Elective			
Elective	3		
Maintain 3.25 GPA in Major Courses.			
Term hours subtotal:	15		

Hide Course List(s)/Track Group(s)

American Literature Course - 200 Level or Above	Upper Division Literary Study Course	400-Level Literary Study Course
ENG 241: Literatures of the United States to 1860 (L or HU) & C)	ENG 303: Classical Backgrounds of English Literature (HU)	ENG 400: History of Literary Criticism (L or HU)
ENG 242: Literatures of the United States, 1860 to Present (HU)	ENG 315: Medieval Literature in Translation	ENG 401: Topics in Critical Theory
ENG 333: American Ethnic Literature	ENG 321: Shakespeare (L or HU)	ENG 415: Studies in Medieval Literature and Culture (HU)
ENG 335: American Poetry	ENG 325: Restoration and the 18th Century	ENG 416: Chaucer in Middle English (HU)
ENG 337: Major American Novels (L or HU)	ENG 326: English Drama 1660-1800 (HU)	ENG 418: Renaissance Literature (L or HU)
ENG 345: Selected Authors or Issues	ENG 328: The Novel to Jane Austen (HU & H)	ENG 421: Studies in Shakespeare (L or HU)
ENG 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C)	ENG 329: 19th-Century British Fiction	ENG 422: Special Topics in Shakespeare
ENG 354: African American Literature: Harlem Renaissance to the Present ((L or HU) & C)	ENG 330: 19th-Century British Poetry	ENG 423: Renaissance Drama (L or HU)
ENG 359: Indigenous American Literature ((L or HU) & C)	ENG 332: Studies in Race and Ethnicity in Literature and Culture	ENG 424: Milton (HU)
ENG 360: Western American Literature (L or HU)	ENG 333: American Ethnic Literature	ENG 425: Studies in Romanticism (HU)
ENG 363: Transborder Mexican and Chicano/a Literature of Southwest North America (L or HU) & C)	ENG 335: American Poetry	ENG 426: British Culture and Empire
ENG 434: Studies in the Literature and Culture of the Americas	ENG 337: Major American Novels (L or HU)	ENG 427: Studies in 18th-Century Literature and Culture (HU)
ENG 440: Studies in American Literature and Culture	ENG 338: Protest Literature	ENG 429: Politics & Culture in European Short Fiction
ENG 445: Studies in American Realism (L or HU)	ENG 342: 20th-Century British and Irish Literature (HU)	ENG 430: Studies in Victorian Literature and Culture (L or HU)
ENG 453: Studies in the American Novel (HU)	ENG 345: Selected Authors or Issues	ENG 434: Studies in the Literature and Culture of the Americas
ENG 457: Studies in American Poetry (HU)	ENG 349: Global Literary Studies	ENG 435: Literatures and Cultures of Immigration and Diaspora
	ENG 350: Studies in Literary Histories and Traditions	ENG 436: Studies in Anglophone Literature and Culture
	ENG 352: Short Story (L or HU)	ENG 437: The American Novel, 1900 - 1960 (L or HU)
	ENG 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C)	ENG 440: Studies in American Literature and Culture

ENG 458: Latina/o Literature ((L or HU) & C)	ENG 354: African American Literature: Harlem Renaissance to the Present ((L or HU) & C)	ENG 442: Studies in 20th-Century British and Irish Literature and Culture
ENG 459: Studies in African American/Caribbean Literatures ((L or HU) & G)	ENG 355: European Dramatic Traditions (L or HU)	ENG 444: Topics for Interdisciplinary Study of Literature and Culture
	ENG 356: The Bible as Literature (HU)	ENG 445: Studies in American Realism (L or HU)
	ENG 359: Indigenous American Literature ((L or HU) & C)	ENG 447: Experimental Narrative (HU)
	ENG 360: Western American Literature (L or HU)	ENG 448: Studies in Irish Literature and Culture
	ENG 363: Transborder Mexican and Chicano/a Literature of Southwest North America ((L or HU) & C)	ENG 452: Studies in the Novel (HU)
	ENG 364: Jane Austen (HU)	ENG 453: Studies in the American Novel (HU)
	ENG 369: Science Fiction Studies	ENG 455: Contemporary Women Writers
	ENG 384: Studies in Gender and Sexuality in Literature and Culture	ENG 457: Studies in American Poetry (HU)
	ENG 400: History of Literary Criticism (L or HU)	ENG 458: Latina/o Literature ((L or HU) & C)
	ENG 401: Topics in Critical Theory	ENG 459: Studies in African American/Caribbean Literatures ((L or HU) & G)
	ENG 415: Studies in Medieval Literature and Culture (HU)	ENG 461: Studies in Women and Literature
	ENG 416: Chaucer in Middle English (HU)	ENG 465: Studies in Film
	ENG 418: Renaissance Literature (L or HU)	ENG 469: Science and Literature
	ENG 421: Studies in Shakespeare (L or HU)	ENG 470: Symbols and Archetypes in Children's Literature (L or HU)
	ENG 422: Special Topics in Shakespeare	ENG 471: Literature for Young Adults (HU)
	ENG 423: Renaissance Drama (L or HU)	ENG 476: Studies in Folklore
	ENG 424: Milton (HU)	ENG 478: Studies in Modernism
	ENG 425: Studies in Romanticism (HU)	ENG 479: Studies in Postmodernism (HU & G)
	ENG 426: British Culture and Empire	
	ENG 427: Studies in 18th-Century Literature and Culture (HU)	
	ENG 429: Politics & Culture in European Short Fiction	
	ENG 430: Studies in Victorian Literature and Culture (L or HU)	
	ENG 434: Studies in the Literature and Culture of the Americas	
	ENG 435: Literatures and Cultures of Immigration and Diaspora	
	ENG 436: Studies in Anglophone Literature and Culture	

ENG 437: The American Novel, 1900 - 1960  
(L or HU)

ENG 440: Studies in American Literature and  
Culture

ENG 442: Studies in 20th-Century British and  
Irish Literature and Culture

ENG 444: Topics for Interdisciplinary Study  
of Literature and Culture

ENG 445: Studies in American Realism (L or  
HU)

ENG 447: Experimental Narrative (HU)

ENG 448: Studies in Irish Literature and  
Culture

ENG 452: Studies in the Novel (HU)

ENG 453: Studies in the American Novel  
(HU)

ENG 455: Contemporary Women Writers

ENG 457: Studies in American Poetry (HU)

ENG 458: Latina/o Literature ((L or HU) & C)

ENG 459: Studies in African  
American/Caribbean Literatures ((L or HU) &  
G)

ENG 461: Studies in Women and Literature

ENG 465: Studies in Film

ENG 469: Science and Literature

ENG 470: Symbols and Archetypes in  
Children's Literature (L or HU)

ENG 471: Literature for Young Adults (HU)

ENG 476: Studies in Folklore

ENG 478: Studies in Modernism

ENG 479: Studies in Postmodernism (HU &  
G)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 3.25 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition



General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



2023 - 2024 Major Map  
 English (Linguistics), BA



School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe](#)

LAENGNBA

Term 1 0 - 14 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students</li> <li>• <b>ASU Language Placement:</b> Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.</li> <li>• Select your <b>career interest</b> area and play <a href="mailto:me3@asu.edu">me3@ASU</a>.</li> </ul>
ENG 110: Approaching Big Problems	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3		
Term hours subtotal:	14		

Term 2 14 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>• Join a <b>student club</b> or professional organization.</li> </ul>
MAT 142: College Mathematics (MA)	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Maintain 2.00 GPA in Major Courses.			
Term hours subtotal:	16		

Term 3 30 - 44 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 213: Introduction to the Study of Language OR SLC 201: Introduction to Linguistics (HU or SB)	3	C	

Second Language: Requirement satisfied through the following: 4 C  
 \* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.

Computer/Statistics/Quantitative Applications (CS) 3

Natural Science - Quantitative (SQ) 4

❗ Complete Mathematics (MA) requirement.

Maintain 2.00 GPA in Major Courses.

Term hours subtotal: 14

Term 4 44 - 60 Credit Hours Critical course signified by ❗	Hours	Minimum Grade	Notes
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❗ ENG Elective 3 C

• Explore an [internship](#)

Second Language: Requirement satisfied through the following:  
 \* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.

Literacy and Critical Inquiry (L) 3

Natural Science - Quantitative (SQ) OR Natural Science - General (SG) 4

Elective 2

Maintain 2.00 GPA in Major Courses.

Term hours subtotal: 16

Term 5 60 - 76 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ ENG 300: Your Degree in the World 1 C

★ ENG 312: English in its Social Setting (L or HU or SB) OR ENG 313: Phonology and Morphology OR ENG 314: Modern Grammar 3 C

Course taught in a language other than English beyond the 202 level (greater than 314 for POR or ROM) OR introductory course in a third language (not English) 3 C

Complete 2 courses:  
 Upper Division Elective 6

Elective 3

Maintain 2.00 GPA in Major Courses.

Term hours subtotal: 16

Term 6 76 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ ENG 312: English in its Social Setting (L or HU or SB) OR ENG 313: Phonology and Morphology OR ENG 314: Modern Grammar 3 C

• Research employment opportunities

★ ENG 403: Semantics OR ENG 404: Studies in Second Language Acquisition OR ENG 414: Studies in Linguistics 3 C

Humanities, Arts and Design (HU) 3

Complete 2 courses:  
 Upper Division Elective 5

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Maintain 2.00 GPA in Major Courses.

Term hours subtotal: 14

Term 7 90 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ ENG 312: English in its Social Setting (L or HU or SB) OR ENG 313: Phonology and Morphology OR ENG 314: Modern Grammar	3	C	• Apply for full-time career opportunities
ENG 413: History of English Language (HU)	3	C	
ENG Upper Division Elective OR ENG 484: Internship	3	C	
Complete 2 courses: Upper Division Elective	6		
Maintain 2.00 GPA in Major Courses.			
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ENG 403: Semantics OR ENG 404: Studies in Second Language Acquisition OR ENG 414: Studies in Linguistics	3	C	
Complete 2 courses: Upper Division Elective	6		
Complete 2 courses: Elective	6		
Maintain 2.00 GPA in Major Courses.			
Term hours subtotal:	15		

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

## First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.







## 2023 - 2024 Major Map

### English (Literature), BA

School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe](#)

LAENGTBA

Term 1 0 - 14 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students</li> <li>• <b>ASU Language Placement:</b> Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.</li> <li>• Select your <b>career interest area</b> and play <b>me3@ASU</b>.</li> </ul>
ENG 110: Approaching Big Problems	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3		
Term hours subtotal:	14		
Term 2 14 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>• Join a <b>student club</b> or professional organization</li> </ul>
MAT 142: College Mathematics (MA)	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Literacy and Critical Inquiry (L) AND Global Awareness (G)	3		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Maintain 2.00 GPA in Major Courses.			
Term hours subtotal:	16		
Term 3 30 - 44 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 206: Introduction to Literary Studies	3	C	
ENG 221: Survey of English Literature (HU) OR ENG 241: Literatures of the United States to 1860 (L or HU) & C	3	C	

Second Language: Requirement satisfied through the following: 4 C  
 \* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.

Natural Science - Quantitative (SQ) 4

❗ Complete Mathematics (MA) requirement.

Maintain 2.00 GPA in Major Courses.

Term hours subtotal: 14

Term 4 44 - 60 Credit Hours Critical course signified by ❗	Hours	Minimum Grade	Notes
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❗ ENG 222: Survey of English Literature (HU & H) OR ENG 242: Literatures of the United States, 1860 to Present (HU)	3	C	• Explore an internship
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Second Language: Requirement satisfied through the following:  
 \* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.

Natural Science - Quantitative (SQ) OR Natural Science - General (SG) 4

Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) 3

Elective 2

Maintain 2.00 GPA in Major Courses.

Term hours subtotal: 16

Term 5 60 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ ENG 300: Your Degree in the World	1	C	
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★ ENG 304: Critical Theories and Methods	3	C	
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★ ENG 332: Studies in Race and Ethnicity in Literature and Culture OR ENG 384: Studies in Gender and Sexuality in Literature and Culture	3	C	
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Computer/Statistics/Quantitative Applications (CS) 3

Complete 2 courses:  
 Upper Division Elective 5

Maintain 2.00 GPA in Major Courses.

Term hours subtotal: 15

Term 6 75 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ ENG 349: Global Literary Studies OR ENG 350: Studies in Literary Histories and Traditions	3	C	• Research employment opportunities
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ENG Elective OR ENG 484: Internship 3 C

Complete 2 courses:  
 Upper Division Elective 6

Elective 3

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
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Maintain 2.00 GPA in Major Courses.

Term hours subtotal: 15

Term 7 90 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ ENG 444: Topics for Interdisciplinary Study of Literature and Culture	3	C	• Apply for full-time career opportunities
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Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) 3

Complete 2 courses:	
Upper Division Elective	6
Elective	3
Maintain 2.00 GPA in Major Courses.	
Term hours subtotal:	15

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ENG 491: Topics for Advanced Research	3	C	
ENG course (L) Upper Division	3	C	
Complete 2 courses:			
Upper Division Elective	6		
Elective	3		
Maintain 2.00 GPA in Major Courses.			
Term hours subtotal:	15		

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum  
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.






## 2023 - 2024 Major Map

### English (Secondary Education), BA

School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe](#)

LAENGSEBA

Term 1 0 - 14 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li><b>ASU Language Placement:</b> Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.</li> <li>Select your <b>career interest area</b> and play <a href="mailto:me3@ASU">me3@ASU</a>.</li> </ul>
ENG 110: Approaching Big Problems	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
SPE 222: Orientation to Education of Exceptional Children (SB & C)	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Term hours subtotal:	14		
Term 2 14 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>Join a <b>student club</b> or professional organization.</li> <li>GCU 113 meets the US and AZ constitution requirements for AZ teacher certification and carries the SB and H designations.</li> </ul>
MAT 142: College Mathematics (MA)	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Global Awareness (G)	3		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s). Term hours subtotal:	16		
Term 3 30 - 44 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	3	C	<ul style="list-style-type: none"> <li>Apply for an <b>Identity Verified Print (IVP) DPS fingerprint card</b>, required by state law for participation in internships in 6-12th grade schools.</li> </ul>
ENG 221: Survey of English Literature (HU) OR ENG 222: Survey of English Literature (HU & H) OR ENG 241: Literatures of the United States to 1860 ((L or HU) & C) OR ENG 242: Literatures of the United States, 1860 to Present (HU)	3	C	

Second Language: Requirement satisfied through the following: 4 C  
 \* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.

Natural Science - Quantitative (SQ) 4

❗ Complete Mathematics (MA) requirement.

Term hours subtotal: 14

Term 4 44 - 60 Credit Hours Critical course signified by ❗	Hours	Minimum Grade	Notes
❗ ENG 213: Introduction to the Study of Language	3	C	<ul style="list-style-type: none"> <li>Meet with your advisor early in the semester to discuss enrollment in Teachers College (TEL) courses for Term 5. There may be specific steps you need to follow prior to enrolling in these courses, including verification that you have obtained an IVP fingerprint card.</li> </ul>
BLE 220: Foundations of Structured English Immersion (L)	3	C	
Complete 2 courses: ENG 221: Survey of English Literature (HU) OR ENG 222: Survey of English Literature (HU & H) OR ENG 241: Literatures of the United States to 1860 ((L or HU) & C) OR ENG 242: Literatures of the United States, 1860 to Present (HU)	6	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
❗ Minimum 2.25 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 5 60 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ENG 300: Your Degree in the World	1	C	<ul style="list-style-type: none"> <li>While enrolled in TEL 355, you will be paired with a mentor teacher in a 6-12th grade classroom. You will need to complete 45 hours over the semester. Reliable transportation is needed to get to school sites.</li> </ul>
★ TEL 310: Instructional Thought and Action: Instructional Design and Planning	3	C	
★ TEL 318: Instructional Thought and Action: Assessment for Learning	3	C	
★ TEL 355: Internship: Initial	1	C	
ENG 221: Survey of English Literature (HU) OR ENG 222: Survey of English Literature (HU & H) OR ENG 241: Literatures of the United States to 1860 ((L or HU) & C) OR ENG 242: Literatures of the United States, 1860 to Present (HU)	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Minimum 2.25 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 6 75 - 91 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TEL 317: Instructional Thought and Action: Learning Environment and Management	3	C	<ul style="list-style-type: none"> <li>While enrolled in TEL 366, you will be paired with a mentor teacher in a 6-12th grade classroom. You will need to complete 45 hours over the semester. Reliable transportation is needed to get to school sites.</li> <li>Research employment opportunities.</li> </ul>
★ TEL 366: Internship: Intermediate	1	C	
★ Ethnic or Women's Literature Course	3	C	
ENG 312: English in its Social Setting (L or HU or SB) OR ENG 314: Modern Grammar	3	C	
ENG 321: Shakespeare (L or HU) OR ENG 421: Studies in Shakespeare (L or HU) OR ENG 422: Special Topics in Shakespeare	3	C	
ENG 480: Methods of Teaching English: Composition (L)	3	C	



★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Minimum 2.25 GPA ASU Cumulative.

Term hours subtotal: 16

Term 7 91 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ENG 482: Methods of Teaching English: Language (L)	3	C	<ul style="list-style-type: none"> <li>All degree requirements must be completed prior to student teaching. Only one course will be approved to take concurrently with student teaching.</li> <li>While enrolled in TEL 477, you will be paired with a mentor teacher in a 6-12th grade classroom. You will need to complete 75 hours over the semester. Reliable transportation is needed to get to school sites.</li> <li>Students seeking teacher certification must pass required <b>educator exams</b>. Please speak with your Teachers College Advisor to plan appropriately.</li> <li>Apply for <b>full-time career opportunities</b>.</li> </ul>
★ ENG 486: Teaching Text	3	C	
★ TEL 332: Disciplinary Literacy Methods	3	C	
★ TEL 340: Families, Communities and Cultures: Cultivating Networks of Culturally Responsive Relationships (SB)	3	C	
★ TEL 477: Internship: Advanced	2	C	
ENG 471: Literature for Young Adults (HU)	3	C	
Minimum 2.25 GPA ASU Cumulative.			
Term hours subtotal:	17		

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TEL 471: Professional Educator Series: The Principled Educator	1		<ul style="list-style-type: none"> <li>Student teaching requires a full-time commitment in a 6-12th grade classroom for the semester.</li> </ul>
TEL 488: Student Teaching	11	C	
Minimum 2.25 GPA ASU Cumulative.			
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

Ethnic or Women's Literature

ENG 332: Studies in Race and Ethnicity in Literature and Culture

ENG 333: American Ethnic Literature

ENG 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C)

ENG 354: African American Literature: Harlem Renaissance to the Present ((L or HU) & C)

ENG 359: Indigenous American Literature ((L or HU) & C)

ENG 363: Transborder Mexican and Chicano/a Literature of Southwest North America ((L or HU) & C)

ENG 364: Women and Literature (HU)

ENG 384: Studies in Gender and Sexuality in Literature and Culture

**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.







## 2023 - 2024 Major Map

### English (Writing, Rhetorics and Literacies), BA

School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe](#)

LAENGWBA

Term 1 0 - 14 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students</li> <li>• <b>ASU Language Placement:</b> Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.</li> <li>• Select your <b>career interest area</b> and play <b>me3@ASU</b>.</li> </ul>
ENG 110: Approaching Big Problems	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3		
Term hours subtotal:	14		
Term 2 14 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>• Join a <b>student club</b> or professional organization</li> </ul>
MAT 142: College Mathematics (MA)	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Humanities, Arts and Design (HU)	3		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Maintain 2.00 GPA in Major Courses.			
Term hours subtotal:	16		
Term 3 30 - 44 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 205: Introduction to Writing, Rhetorics and Literacies (L)	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		

Natural Science - Quantitative (SQ) 4

❖ Complete Mathematics (MA) requirement.

Maintain 2.00 GPA in Major Courses.

Term hours subtotal: 14

Term 4 44 - 60 Credit Hours Critical course signified by ❖	Hours	Minimum Grade	Notes
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❖ ENG Elective

3 C

• Explore an [internship](#)

Second Language: Requirement satisfied through the following:

\* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. 4 C

Natural Science - Quantitative (SQ) OR Natural Science - General (SG) 4

Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) 3

Elective 2

Maintain 2.00 GPA in Major Courses.

Term hours subtotal: 16

Term 5 60 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ ENG 300: Your Degree in the World

1 C

Complete 2 courses:

★ ENG 390: Methods of Inquiry (L) OR ENG 391: Writing in Context OR ENG 392: History of Rhetorical Theory (HU) OR ENG 393: Theories of Literacy 6 C

Computer/Statistics/Quantitative Applications (CS) 3

Complete 2 courses: 5

Upper Division Elective

Maintain 2.00 GPA in Major Courses.

Term hours subtotal: 15

• ENG electives must be taken at the 200 level or above.

Term 6 75 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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Complete 2 courses:

★ ENG 390: Methods of Inquiry (L) OR ENG 391: Writing in Context OR ENG 392: History of Rhetorical Theory (HU) OR ENG 393: Theories of Literacy 6 C

★ Upper Division Directed Elective 3 C

Upper Division Elective 3

Elective 3

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Maintain 2.00 GPA in Major Courses.

Term hours subtotal: 15

• ENG electives must be taken at the 200 level or above  
• Research [employment opportunities](#).

Term 7 90 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ Complete 2 courses:

Upper Division Directed Elective 6 C

ENG Elective 3 C

Complete 2 courses: 6

Upper Division Elective

• The required ENG 484 internship may be taken in either term 7 or term 8.  
• ENG electives must be taken at the 200 level or above.

Maintain 2.00 GPA in Major Courses.

- Apply for **full-time career opportunities**

Term hours subtotal: 15

Term 8 105 - 120 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ ENG 484: Internship	3	C	<ul style="list-style-type: none"><li>• ENG electives must be taken at the 200 level or above.</li><li>• The required ENG 484 internship may be taken in either term 7 or term 8.</li></ul>
Complete 2 courses: Upper Division Elective	6		
Complete 2 courses: Elective	6		
Maintain 2.00 GPA in Major Courses.			
Term hours subtotal:	15		

#### Hide Course List(s)/Track Group(s)

##### Directed Electives

ENG 301: Writing for the Professions (L)

ENG 311: Persuasive Writing (L)

ENG 317: Cross-Cultural Writing ((L or HU) & G)

ENG 338: Protest Literature

ENG 370: Science, Values, and the Public

ENG 371: Rhetoric of the Environmental Movement

ENG 409: Analyzing Rhetoric

ENG 419: Writing for Podcasts

ENG 472: Rhetorical Studies

#### Notes:

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

#### General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.








## 2023 - 2024 Major Map


### Family and Human Development, BS

School/College: [The College of Liberal Arts and Sciences](#)



Location: [Tempe](#)



LAFASBS

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 FAS 101: Personal Growth and Relationships (SB) OR CDE 232: Human Development (SB)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>Select your <b>Career Interest Community</b> and play <a href="mailto:me3@asu">me3@ASU</a>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
MAT 142: College Mathematics (MA)	3	C	
Related Area Course	3	C	
Elective	3		
Term hours subtotal:	16		
Term 2 16 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 FAS 101: Personal Growth and Relationships (SB) OR CDE 232: Human Development (SB)	3	C	<ul style="list-style-type: none"> <li>Create a first draft <b>resume</b>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
FAS 201: Careers in Family and Human Development	1	C	
Related Area Course	3	C	
Natural Science - Quantitative (SQ)	4		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	14		
Term 3 30 - 46 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
Science and Society Elective	3	C	
CDE OR FAS Elective	3	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Elective	3		
 Complete First-Year Composition requirement.			

 Complete Mathematics (MA) requirement.



Term hours subtotal: 16

Term 4 46 - 61 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 FAS 290: Introduction to Social Science Research	3	C	• Explore an <b>internship</b> .
Related Area Course	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Literacy and Critical Inquiry (L)	3		
Elective	3		
Term hours subtotal:	15		

Term 5 61 - 76 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 SOC 390: Social Statistics I (CS) OR STP 226: Elements of Statistics (CS)	3	C	
FAS 331: Modern Family Relationships (SB)	3	C	
FAS 370: Family Ethnic and Cultural Diversity (SB & C)	3	C	
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	15		

Term 6 76 - 91 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
CDE 312: Adolescence (SB) OR CDE 414: The School-Aged Child: Development in the Elementary Years OR CDE 418: Aging and the Life Course (SB & H) OR CDE 430: Infant and Toddler Development in the Family (SB)	3	C	• Research <b>employment opportunities</b> . • A maximum of six credits combined of FAS 390, FAS 484 and FAS 499 may apply to major electives.
CDE OR FAS Upper Division Elective	3	C	
Upper Division Science and Society Elective	3	C	
Upper Division Elective OR FAS 484: Internship	3		
Elective	3		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 91 - 106 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
CDE 450: Childhood Disorders and Family Functioning (L) OR FAS  361: Applied Research Methods (L or SB) OR FAS 435: Advanced Topics in Modern Family Relationships (L or SB)	3	C	• Gather <b>professional references</b> .
CDE OR FAS Upper Division Elective	3	C	
Complete 2 courses: Upper Division Elective	6		
Elective	3		
Term hours subtotal:	15		

Term 8 106 - 120 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 CDE OR FAS Upper Division Elective	3	C	• Apply for <b>full-time career opportunities</b> .
Complete 2 courses: Upper Division Elective	6		



Complete 2 courses:

5

Elective

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Term hours subtotal: 14

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

#### Hide Course List(s)/Track Group(s)

##### Related Area Courses

CAP OR COM OR DST OR ECS OR NLM  
OR OGL OR PRM OR PSY OR SHS OR  
SOC OR SPE OR SWU Elective

#### Notes:

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

#### General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.







## 2023 - 2024 Major Map

### Family and Human Development, BS

School/College: [The College of Liberal Arts and Sciences](#)

Location: [Online ASU Local](#)

LAFASBS

Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CDE 232: Human Development (SB) OR FAS 101: Personal Growth and Relationships (SB)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar is required for all first-year students</li> <li>Select your <a href="#">Career Interest Community</a> and play <a href="mailto:me3@asu">me3@ASU</a>.</li> </ul>
ASU 101-LA: The ASU Experience	1		
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		
Term 1 - B 7 - 14 Credit Hours	Hours	Minimum Grade	Notes
FAS 201: Careers in Family and Human Development	1	C	<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> </ul>
Related Area Course	3	C	
Elective	3		
Term hours subtotal:	7		
Term 2 - A 14 - 20 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CDE 232: Human Development (SB) OR FAS 101: Personal Growth and Relationships (SB)	3	C	
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	6		
Term 2 - B 20 - 26 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
MAT 142: College Mathematics (MA)	3	C	<ul style="list-style-type: none"> <li>This degree requires completion of MAT 142 with a grade of C or better. Transfer students who have not completed a math course directly equivalent to an ASU course meeting the requirement will be required to take an additional math course.</li> <li>Create a first draft <a href="#">resume</a>.</li> </ul>
Related Area Course	3	C	
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	6		
Term 3 - A 26 - 33 Credit Hours	Hours	Minimum Grade	Notes

Natural Science - Quantitative (SQ)	4
Elective	3
Term hours subtotal:	7

Term 3 - B 33 - 39 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Elective	3		
⚠ Complete First-Year Composition requirement.			
⚠ Complete Mathematics (MA) requirement.			
Term hours subtotal:	6		

Term 4 - A 39 - 45 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
⚠ FAS 290: Introduction to Social Science Research	3	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Term hours subtotal:	6		

Term 4 - B 45 - 52 Credit Hours	Hours	Minimum Grade	Notes
Related Area Course	3	C	• Develop your skills
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	7		

Term 5 - A 52 - 58 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ SOC 390: Social Statistics I (CS) OR STP 226: Elements of Statistics (CS)	3	C	
FAS 331: Modern Family Relationships (SB)	3	C	
Term hours subtotal:	6		

Term 5 - B 58 - 64 Credit Hours	Hours	Minimum Grade	Notes
FAS 370: Family Ethnic and Cultural Diversity (SB & C)	3	C	
CDE OR FAS Elective	3	C	
Term hours subtotal:	6		

Term 6 - A 64 - 70 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ CDE OR FAS Upper Division Elective	3	C	• A maximum of six credits combined of FAS 390, FAS 484 and FAS 499 may apply to major electives.
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	6		

Term 6 - B 70 - 76 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
Science and Society Elective	3	C	• Research employment opportunities
Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 76 - 82 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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CDE 312: Adolescence (SB) OR CDE 414: The School-Aged Child:

★ Development in the Elementary Years OR CDE 418: Aging and the Life Course (SB & H) OR CDE 430: Infant and Toddler Development in the Family (SB)

3 C

Upper Division Elective

3

Term hours subtotal: 6

Term 7 - B 82 - 88 Credit Hours	Hours	Minimum Grade	Notes
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Upper Division Science and Society Elective

3 C

Elective

3

Term hours subtotal: 6

Term 8 - A 88 - 94 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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FAS 361: Applied Research Methods (L or SB) OR FAS 435: Advanced

★ Topics in Modern Family Relationships (L or SB) OR CDE 450: Childhood Disorders and Family Functioning (L)

3 C

Elective

3

Term hours subtotal: 6

Term 8 - B 94 - 100 Credit Hours	Hours	Minimum Grade	Notes
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Complete 2 courses:

Upper Division Elective

6

• Gather professional references

Term hours subtotal: 6

Term 9 - A 100 - 106 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ CDE OR FAS Upper Division Elective

3 C

Upper Division Elective

3

Term hours subtotal: 6

Term 9 - B 106 - 112 Credit Hours	Hours	Minimum Grade	Notes
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Complete 2 courses:

Upper Division Elective

6

Term hours subtotal: 6

Term 10 - A 112 - 118 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ CDE OR FAS Upper Division Elective

3 C

Upper Division Elective

3

• Apply for full-time career opportunities

Term hours subtotal: 6

Term 10 - B 118 - 120 Credit Hours	Hours	Minimum Grade	Notes
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Elective

2

Term hours subtotal: 2

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Related Area Courses

CAP OR COM OR DST OR ECS OR NLM  
OR OGL OR PRM OR PSY OR SHS OR  
SOC OR SPE OR SWU Elective

Notes:

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map



### Film (Film and Media Studies), BA



School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe](#)



LAFMSBA




Term 1 0 - 14 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 FMS 100: Introduction to Film and Media Studies (HU)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li><b>ASU Language Placement:</b> Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.</li> <li>Select your <b>career interest area</b> and play <a href="mailto:me3@ASU">me3@ASU</a>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Mathematics (MA) ( MAT 142 recommended)	3		
Term hours subtotal:	14		





Term 2 14 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 FMS 200: Film and Media History ((L or HU) & H)	3	C	<ul style="list-style-type: none"> <li>Join a <b>student club</b> or professional organization</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		




Term 3 30 - 44 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	<ul style="list-style-type: none"> <li>Visit <b>Career and Professional Development Services</b> and meet with a career advisor for assistance with career planning and networking.</li> </ul>
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB)	3		
 Complete Mathematics (MA) requirement.			

Term hours subtotal: 14

Term 4 44 - 60 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 FMS OR FMP Elective	3	C	• Explore an <a href="#">internship</a>
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	2		
Term hours subtotal:	16		

Term 5 60 - 75 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
 FMS 300: Television Studies (L or HU) OR FMS 351: Emerging Digital Media OR FMS 380: Race and Gender in U.S. Media (HU & C)	3	C	
 Complete 2 courses: Directed Electives	6	C	
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
 FMS 300: Television Studies (L or HU) OR FMS 351: Emerging Digital Media OR FMS 380: Race and Gender in U.S. Media (HU & C)	3	C	• Research <a href="#">employment opportunities</a>
 Directed Electives	3	C	
Complete 3 courses: Upper Division Elective	9		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
 FMS 300: Television Studies (L or HU) OR FMS 351: Emerging Digital Media OR FMS 380: Race and Gender in U.S. Media (HU & C)	3	C	• Apply for <a href="#">full-time career opportunities</a>
 Directed Electives	3	C	
Complete 3 courses: Upper Division Elective	9		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
 Directed Electives	3	C	
FMS OR FMP Upper Division Elective OR FMS 484: Internship	3	C	
Complete 3 courses: Upper Division Elective	9		
Term hours subtotal:	15		

## Hide Course List(s)/Track Group(s)

### Directed Electives

FMS 209: Screenwriting Fundamentals

FMS 302: U.S. Media Industries

FMS 340: Contemporary American Film and Popular Culture (HU)

FMS 360: Media Genres

FMS 365: Video Games and Narrative

FMS 374: Film and Media Visionaries

FMS 461: Film Theory and Criticism

FMS 474: Women and Power in Media

### Notes:

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

### General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.








## 2023 - 2024 Major Map

### Film (Film and Media Studies), BA

School/College: [The College of Liberal Arts and Sciences](#)

Location: [Online ASU Local](#)

LAFMSBA

Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 FMS 100: Introduction to Film and Media Studies (HU)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar is required for all first-year students</li> </ul>
ASU 101-LA: The ASU Experience	1		
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		
Term 1 - B 7 - 14 Credit Hours	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li><b>ASU Language Placement:</b> Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.</li> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> <li>Select your <b>career interest area</b> and play <b>me3@ASU</b>.</li> </ul>
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Term hours subtotal:	7		
Term 2 - A 14 - 21 Credit Hours	Hours	Minimum Grade	Notes
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	<ul style="list-style-type: none"> <li>Join a <b>student club</b> or professional organization</li> </ul>
Mathematics (MA) ( MAT 142 recommended)	3		
Term hours subtotal:	7		
Term 2 - B 21 - 28 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 FMS 200: Film and Media History ((L or HU) & H)	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	7		

Term 3 - A 28 - 35 Credit Hours	Hours	Minimum Grade	Notes
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	7		
Term 3 - B 35 - 41 Credit Hours Critical course signified by ⚠	Hours	Minimum Grade	Notes
Literacy and Critical Inquiry (L)	3		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
⚠ Complete Mathematics (MA) requirement.			
Term hours subtotal:	6		• Contact Career and Professional Development Services and schedule an appointment with a career advisor for assistance with career planning and networking.
Term 4 - A 41 - 47 Credit Hours Critical course signified by ⚠	Hours	Minimum Grade	Notes
⚠ FMS OR FMP Elective	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Term hours subtotal:	6		• Explore an internship
Term 4 - B 47 - 53 Credit Hours	Hours	Minimum Grade	Notes
Natural Science - Quantitative (SQ)	4		
Elective	2		
Term hours subtotal:	6		
Term 5 - A 53 - 59 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ FMS 300: Television Studies (L or HU) OR FMS 351: Emerging Digital Media OR FMS 380: Race and Gender in U.S. Media (HU & C)	3	C	
★ Directed Electives	3	C	
Term hours subtotal:	6		
Term 5 - B 59 - 66 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Directed Electives	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	7		
Term 6 - A 66 - 72 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ FMS 300: Television Studies (L or HU) OR FMS 351: Emerging Digital Media OR FMS 380: Race and Gender in U.S. Media (HU & C)	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		• Research employment opportunities
Term 6 - B 72 - 78 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ FMS 300: Television Studies (L or HU) OR FMS 351: Emerging Digital Media OR FMS 380: Race and Gender in U.S. Media (HU & C)	3	C	
Upper Division Elective	3		

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 6

Term 7 - A 78 - 84 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ Directed Electives	3	C	• Gather professional references.
Upper Division Elective	3		
Term hours subtotal:	6		

Term 7 - B 84 - 90 Credit Hours	Hours	Minimum Grade	Notes
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Complete 2 courses:			
Upper Division Elective	6		
Term hours subtotal:	6		

Term 8 - A 90 - 96 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ Directed Electives	3	C	• Create or update your resume.
Elective	3		
Term hours subtotal:	6		

Term 8 - B 96 - 102 Credit Hours	Hours	Minimum Grade	Notes
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Complete 2 courses:			
Upper Division Elective	6		• Use Handshake to research employment opportunities.
Term hours subtotal:	6		

Term 9 - A 102 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ FMS OR FMP Upper Division Elective	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		

Term 9 - B 108 - 114 Credit Hours	Hours	Minimum Grade	Notes
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Complete 2 courses:			
Upper Division Elective	6		• Apply for full-time career opportunities.
Term hours subtotal:	6		

Term 10 - A 114 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ Directed Electives	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		

Hide Course List(s)/Track Group(s)

Directed Electives

FMS 209: Screenwriting Fundamentals

FMS 302: U.S. Media Industries

FMS 340: Contemporary American Film and Popular Culture (HU)

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FMS 360: Media Genres

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FMS 365: Video Games and Narrative

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FMS 374: Film and Media Visionaries

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FMS 461: Film Theory and Criticism

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**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.







## 2023 - 2024 Major Map

### French, BA

School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe](#)

LAFREBA

Term 1 0 - 14 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 SLC 201: Introduction to Linguistics (HU or SB) OR SLC 202: Exploring Cultures: Words, Images, Stories (HU & G)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific First-Year Seminar required of all first-year students.</li> <li><b>ASU Language Placement:</b> Only true beginners are eligible to take 101-level language courses. Students with previous experience in the language are required to take a placement test.</li> <li>Learn about <b>French Language Intensive Courses</b>.</li> <li>Students may opt to take FRE 110 Intensive French I (equivalent to FRE 101 and FRE 102) in term 1. This course is offered in the Fall semester.</li> <li>Engage in <b>French</b> at ASU.</li> </ul>
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
FRE 101: Elementary French I (G)	4	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
MAT 142: College Mathematics (MA)	3	C	
Maintain 2.33 GPA in Critical Tracking Courses.			
Term hours subtotal:	14		
Term 2 14 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>Start planning your study abroad experience. Learn about faculty-directed summer programs in <b>Lyon, France</b>. Attend a <b>Financing Your Study Abroad Program Workshop</b>.</li> <li>Activate your <b>Handshake account</b> and build out your profile.</li> <li>Students may opt to take FRE 210 <b>Intensive French II</b> (equivalent to FRE 201 and FRE 202) in term 2. This course is offered in Spring only.</li> </ul>
FRE 102: Elementary French II (G)	4	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Social-Behavioral Sciences (SB)	3		
Elective	3		
 Complete ENG 101 or ENG 105 or ENG 107 course(s).			
Maintain 2.33 GPA in Critical Tracking Courses.			
Term hours subtotal:	16		
Term 3 30 - 44 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
FRE 201: Intermediate French I (G)	4	C	<ul style="list-style-type: none"> <li>Meet with a School of International Letters and Cultures <b>academic advisor</b> to learn about <b>internships</b> and <b>scholarships and awards</b> for language and culture majors.</li> </ul>
Natural Science - Quantitative (SQ)	4		
Complete 2 courses: Elective	6		
 Complete First-Year Composition requirement.			

❖ Complete Mathematics (MA) requirement.

Maintain 2.33 GPA in Critical Tracking Courses.

Term hours subtotal: 14

- French offers a huge advantage if you are interested in working for the **Peace Corps**.

Term 4 44 - 60 Credit Hours Critical course signified by ❖	Hours	Minimum Grade	Notes
❖ FRE 202: Intermediate French II (G)	4	C	<ul style="list-style-type: none"> <li>• Meet with a School of International Letters and Cultures <b>academic advisor</b> to learn which semester or academic year study abroad program works best with your major.</li> </ul>
Upper Division Related Area Course	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Complete 2 courses: Elective	5		
Maintain 2.33 GPA in Critical Tracking Courses.			
Term hours subtotal:	16		

Term 5 60 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ FRE 305: Readings in French Literature (G)	3	C	<ul style="list-style-type: none"> <li>• Enroll in listed courses or meet with your <b>academic advisor</b> about participating in an International Letters and Cultures endorsed <b>study abroad program</b> for your major.</li> <li>• Find out about research opportunities with the <b>Humanities Lab at ASU</b>.</li> </ul>
★ FRE 311: Oral and Written Expression I (G)	3	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Literacy and Critical Inquiry (L)	3		
Upper Division Elective	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ FRE 312: Oral and Written Expression II (G)	3	C	<ul style="list-style-type: none"> <li>• Learn about <b>national scholarships, fellowships, and research opportunities</b>.</li> <li>• Secure a <b>part-time job or volunteer experience</b>.</li> <li>• Use Handshake to research <b>employment opportunities</b>.</li> </ul>
★ FRE 321: French Cultural Masterpieces I ((L or HU) & H) OR FRE 322: French Cultural Masterpieces II (L or HU)	3	C	
Social-Behavioral Sciences (SB)	3		
Upper Division Elective	3		
Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ FRE 321: French Cultural Masterpieces I ((L or HU) & H) OR FRE 322: French Cultural Masterpieces II (L or HU)	3	C	<ul style="list-style-type: none"> <li>• Enroll in listed courses or meet with your <b>academic advisor</b> about participating in an International Letters and Cultures recommended <b>study abroad program for your major</b>.</li> </ul>
★ Complete 2 courses: FRE 4** Elective	6	C	
Upper Division Elective OR FRE 484: Internship	3		
Elective	3		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ FRE 4** Elective	3	C	<ul style="list-style-type: none"> <li>• Attend an <b>ASU Career Services</b> workshop or Job Fair.</li> </ul>
★ FRE Upper Division Elective	3	C	

<i>Complete 2 courses:</i>	6
Upper Division Elective	
Elective	3
Term hours subtotal:	15

Hide Course List(s)/Track Group(s)

Related Area Course
ARS 310: The Renaissance in Tuscany
ARS 414: Monasteries, Madonnas and Manuscripts (HU & H)
ARS 424: Italian Baroque Art (HU & H)
ARS 438: Art of the 20th Century I (HU & H)
ARS 439: Art of the 20th Century II (HU & H)
COM 371: Language, Culture, and Communication (SB & C & G)
FMP 404: World Cinema (G)
GCU 325: Geography of Europe (SB & G)
GCU 359: Cities of the World I (SB & G & H)
HST 349: Early Middle Ages ((HU or SB) & H)
HST 350: Later Middle Ages ((HU or SB) & H)
HST 351: Renaissance Europe ((L or HU or SB) & H)
HST 352: Europe's Reformations ((L or HU or SB) & H)
HST 356: Europe since 1945 (SB & G & H)
HST 360: The Crusades: Religion & Conflict in the Middle Ages (SB & H)
HST 361: Witchcraft and Heresy in Europe ((L or HU) & H)
HST 362: Sex and Society in Classical and Medieval Europe (SB & H)
HST 363: Sex and Society in Early Modern Europe ((HU or SB) & H)
HST 364: Sex and Society in Modern Europe ((L or SB) & H)
HST 365: World Wars I and II: Europe's Eastern Front
HST 368: Culture and Imagination in European History (HU & H)

HST 465: Women in Europe, 1750 to Present  
(HU or SB) & H

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ITA 350: Food and Culture: The  
Mediterranean Lifestyle in Italy

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POS 356: European Union (SB & G)

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POS 360: World Politics (SB & G)

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POS 486: International Political Economy (SB  
& G)

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REL 385: Contemporary Western Religious  
Thought (HU)

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REL 470: Religion in the Middle Ages (HU &  
H)

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REL 471: Reformation and Modern  
Christianity (HU & H)

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SGS 360: Cultural Aspects of Globalization

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SLC 340: Approaches to International Cinema  
(HU & G)

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SLC 373: Roman History I: Foundations and  
Republic

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SLC 374: Roman History II: The Roman  
Empire (HU & H)

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SLC 423: Italian Organized Crime in Films  
and History (L or HU) & G)

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SLC 429: Studies in European Literature and  
Culture

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SLC 439: Art in Exile: VladĀ-mir  
VladĀ-mirovich Nabokov (L or HU)

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SLC 445: Holocaust, War and German  
Memory (HU)

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SLC 446: Weimar-Era German Film

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SLC 447: German Modernism

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SLC 455: Berlin: Migration, Arts and  
Activism (G)

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**Notes:**

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.



**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

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**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map



### Gender, Women and Sexuality Studies, BA


School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe](#)

LAWSTBA

Term 1 0 - 14 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 WST 100: Women, Gender, and Society (SB & C)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>ASU Language Placement: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
MAT 142: College Mathematics (MA)	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Term hours subtotal:	14		

Term 2 14 - 30 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>Activate your <a href="#">Handshake account</a> and build out your profile.</li> </ul>
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Women and Gender Studies Related Area Course	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 30 - 46 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
WST Elective	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Humanities, Arts and Design (HU)	3		
Literacy and Critical Inquiry (L)	3		
Elective	3		

❗ Complete First-Year Composition requirement.

❗ Complete Mathematics (MA) requirement.

Term hours subtotal: 16

Term 4 46 - 60 Credit Hours Critical course signified by ❗	Hours	Minimum Grade	Notes
❗ WST 377: History of American Feminist Thought (H & C) OR WST 378: Global Feminist Theory (L & G)	3	C	• Explore an <b>internship</b>
Upper Division Women and Gender Studies Related Area Course	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	14		

Term 5 60 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ WST 380: Race, Gender, and Class (SB & C)	3	C	• Develop your <b>professional online presence</b>
WST Upper Division Elective	3	C	
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Elective	2		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
Upper Division Women and Gender Studies Related Area Course	3	C	
Complete 2 courses: WST Upper Division Elective	6	C	
Complete 2 courses: Upper Division Elective	6		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ WST 4** Elective OR SST 484: Internship	3	C	• SST 484: Internship preferred for Tempe campus students. • SST 484 requires departmental approval for enrollment. • Gather <b>professional references</b> .
Upper Division Women and Gender Studies Related Area Course	3	C	
WST Upper Division Elective	3	C	
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ WST 498: Pro-Seminar (L)	3	C	
Upper Division Women and Gender Studies Related Area Course	3	C	
Upper Division Elective	3		
Complete 2 courses: Elective	6		

Term hours subtotal: 15

Hide Course List(s)/Track Group(s)

Gender, Women, and Sexuality Studies  
Related Area Courses

AFR OR AMS OR APA OR JUS OR SST OR  
WST Elective

ARB 341: Quran Text and Women (HU & H)

ARS 485: Women in the Visual Arts (L)

ASB 210: Human Sexuality: Anthropological  
Perspectives (SB & G)

ASB 211: Women in Other Cultures ((HU or  
SB) & G)

COM 316: Gender and Communication (SB &  
C)

COM 416: Gender and Race in the Media

COM 446: Performance of Literature Written  
by Women ((L or HU) & C)

CRJ 305: Gender, Crime, and Criminal Justice  
(C)

ENG 364: Women and Literature (HU)

ENG 454: Gender and Literature (L or HU)

ENG 455: Contemporary Women Writers

ENG 460: Ethnic Women Writers

ENG 461: Studies in Women and Literature

ENG 462: Africana Literature (HU & G)

FAS 331: Modern Family Relationships (SB)

FAS 332: Human Sexuality (SB)

FAS 436: Sexuality in Mid-Life and Beyond

HST 327: Women in U.S. History, 1600 to  
1880 ((HU or SB) & C & H)

HST 328: Women in U.S. History, 1880-1980  
((HU or SB) & C & H)

HST 329: Women in 20th-Century U.S. West  
(H & C)

HST 465: Women in Europe, 1750 to Present  
((HU or SB) & H)

IAP 310: Women in Art

LSC 363: Genes, Race, Gender, and Society  
(L)

MUS 410: History of Women in Music (HU & C & H)

POS 435: Women and Politics (SB & C)

POS 436: Gender, Sexuality, Nation-States

POS 437: Women, Power, and Politics (G)

PSY 369: Biology of Human Sexuality

PSY 385: Psychology of Gender (SB)

PUP 445: Women and Environments (C)

REL 369: Women in Islam

REL 390: Women, Gender and Religion (HU & G)

REL 393: Religion and Sex (HU)

SOC 264: Sociology of Gender (SB & C)

SOC 315: Sociology of Dating, Relationships and Marriage (SB)

SOC 424: Women and Health (SB)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

## First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map

### Gender, Women and Sexuality Studies, BA

School/College: [The College of Liberal Arts and Sciences](#)



Location: [Online ASU Local](#)

LAWSTBA



Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 WST 100: Women, Gender, and Society (SB & C)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li><b>ASU Language Placement and Testing:</b> Only true beginners are eligible for 101-level second language courses. All other students are required to take a placement exam, regardless of prior credit earned, to verify the course level is appropriate. Students already proficient in a second language may take a proficiency exam.</li> </ul>
ASU 101-LA: The ASU Experience	1		
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		




Term 1 - B 7 - 16 Credit Hours	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> <li>Activate your <b>Handshake account</b> and build out your profile.</li> </ul>
MAT 142: College Mathematics (MA)	3	C	
Elective	3		
Term hours subtotal:	9		



Term 2 - A 16 - 23 Credit Hours	Hours	Minimum Grade	Notes
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	7		

Term 2 - B 23 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Women and Gender Studies Related Area Course	3	C	
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			

Term hours subtotal: 7

Term 3 - A 30 - 37 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 WST Elective	3	C	
Second Language: Requirement satisfied through the following:			
* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Term hours subtotal: 7			


Term 3 - B 37 - 44 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
Second Language: Requirement satisfied through the following:			
* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Computer/Statistics/Quantitative Applications (CS)	3		
 Complete First-Year Composition requirement.			
 Complete Mathematics (MA) requirement.			
Term hours subtotal: 7			

Term 4 - A 44 - 51 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 WST 377: History of American Feminist Thought (H & C) OR WST 378: Global Feminist Theory (L & G)	3	C	
Natural Science - Quantitative (SQ)	4		
Term hours subtotal: 7			

Term 4 - B 51 - 60 Credit Hours	Hours	Minimum Grade	Notes
WST Upper Division Elective	3	C	• Explore an <b>internship</b> .
Literacy and Critical Inquiry (L)	3		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Term hours subtotal: 9			

Term 5 - A 60 - 67 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 WST 380: Race, Gender, and Class (SB & C)	3	C	
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Term hours subtotal: 7			

Term 5 - B 67 - 76 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 WST Upper Division Elective	3	C	• Develop your <b>professional online presence</b>
Upper Division Women and Gender Studies Related Area Course	3	C	
Humanities, Arts and Design (HU)	3		
Term hours subtotal: 9			

Term 6 - A 76 - 82 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 WST Upper Division Elective	3	C	
Elective	3		
Term hours subtotal: 6			



Term 6 - B 82 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
Upper Division Women and Gender Studies Related Area Course	3	C	
Upper Division Elective	3		
Elective	2		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	8		

Term 7 - A 90 - 99 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ WST 4** Elective	3	C	
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	9		

Term 7 - B 99 - 105 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Women and Gender Studies Related Area Course	3	C	• Gather professional references
WST Upper Division Elective	3	C	
Term hours subtotal:	6		

Term 8 - A 105 - 114 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ WST 498: Pro-Seminar (L)	3	C	
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	9		

Term 8 - B 114 - 120 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Women and Gender Studies Related Area Course	3	C	
Elective	3		
Term hours subtotal:	6		

Hide Course List(s)/Track Group(s)

Women and Gender Studies Related Area Course
AFR 375: Race, Gender and Sport (SB & C)
AFR 460: Race, Gender, and Media (C)
APA 330: Asian Pacific American Genders and Sexualities ((L or SB) & C)
ARS 485: Women in the Visual Arts (L)
COM 316: Gender and Communication (SB & C)
CRJ 305: Gender, Crime, and Criminal Justice (C)

ENG 460: Ethnic Women Writers

FAS 331: Modern Family Relationships (SB)

FAS 332: Human Sexuality (SB)

HST 327: Women in U.S. History, 1600 to 1880 ((HU or SB) & C & H)

HST 328: Women in U.S. History, 1880-1980 ((HU or SB) & C & H)

JUS 329: Domestic Violence (SB)

POS 435: Women and Politics (SB & C)

PSY 385: Psychology of Gender (SB)

REL 390: Women, Gender and Religion (HU & G)

SOC 264: Sociology of Gender (SB & C)

SOC 315: Sociology of Dating, Relationships and Marriage (SB)

SOC 424: Women and Health (SB)

WST Upper Division Elective

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.




## 2023 - 2024 Major Map





### Geographic Information Science, BS



School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe](#)

LAGISBS

Term 1 0 - 15 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>• MAT 170 is the required math course for this major. If a student does not qualify for MAT 170 enrollment, they should enroll in MAT 117 to prepare for MAT 170.</li> <li>• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>• Students will select two Related Area courses from the list of subject areas below.</li> <li>• Set up your <a href="#">Handshake</a> account, play <a href="mailto:me3@asu.edu">me3@asu.edu</a> and <b>select your area of career interest</b>.</li> </ul>
 Mathematics (MA)	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
Related Area Course	3	C	
Natural Science - Quantitative (SQ)	4		
Elective	1		
Term hours subtotal:	15		

Term 2 15 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>• Students will select two Related Area courses from the list of subject areas below.</li> <li>• Join a <a href="#">student club</a> or professional development. Information on ASU student organizations sponsored by the School of Geographical Sciences and Urban Planning is available <a href="#">here</a>.</li> <li>• <b>Research study abroad opportunities and global virtual internships.</b></li> </ul>
 GIS 205: Geographic Information Science I (CS)	3	C	
 MAT 170: Precalculus (MA)	3	C	
Related Area Course	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		

Term 3 30 - 46 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 GIS 211: Geographic Information Science II (CS)	4	C	<ul style="list-style-type: none"> <li>• For a full list of Science and Society courses, go <a href="#">here</a>.</li> <li>• Visit the <a href="#">SGSUP Career Development</a> page to schedule a meeting with your career advisor for assistance with career planning and networking.</li> </ul>
GIS 270: Statistics for Geography and Planning	3	C	
Science and Society Elective	3	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Social-Behavioral Sciences (SB)	3		

Complete First-Year Composition requirement.

Complete Mathematics (MA) requirement.

Term hours subtotal: 16

Term 4 46 - 60 Credit Hours Critical course signified by ⚠	Hours	Minimum Grade	Notes
⚠ GIS 222: Programming Principles in GIS I	3	C	<ul style="list-style-type: none"><li>Students interested in <b>finding an internship</b> should start investigating internship opportunities and researching potential internship sites. Students can <b>earn academic credit while completing an internship</b>.</li></ul>
⚠ GIS 311: Geographic Information Science III (CS)	4	C	
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	14		

Term 5 60 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ GIS 322: Programming Principles in GIS II	3	C	<ul style="list-style-type: none"><li>Attend SGSUP Career Navigator event.</li><li>Students interested in <b>conducting supervised research</b> with a faculty member should initiate contact with faculty members who perform research in their content area of interest.</li><li>Students interested in pursuing an accelerated master's degree in <b>urban and environmental planning</b> should initiate contact with <b>graduate advising</b>.</li></ul>
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Upper Division Elective	3		
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ GIS 470: Advanced Statistics for Geography and Planning (CS)	3		<ul style="list-style-type: none"><li>Visit the <b>SGSUP Career Development page</b> to schedule a meeting with your career advisor for resume review, mock interviewing, or advisement on job searching.</li><li>Students interested in continuing to graduate study following the completion of the undergraduate program should start investigating potential graduate programs, including admissions requirements and deadlines. Information on the graduate programs offered through the School of Geographical Sciences and Urban Planning is available <b>here</b>.</li></ul>
★ GIS Upper Division Elective	3	C	
Upper Division Elective OR GIS 484: Internship	3		
Complete 2 courses: Elective	6		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 106 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ GIS Upper Division Elective	3	C	<ul style="list-style-type: none"><li>For more information on the Science and Society requirement, visit <b>this webpage</b>.</li></ul>
Upper Division Science and Society Elective	3	C	

Upper Division Literacy and Critical Inquiry (L)	3
Upper Division Elective	3
Elective	4
Term hours subtotal:	16

- Students interested in entering the job market after graduation should be reviewing the SGSUP [employee opportunities](#) site.
- Use Handshake to search for [employment opportunities](#).

Term 8 106 - 120 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Upper Division GIS Applied Experience Course	3	C	<ul style="list-style-type: none"> <li>• Use <a href="#">SGSUP Employment Opportunities</a> site to find full-time or part-time employment opportunities.</li> <li>• Don't forget to <a href="#">apply for graduation!</a></li> <li>• Stay connected with the School of Geographical Sciences and Urban Planning by connecting on <a href="#">LinkedIn</a>.</li> </ul>
★ GIS Upper Division Elective	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Complete 2 courses: Upper Division Elective	5		
Term hours subtotal:	14		

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

GIS Applied Experience Courses	Related Area Courses
GIS 484: Internship	CEE OR CSE OR EEE OR EGR OR FSE OR GCU OR GIS OR GPH OR IEE OR PUP
GIS 498: Pro-Seminar	Elective
GIS 499: Individualized Instruction	
GPH 492: Honors Directed Study	
GPH 493: Honors Thesis (L)	

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum  
**Total College Residency Hrs:** 12 minimum

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.




## 2023 - 2024 Major Map

### Geographic Information Science, BS

School/College: [The College of Liberal Arts and Sciences](#)



Location: [Online ASU Local](#)


LAGISBS

Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>• MAT 170 is the required math course for this major. If a student does not qualify for MAT 170 enrollment, they should enroll in MAT 117 to prepare for MAT 170.</li> <li>• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>• Set up your <a href="#">Handshake account</a>, play <a href="mailto:me3@asu.edu">me3@asu.edu</a>, and select your <a href="#">career interest area</a>.</li> </ul>
 Mathematics (MA)	3	C	
ASU 101-LA: The ASU Experience	1		
Term hours subtotal:	7		

Term 1 - B 7 - 13 Credit Hours	Hours	Minimum Grade	Notes
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		<ul style="list-style-type: none"> <li>• View ASU Online first-year student registration information <a href="#">here</a>.</li> </ul>
Elective	3		
Term hours subtotal:	6		

Term 2 - A 13 - 19 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>• Join a <a href="#">student club</a> or professional organization. Information on ASU student organizations sponsored by the School of Geographical Sciences and Urban Planning is available <a href="#">here</a>.</li> </ul>
 MAT 170: Precalculus (MA)	3	C	
Term hours subtotal:	6		

Term 2 - B 19 - 25 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 GIS 205: Geographic Information Science I (CS)	3	C	
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	6		



Term 3 - A 25 - 31 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
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 GIS 222: Programming Principles in GIS I	3	C
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3	
Term hours subtotal:	6	



- Visit the [SGSUP Career Development page](#) to schedule a meeting with your career advisor for assistance with career planning and networking.

Term 3 - B 31 - 38 Credit Hours	Hours	Minimum Grade	Notes
Related Area Course	3	C	<ul style="list-style-type: none"> <li>• <b>Network</b> in your career interest area.</li> </ul>
Natural Science - Quantitative (SQ)	4		
Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	7		

Term 4 - A 38 - 45 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 GIS 211: Geographic Information Science II (CS)	4	C	<ul style="list-style-type: none"> <li>• Students interested in <b>finding an internship</b> should start investigating internship opportunities and researching potential internship sites. Students can <b>earn academic credit while completing an internship</b>.</li> </ul>
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	7		

Term 4 - B 45 - 51 Credit Hours	Hours	Minimum Grade	Notes
Related Area Course	3	C	<ul style="list-style-type: none"> <li>• Create your professional online presence on <b>LinkedIn</b>.</li> </ul>
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	6		

Term 5 - A 51 - 57 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 GIS 270: Statistics for Geography and Planning	3	C	<ul style="list-style-type: none"> <li>• For a full list of Science and Society courses, go <b>here</b>.</li> <li>• Students interested in <b>conducting supervised research</b> with a faculty member should initiate contact with faculty members who perform research in their content area of interest.</li> </ul>
Science and Society Elective	3	C	
Term hours subtotal:	6		

Term 5 - B 57 - 64 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 GIS 311: Geographic Information Science III (CS)	4	C	<ul style="list-style-type: none"> <li>• Students interested in continuing to graduate study following the completion of the undergraduate program should start investigating potential graduate programs, including admissions requirements and deadlines. Information on the graduate programs offered through the School of Geographical Sciences and Urban Planning is available <b>here</b>.</li> </ul>
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	7		

Term 6 - A 64 - 70 Credit Hours	Hours	Minimum Grade	Notes
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		<ul style="list-style-type: none"> <li>Visit the <a href="#">SGSUP Career Development page</a> to schedule a meeting with your career advisor for resume review, mock interviewing, or advisement on job searching.</li> </ul>
Upper Division Elective	2		
Term hours subtotal:	6		

Term 6 - B 70 - 76 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ GIS 322: Programming Principles in GIS II	3	C	<ul style="list-style-type: none"> <li>Search available internships on the <a href="#">SGSUP Internship Opportunities site</a>.</li> </ul>
Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 76 - 82 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ GIS 470: Advanced Statistics for Geography and Planning (CS)	3	C	<ul style="list-style-type: none"> <li>Students interested in entering the job market after graduation should be reviewing the <a href="#">SGSUP employment opportunities site</a>.</li> </ul>
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	6		

Term 7 - B 82 - 90 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Literacy and Critical Inquiry (L)	3		<ul style="list-style-type: none"> <li>Use <a href="#">Handshake</a> to search for <a href="#">employment opportunities</a>.</li> </ul>
Complete 2 courses: Elective	5		
Term hours subtotal:	8		

Term 8 - A 90 - 96 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ GIS Upper Division Elective	3	C	<ul style="list-style-type: none"> <li>Complete an in person or virtual <a href="#">practice interview</a>.</li> </ul>
Upper Division Elective	3		
Term hours subtotal:	6		

Term 8 - B 96 - 102 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ GIS Upper Division Elective	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		

Term 9 - A 102 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ GIS Upper Division Elective	3	C	<ul style="list-style-type: none"> <li>Make sure to review <a href="#">SGSUP's Career Development Resources</a>.</li> </ul>
Upper Division Elective	3		
Term hours subtotal:	6		

Term 9 - B 108 - 114 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Science and Society Elective	3	C	<ul style="list-style-type: none"> <li>For more information about the Science and Society requirement, visit <a href="#">this webpage</a>.</li> </ul>
Upper Division Elective	3		

Term hours subtotal: 6

- Students planning to enter the job market should apply for **full-time career opportunities**.

Term 10 - A 114 - 120 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Upper Division GIS Applied Experience Course	3	C	<ul style="list-style-type: none"> <li>• Don't forget to <b>apply for graduation!</b></li> <li>• Stay connected with the School of Geographical Sciences and Urban Planning by connecting on <b>LinkedIn</b>.</li> </ul>
Elective	3		
Term hours subtotal:	6		

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

GIS Applied Experience Courses	Related Area Courses
GIS 484: Internship	CEE OR CSE OR EEE OR EGR OR FSE OR GCU OR GIS OR GPH OR IEE OR PUP
GIS 498: Pro-Seminar	Elective
GIS 499: Individualized Instruction	
GPH 492: Honors Directed Study	
GPH 493: Honors Thesis (L)	

**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)

**Total College Residency Hrs:** 12 minimum

- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.







## 2023 - 2024 Major Map

### Geography, BA

School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe](#)

LAGCUBA

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li><b>ASU Language Placement:</b> Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.</li> <li>Set up your <b>Handshake</b> account, play <b>me3@ASU</b> and select your <b>career interest area</b>.</li> </ul>
 GCU 102: Introduction to Human Geography (SB & G) OR GCU 121: World Geography (SB & G) or GCU 241: The Global Economy in Transition (SB & G) OR GIS 205: Geographic Information Science I (CS) OR GPH 111: Introduction to Physical Geography (SQ) AND GPH 112: Introduction to Physical Geography Lab (SQ)	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Elective	2		
Term hours subtotal:	16		
Term 2 16 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>Join a student club or professional organization. Information on ASU student organizations sponsored by the School of Geographical Sciences and Urban Planning is available <a href="#">here</a>.</li> <li>Research study abroad opportunities and global virtual internships. <a href="#">study abroad opportunities</a> and global virtual internships.</li> </ul>
 GCU 102: Introduction to Human Geography (SB & G) OR GCU 121: World Geography (SB & G) or GCU 241: The Global Economy in Transition (SB & G) OR GIS 205: Geographic Information Science I (CS) OR GPH 111: Introduction to Physical Geography (SQ) AND GPH 112: Introduction to Physical Geography Lab (SQ)	3	C	
MAT 142: College Mathematics (MA)	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Elective	1		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	14		
		Minimum	

Term 3 30 - 46 Credit Hours Critical course signified by ⚠	Hours	Grade	Notes
GCU 102: Introduction to Human Geography (SB & G) OR GCU 121: World Geography (SB & G) or GCU 241: The Global Economy in Transition (SB & G) OR GIS 205: Geographic Information Science I (CS) OR GPH 111: Introduction to Physical Geography (SQ) AND GPH 112: Introduction to Physical Geography Lab (SQ)	3	C	<ul style="list-style-type: none"> <li>Visit the <a href="#">SGSUP Career Development page</a> and <a href="#">Career and Professional Development Services</a> to meet with career advisors for assistance with career planning and networking.</li> </ul>
Related Area Course	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Literacy and Critical Inquiry (L)	3		
Complete First-Year Composition requirement.			
⚠ Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		

Term 4 46 - 61 Credit Hours Critical course signified by ⚠	Hours	Minimum Grade	Notes
GCU 102: Introduction to Human Geography (SB & G) OR GCU 121: World Geography (SB & G) or GCU 241: The Global Economy in Transition (SB & G) OR GIS 205: Geographic Information Science I (CS) OR GPH 111: Introduction to Physical Geography (SQ) AND GPH 112: Introduction to Physical Geography Lab (SQ)	4	C	<ul style="list-style-type: none"> <li>Students interested in <a href="#">finding an internship</a> should start investigating internship opportunities and researching potential internship sites. Students can <a href="#">earn academic credit while completing an internship</a>.</li> <li>Create your professional online presence on <a href="#">LinkedIn</a>.</li> </ul>
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Elective	3		
Term hours subtotal:	15		

Term 5 61 - 76 Credit Hours Necessary course signified by ⭐	Hours	Minimum Grade	Notes
⭐ GCU OR GIS OR GPH Upper Division Elective	3	C	<ul style="list-style-type: none"> <li>Attend <a href="#">SGSUP Career Navigator</a> event.</li> <li>Students interested in conducting supervised research with a faculty member should initiate contact with faculty members who perform research in their content area of interest. Information on research areas in the School of Geographical Sciences and Urban Planning is available <a href="#">here</a>.</li> <li>Students interested in pursuing an accelerated master's degree in <a href="#">geography</a> or <a href="#">urban and environmental planning</a> should initiate contact with <a href="#">graduate advising</a>.</li> </ul>
Related Area Course	3	C	
Upper Division Social-Behavioral Sciences (SB) OR Upper Division Humanities, Arts and Design (HU)	3		
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	15		

Term 6 76 - 91 Credit Hours Necessary course signified by ⭐	Hours	Minimum Grade	Notes
⭐ GCU Upper Division Elective OR GCU 484: Internship	3	C	<ul style="list-style-type: none"> <li>Students interested in continuing to graduate study following the completion of the undergraduate program should start investigating</li> </ul>
Related Area Course	3	C	
Upper Division Elective	3		
Complete 2 courses:			

Elective	6
.....	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).	
.....	
Term hours subtotal:	15

potential graduate programs, including admissions requirements and deadlines. Information on the graduate programs offered through the School of Geographical Sciences and Urban Planning is available [here](#).

- Visit the [SGSUP Career Development page](#) to schedule a meeting with your career advisor for resume review, mock interviewing, or advisement on job searching.

Term 7 91 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ GCU OR GIS OR GPH Upper Division Elective	3	C	<ul style="list-style-type: none"> <li>• Students interested in entering the job market after graduation should be reviewing the <a href="#">SGSUP employment opportunities</a> site.</li> <li>• Use Handshake to search for <a href="#">employment opportunities</a>.</li> </ul>
GCU Upper Division Elective OR GCU 484: Internship	3	C	
Complete 2 courses:	6		
Upper Division Elective			
Elective	2		
Term hours subtotal:	14		

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ GCU 496: Geographic Research Methods (L)	3	C	<ul style="list-style-type: none"> <li>• Use <a href="#">SGSUP Employment Opportunities</a> site to find full-time or part-time employment opportunities.</li> <li>• Don't forget to <a href="#">apply for graduation!</a></li> <li>• Stay connected with the School of Geographical Sciences and Urban Planning by connecting on <a href="#">LinkedIn</a>.</li> </ul>
GCU OR GIS OR GPH Upper Division Elective	3	C	
Complete 3 courses:	9		
Upper Division Elective			
Term hours subtotal:	15		

Hide Course List(s)/Track Group(s)

Related Area Courses

ASB OR GCU OR GIS OR GPH OR POS OR PUP OR SGS OR SOC OR SOS Elective

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map


### Geography, BA


School/College: [The College of Liberal Arts and Sciences](#)




Location: [Online ASU Local](#)

LAGCUBA

Term 1 - A 0 - 7 Credit Hours	Hours	Minimum Grade	Notes
ASU 101-LA: The ASU Experience	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students</li> <li>Set up your <a href="#">Handshake</a> account, play <a href="#">me3@asu</a> and select your <a href="#">career interest area</a>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR		C	
ENG 105: Advanced First-Year Composition OR	3		
ENG 107 or ENG 108: First-Year Composition			
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	7		




Term 1 - B 7 - 13 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
GCU 102: Introduction to Human Geography (SB & G) OR GCU 121: World Geography (SB & G) OR GIS 205: Geographic Information Science I (CS) OR GPH 111: Introduction to Physical Geography (SQ) AND GPH 112: Introduction to Physical Geography Lab (SQ)	3	C	<ul style="list-style-type: none"> <li>Selection of general studies courses will be determined by elective courses taken that can also be used toward the major.</li> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> </ul>
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	6		

Term 2 - A 13 - 19 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
GCU 102: Introduction to Human Geography (SB & G) OR GCU 121: World Geography (SB & G) OR GIS 205: Geographic Information Science I (CS) OR GPH 111: Introduction to Physical Geography (SQ) AND GPH 112: Introduction to Physical Geography Lab (SQ)	3	C	<ul style="list-style-type: none"> <li>Join a <a href="#">student club</a> or professional organization. Information on ASU student organizations sponsored by the School of Geographical Sciences and Urban Planning is available <a href="#">here</a>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR		C	
ENG 105: Advanced First-Year Composition OR	3		
ENG 107 or ENG 108: First-Year Composition			
Term hours subtotal:	6		



Term 2 - B 19 - 25 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 142: College Mathematics (MA)	3	C	
Elective	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	6		



Minimum

Term 3 - A 25 - 31 Credit Hours	Hours	Grade	Notes
Related Area Course	3	C	<ul style="list-style-type: none"> <li>Visit the <a href="#">SGSUP Career Development</a> page to schedule a meeting with your career advisor for assistance with career planning and networking.</li> </ul>
Elective	3		
Term hours subtotal:	6		

Term 3 - B 31 - 37 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 GCU 102: Introduction to Human Geography (SB & G) OR GCU 121: World Geography (SB & G) OR GIS 205: Geographic Information Science I (CS) OR GPH 111: Introduction to Physical Geography (SQ) AND GPH 112: Introduction to Physical Geography Lab (SQ)	3	C	
Elective	3		
 Complete First-Year Composition requirement. Complete Mathematics (MA) requirement.			
Term hours subtotal:	6		

Term 4 - A 37 - 44 Credit Hours	Hours	Minimum Grade	Notes
Related Area Course	3	C	<ul style="list-style-type: none"> <li>Students interested in <a href="#">finding an internship</a> should start investigating internship opportunities and researching potential internship sites. Students can <a href="#">earn academic credit while completing an internship</a>.</li> </ul>
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	7		

Term 4 - B 44 - 51 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 GCU 102: Introduction to Human Geography (SB & G) OR GCU 121: World Geography (SB & G) OR GIS 205: Geographic Information Science I (CS) OR GPH 111: Introduction to Physical Geography (SQ) AND GPH 112: Introduction to Physical Geography Lab (SQ)	4	C	<ul style="list-style-type: none"> <li>Create your professional online presence on <a href="#">LinkedIn</a>.</li> </ul>
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	7		

Term 5 - A 51 - 58 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 Related Area Course	3	C	<ul style="list-style-type: none"> <li><a href="#">ASU Language Placement</a>: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.</li> <li>Students interested in <a href="#">conducting supervised research</a> with a faculty member should initiate contact with faculty members who perform research in their content area of interest.</li> </ul>
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Term hours subtotal:	7		

Term 5 - B 58 - 65 Credit Hours	Hours	Minimum Grade	Notes
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	<ul style="list-style-type: none"> <li>Students interested in continuing to graduate study following the completion of the undergraduate program should start investigating potential graduate programs,</li> </ul>
Elective	3		

Term hours subtotal: 7

including admissions requirements and deadlines. Information on the graduate programs offered through the School of Geographical Sciences and Urban Planning is available [here](#).

Term 6 - A 65 - 72 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ GCU Upper Division Elective	3	C	<ul style="list-style-type: none"> <li>Visit the <a href="#">SGSUP Career Development page</a> to schedule a meeting with your career advisor for resume review, mock interviewing, or advisement on job searching.</li> </ul>
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Term hours subtotal:	7		

Term 6 - B 72 - 78 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	<ul style="list-style-type: none"> <li>Search available internships on the <a href="#">SGSUP Internship Opportunities</a> site.</li> </ul>
Elective	2		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 78 - 84 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ GCU Upper Division Elective	3	C	<ul style="list-style-type: none"> <li>Students interested in entering the job market after graduation should be reviewing the <a href="#">SGSUP employment opportunities</a> site.</li> </ul>
Upper Division Elective	3		
Term hours subtotal:	6		

Term 7 - B 84 - 90 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Elective	6		<ul style="list-style-type: none"> <li>Use Handshake to search for <a href="#">employment opportunities</a>.</li> </ul>
Term hours subtotal:	6		

Term 8 - A 90 - 96 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Social-Behavioral Sciences (SB) OR Upper Division Humanities, Arts and Design (HU)	3		<ul style="list-style-type: none"> <li><a href="#">Network</a> in your career interest area.</li> </ul>
Upper Division Elective	3		
Term hours subtotal:	6		

Term 8 - B 96 - 102 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ GCU OR GIS OR GPH Upper Division Elective	3	C	<ul style="list-style-type: none"> <li>Use <a href="#">Handshake</a> to research employment opportunities.</li> </ul>
Upper Division Elective	3		
Term hours subtotal:	6		

Term 9 - A 102 - 108 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ GCU OR GIS OR GPH Upper Division Elective	3	C	

Upper Division Elective 3

Term hours subtotal: 6

Term 9 - B 108 - 114 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ GCU OR GIS OR GPH Upper Division Elective

3 C

Upper Division Elective

3

Term hours subtotal: 6

- Make sure to review [SGSUP's Career Development Resources](#).

Term 10 - A 114 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ GCU 496: Geographic Research Methods (L)

3 C

Upper Division Elective

3

Term hours subtotal: 6

- Don't forget to [apply for graduation!](#)
- Stay connected with ASU School of Geographical Sciences and Urban Planning by connecting on [LinkedIn](#).

#### Hide Course List(s)/Track Group(s)

Related Area Courses

ASB OR GCU OR GIS OR GPH OR POS OR PUP OR SGS OR SOC OR SOS Elective

#### Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

#### General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)

- Historical Awareness (H)

#### First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.








## 2023 - 2024 Major Map

### Geography, BS

School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe](#)

LAGCUBS

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
<p>GCU 102: Introduction to Human Geography (SB &amp; G) OR GIS 205:   Geographic Information Science I (CS) OR GPH 111: Introduction to Physical Geography (SQ) AND GPH 112: Introduction to Physical Geography Lab (SQ)</p>	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>Select your <b>career interest area</b> and play <a href="mailto:me3@ASU">me3@ASU</a>.</li> <li>Set up your <b>Handshake account</b>.</li> </ul>
<p>ENG 101 or ENG 102: First-Year Composition OR            ENG 105: Advanced First-Year Composition OR            ENG 107 or ENG 108: First-Year Composition</p>	3	C	
<p>LIA 101: Student Success in The College of Liberal Arts and Sciences</p>	1		
<p>Humanities, Arts and Design (HU) AND Historical Awareness (H)</p>	3		
<p><i>Complete 2 courses:</i>            Elective</p>	6		
<p>Term hours subtotal:</p>	16		
Term 2 16 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
<p>GCU 102: Introduction to Human Geography (SB &amp; G) OR GIS   205: Geographic Information Science I (CS) OR GPH 111: Introduction to Physical Geography (SQ) AND GPH 112: Introduction to Physical Geography Lab (SQ)</p>	3	C	<ul style="list-style-type: none"> <li>Join a <b>student club</b> or professional organization. Information on ASU student organizations sponsored by the School of Geographical Sciences and Urban Planning is available <a href="#">here</a>.</li> <li>Research <b>study abroad opportunities</b> and <b>global virtual internships</b>.</li> </ul>
<p>ENG 101 or ENG 102: First-Year Composition OR            ENG 105: Advanced First-Year Composition OR            ENG 107 or ENG 108: First-Year Composition</p>	3	C	
<p>MAT 142: College Mathematics (MA)</p>	3	C	
<p>Natural Science - Quantitative (SQ) OR Natural Science - General (SG)</p>	4		
<p>Elective</p>	1		
<p> Complete ENG 101 OR ENG 105 OR ENG 107 course(s).</p>			
<p>Term hours subtotal:</p>	14		
Term 3 30 - 46 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
<p>GCU 102: Introduction to Human Geography (SB &amp; G) OR GIS 205:   Geographic Information Science I (CS) OR GPH 111: Introduction to Physical Geography (SQ) AND GPH 112: Introduction to Physical Geography Lab (SQ)</p>	4	C	<ul style="list-style-type: none"> <li>For a full list of Science and Society courses, go <a href="#">here</a>.</li> <li>Visit the <b>SGSUP Career Development page</b> to schedule a meeting with</li> </ul>
<p>Science and Society Elective</p>	3	C	

Complete 3 courses: 9  
 Elective

◆ Complete First-Year Composition requirement.

◆ Complete Mathematics (MA) requirement.

Term hours subtotal: 16

your career advisor for assistance with career planning and networking.

Term 4 46 - 61 Credit Hours Critical course signified by ◆	Hours	Minimum Grade	Notes
◆ GIS 270: Statistics for Geography and Planning	3	C	<ul style="list-style-type: none"> <li>Students interested in <b>finding an internship</b> should start investigating internship opportunities and researching potential internship sites. Students can <b>earn academic credit while completing an internship</b>.</li> <li>Create your professional online presence on <b>LinkedIn</b>.</li> </ul>
Related Area Course	3	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Social-Behavioral Sciences (SB)	3		
Elective	3		
Term hours subtotal:	15		

Term 5 61 - 76 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ GCU OR GIS OR GPH Upper Division Elective	3	C	<ul style="list-style-type: none"> <li>For more information on the Science and Society requirement, go <b>here</b>.</li> <li>Students interested in pursuing an accelerated master's degree in <b>geography</b> or <b>urban and environmental planning</b> should initiate contact with <b>graduate advising</b>.</li> <li><b>Attend SGSUP Career Navigator event</b>.</li> </ul>
Upper Division Science and Society Elective	3	C	
Related Area Course	3	C	
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	15		

Term 6 76 - 91 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ GIS Upper Division Elective	3	C	<ul style="list-style-type: none"> <li>Visit the <b>SGSUP Career Development page</b> to schedule a meeting with your career advisor for resume review, mock interviewing, or advisement on job searching.</li> <li>Students interested in continuing to graduate study following the completion of the undergraduate program should start investigating potential graduate programs, including admissions requirements and deadlines. Information on the graduate programs offered through the School of Geographical Sciences and Urban Planning is available <b>here</b>.</li> </ul>
Related Area Course	3	C	
GPH Upper Division Elective OR GPH 484: Internship	3	C	
Literacy and Critical Inquiry (L)	3		
Upper Division Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 91 - 106 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ GPH Upper Division Elective OR GPH 484: Internship	3	C	<ul style="list-style-type: none"> <li>Students interested in entering the job market after graduation should be reviewing the <b>SGSUP employment opportunities site</b>.</li> </ul>
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		

Complete 3 courses: 9  
 Upper Division Elective

• Use Handshake to research employment opportunities.

Term hours subtotal: 15

Term 8 106 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ GCU 496: Geographic Research Methods (L)	3	C	<ul style="list-style-type: none"> <li>• Use <b>SGSUP Employment Opportunities</b> site to find full-time or part-time employment opportunities.</li> <li>• Don't forget to <b>apply for graduation!</b></li> <li>• Stay connected with the School of Geographical Sciences and Urban Planning by connecting on <b>LinkedIn</b>.</li> </ul>
GCU OR GIS OR GPH Upper Division Elective	3	C	
Upper Division Elective	3		
Complete 2 courses: Elective	5		
Term hours subtotal:	14		

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Related Area Course

ASM OR GCU OR GIS OR GPH OR POS OR PUP OR SGS OR SOC OR SOS Elective

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum

**General University Requirements Legend**

- General Studies Core Requirements:
- Literacy and Critical Inquiry (L)
  - Mathematical Studies (MA)



**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.








## 2023 - 2024 Major Map


### Geography, BS

School/College: [The College of Liberal Arts and Sciences](#)




Location: [Online ASU Local](#)

LAGCUBS



Term 1 - A 0 - 7 Credit Hours	Hours	Minimum Grade	Notes
ASU 101-LA: The ASU Experience	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar is required for all first-year students</li> <li>Set up your <a href="#">Handshake</a> account, play <a href="#">me3@asu</a> and select your <a href="#">career interest area</a>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	7		
Term 1 - B 7 - 13 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 GCU 102: Introduction to Human Geography (SB & G) OR GIS 205: Geographic Information Science I (CS) OR GPH 111: Introduction to Physical Geography (SQ) AND GPH 112: Introduction to Physical Geography Lab (SQ)	3	C	<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> </ul>
Elective	3		
Term hours subtotal:	6		
Term 2 - A 13 - 19 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 GCU 102: Introduction to Human Geography (SB & G) OR GIS 205: Geographic Information Science I (CS) OR GPH 111: Introduction to Physical Geography (SQ) AND GPH 112: Introduction to Physical Geography Lab (SQ)	3	C	<ul style="list-style-type: none"> <li>Join a <a href="#">student club</a> or professional organization. Information on ASU student organizations sponsored by the School of Geographical Sciences and Urban Planning is available <a href="#">here</a>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	6		
Term 2 - B 19 - 25 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
MAT 142: College Mathematics (MA)	3	C	
Elective	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	6		
Term 3 - A 25 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes



 GCU 102: Introduction to Human Geography (SB & G) OR GIS 205: Geographic Information Science I (CS) OR GPH 111: Introduction to Physical Geography (SQ) AND GPH 112: Introduction to Physical Geography Lab (SQ)	4	C
Elective	3	
Term hours subtotal:		7

- Visit the [SGSUP Career Development page](#) to schedule a meeting with your career advisor for assistance with career planning and networking.



Term 3 - B 32 - 38 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
Science and Society Elective	3	C	<ul style="list-style-type: none"> <li>• For a full list of Science and Society courses, go <a href="#">here</a>.</li> </ul>
Social-Behavioral Sciences (SB)	3		
 Complete First-Year Composition requirement.			
 Complete Mathematics (MA) requirement.			
Term hours subtotal:		6	

Term 4 - A 38 - 45 Credit Hours	Hours	Minimum Grade	Notes
Related Area Course	3	C	<ul style="list-style-type: none"> <li>• Students interested in <a href="#">finding an internship</a> should start investigating internship opportunities and researching potential internship sites. Students can <a href="#">earn academic credit while completing an internship</a>.</li> </ul>
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:		7	

Term 4 - B 45 - 51 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 GIS 270: Statistics for Geography and Planning	3	C	<ul style="list-style-type: none"> <li>• Create your online professional presence on <a href="#">LinkedIn</a>.</li> </ul>
Elective	3		
Term hours subtotal:		6	

Term 5 - A 51 - 57 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 GCU OR GIS OR GPH Upper Division Elective	3	C	<ul style="list-style-type: none"> <li>• Students interested in <a href="#">conducting supervised research</a> with a faculty member should initiate contact with faculty members who perform research in their content area of interest.</li> </ul>
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:		6	

Term 5 - B 57 - 63 Credit Hours	Hours	Minimum Grade	Notes
Related Area Course	3	C	<ul style="list-style-type: none"> <li>• Students interested in continuing to graduate study following the completion of the bachelors program should start investigating potential graduate programs, including admissions requirements and deadlines. Information on the graduate programs offered through the School of Geographical Sciences and Urban Planning is available <a href="#">here</a>.</li> </ul>
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:		6	

Term 6 - A 63 - 69 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 GPH Upper Division Elective	3	C	
Elective	3		
Term hours subtotal:		6	

- Visit the [SGSUP Career Development page](#) to schedule a meeting with your career advisor for resume review, mock interviewing, or advisement on job searching.

Term 6 - B 69 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
GIS Upper Division Elective	3	C	<ul style="list-style-type: none"> <li>• Search available internships on the <a href="#">SGSUP Internship Opportunities</a> site.</li> </ul>
Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 75 - 81 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ GPH Upper Division Elective	3	C	<ul style="list-style-type: none"> <li>• Students interested in entering the job market after graduation should be reviewing the <a href="#">SGSUP employment opportunities</a> site.</li> </ul>
Upper Division Elective	3		
Term hours subtotal:	6		

Term 7 - B 81 - 87 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Elective	6		<ul style="list-style-type: none"> <li>• Use Handshake to search for <a href="#">employment opportunities</a>.</li> </ul>
Term hours subtotal:	6		

Term 8 - A 87 - 93 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ GCU OR GIS OR GPH Upper Division Elective	3	C	<ul style="list-style-type: none"> <li>• For more information about the Science and Society requirement, go <a href="#">here</a>.</li> </ul>
Upper Division Science and Society Elective	3	C	
Term hours subtotal:	6		

Term 8 - B 93 - 99 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		<ul style="list-style-type: none"> <li>• <a href="#">Network</a> in your career interest area.</li> </ul>
Elective	3		
Term hours subtotal:	6		

Term 9 - A 99 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Related Area Course	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		

Term 9 - B 105 - 111 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Elective	6		<ul style="list-style-type: none"> <li>• Make sure to review <a href="#">SGSUP's Career Development Resources</a>.</li> </ul>
Term hours subtotal:	6		

Term 10 - A 111 - 117 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★			

★ GCU 496: Geographic Research Methods (L)	3	C
Elective	3	
Term hours subtotal:	6	

- Don't forget to **apply for graduation!**
- Stay connected with the School of Geographical Sciences and Urban Planning by connecting on **LinkedIn**.

Term 10 - B 117 - 120 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Elective	3		
Term hours subtotal:	3		

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Related Area Courses

ASM OR GCU OR GIS OR GPH OR POS OR PUP OR SGS OR SOC OR SOS Elective

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum  
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.








## 2023 - 2024 Major Map

### Geography (Meteorology-Climatology), BS

School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe](#)

LAGCUMBS

Term 1 0 - 14 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
GCU 102: Introduction to Human Geography (SB & G) OR GIS			
 205: Geographic Information Science I (CS) OR GPH 111: Introduction to Physical Geography (SQ) AND GPH 112: Introduction to Physical Geography Lab (SQ)	4	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. GPH 191 is also recommended.</li> <li>Set up your <a href="#">Handshake</a> account, <a href="#">play me3</a> and select your <a href="#">career area of interest</a>.</li> <li>Contact an academic advisor to add the <a href="#">Atmospheric Sciences certificate</a> in order to obtain National Weather Service certification.</li> <li>MAT 270 is the first required math course for this major. If a student does not qualify for MAT 270 enrollment, they should enroll in the prerequisite MAT 170 in Term 1. Please contact an advisor if you have questions.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	14		
<hr/>			
Term 2 14 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
GCU 102: Introduction to Human Geography (SB & G) OR GIS			
 205: Geographic Information Science I (CS) OR GPH 111: Introduction to Physical Geography (SQ) AND GPH 112: Introduction to Physical Geography Lab (SQ)	3	C	<ul style="list-style-type: none"> <li>GPH 213 is recommended for the Science and Society requirement. For a full list of Science and Society courses, go <a href="#">here</a>.</li> <li>Join a <a href="#">student club</a> or professional organization. Information on ASU student organizations sponsored by the School of Geographical Sciences and Urban Planning is available <a href="#">here</a>.</li> <li>Research study abroad opportunities and global virtual internships.</li> </ul>
 MAT 270: Calculus with Analytic Geometry I (MA)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Science and Society Elective	3	C	
Literacy and Critical Inquiry (L)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		
<hr/>			
Term 3 30 - 45 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes

❖ GCU 102: Introduction to Human Geography (SB & G) OR GIS 205: Geographic Information Science I (CS) OR GPH 111: Introduction to Physical Geography (SQ) AND GPH 112: Introduction to Physical Geography Lab (SQ)	3	C
❖ GPH 212: Introduction to Meteorology (SQ)	3	C
❖ GPH 214: Introduction to Meteorology Laboratory (SQ)	1	C
❖ MAT 271: Calculus with Analytic Geometry II (MA)	4	C
❖ PHY 121: University Physics I: Mechanics (SQ) AND PHY 122: University Physics Laboratory I (SQ)	4	C
❖ Complete First-Year Composition requirement.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	15	

- GPH 212 and GPH 214 are offered every Fall semester. If your Term 3 is in a Spring semester, make sure to take GPH 212/214 in Term 2 or Term 4.
- Students should meet with their academic advisor to discuss the requirements to obtain National Weather Service certification.

Term 4 45 - 59 Credit Hours Critical course signified by ❖	Hours	Minimum Grade	Notes
❖ MAT 272: Calculus with Analytic Geometry III (MA)	4	C	<ul style="list-style-type: none"> <li>• Visit the <a href="#">SGSUP Career Development page</a> and <a href="#">Career and Professional Development Services</a> to meet with career advisors for assistance with career planning and networking.</li> <li>• Create your professional online presence on <a href="#">LinkedIn</a>.</li> </ul>
❖ PHY 131: University Physics II: Electricity and Magnetism (SQ) AND PHY 132: University Physics Laboratory II (SQ)	4	C	
GIS 270: Statistics for Geography and Planning	3	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	14		

Term 5 59 - 73 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ GPH 409: Synoptic Meteorology I	4	C	<ul style="list-style-type: none"> <li>• GPH 409 is offered once every two years--during the Fall semester of odd-numbered years (so it may be a Term 7 course)</li> <li>• Students interested in completing an internship should start investigating internship opportunities. Information on internships is available <a href="#">here</a>.</li> <li>• Students interested in conducting supervised research should initiate contact with faculty members who perform research in their content area of interest. More information is available <a href="#">here</a>.</li> <li>• For more information on the Science and Society requirement, go <a href="#">here</a>.</li> <li>• Students interested in pursuing an <a href="#">accelerated master's degree</a> in geography or urban and environmental planning should contact <a href="#">graduate advising</a>.</li> </ul>
Upper Division Science and Society Elective	3	C	
GIS Upper Division Elective	3	C	
Elective	4		
Term hours subtotal:	14		

Term 6 73 - 89 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ GPH 410: Synoptic Meteorology II	4	C	<ul style="list-style-type: none"> <li>• GPH 410 is offered once every two years--during the Spring semester of even-numbered years (so it may be a Term 8 course).</li> </ul>
★ GPH 412: Physical Meteorology	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Complete 2 courses: Upper Division Elective	6		



★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 16

- GPH 412 is offered once every two years--during the Spring semester of even-numbered years (so it may be a Term 8 course).
- Students interested in continuing to graduate study following the completion of the undergraduate program should start investigating potential graduate programs, including admissions requirements and deadlines. Information on the graduate programs offered through the School of Geographical Sciences and Urban Planning is available [here](#).

Term 7 89 - 104 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ GPH 474: Dynamic Meteorology I	3	C	<ul style="list-style-type: none"> <li>• GPH 474 is offered once every two years--during the Fall semester of even-numbered years (so it may be a Term 5 course).</li> <li>• Students interested in entering the job market after graduation should start researching job opportunities. Information on careers in related fields is available <a href="#">here</a> and <a href="#">here</a>.</li> <li>• Students should verify with their academic advisor that they will meet all requirements necessary to obtain National Weather Service certification after graduation.</li> </ul>
Upper Division Elective OR GCU 484: Internship OR GIS 484: Internship OR GPH 484: Internship	3		
Complete 3 courses:	9		
Elective			
Term hours subtotal:	15		

Term 8 104 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ GCU 496: Geographic Research Methods (L)	3	C	<ul style="list-style-type: none"> <li>• GPH 475 is offered once every two years--during the Spring semester of odd-numbered years (so it may be a Term 6 course).</li> <li>• Don't forget to <b>apply for graduation!</b></li> <li>• Stay connected with ASU School of Geographical Sciences and Urban Planning by connecting on <a href="#">LinkedIn</a>.</li> </ul>
★ GPH 475: Dynamic Meteorology II	3	C	
Complete 2 courses:	7		
Upper Division Elective			
Elective	3		
Term hours subtotal:	16		

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and

West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>

- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.






## 2023 - 2024 Major Map

### German, BA

School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe](#)

LAGERBA

Term 1 0 - 14 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 SLC 201: Introduction to Linguistics (HU or SB) OR SLC 202: Exploring Cultures: Words, Images, Stories (HU & G)	3		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required for all first-year students.</li> <li><b>ASU Language Placement:</b> Only true beginners are eligible for 101-level language courses. Students with previous experience in the language are required to take a language placement test.</li> <li>In term 1, students may opt to take GER 110, a six credit <b>German intensive language</b> course equivalent to GER 101 and GER 102.</li> <li>Engage in <b>German</b> at ASU. Practice your language skills at the <b>SILC Cafe</b>.</li> </ul>
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
GER 101: Elementary German I (G)	4	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
MAT 142: College Mathematics (MA)	3	C	
Maintain 2.33 GPA in Critical Tracking Courses.			
Term hours subtotal:	14		
Term 2 14 - 30 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>Start planning your <b>study abroad</b> experience.</li> <li>Attend an ASU study abroad <b>Financing Your Global Education Program</b> Workshop.</li> <li>In term 2, students may opt to take GER 210, a six credit <b>German intensive language</b> course, equivalent to GER 201 and GER 202.</li> </ul>
GER 102: Elementary German II (G)	4	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Elective	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Maintain 2.33 GPA in Critical Tracking Courses.			
Term hours subtotal:	16		
Term 3 30 - 46 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
GER 201: Intermediate German I (G)	4	C	<ul style="list-style-type: none"> <li>Explore your <b>career interest</b> areas.</li> <li>Learn about research opportunities through the ASU <b>Humanities Lab</b>.</li> </ul>
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Complete 3 courses: Elective	9		

❖ Complete First-Year Composition requirement.

❖ Complete Mathematics (MA) requirement.

Maintain 2.33 GPA in Critical Tracking Courses.

Term hours subtotal: 16

Term 4 46 - 60 Credit Hours Critical course signified by ❖	Hours	Minimum Grade	Notes
❖ GER 202: Intermediate German II (G)	4	C	<ul style="list-style-type: none"><li>• Meet with a School of International Letters and Cultures <b>academic advisor</b> to discuss the best study abroad options for your major.</li><li>• Learn about <b>national scholarships, fellowships, and research opportunities.</b></li></ul>
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ)	4		
Elective	3		
Maintain 2.33 GPA in Critical Tracking Courses.			
Term hours subtotal:	14		

Term 5 60 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes	
★ GER 312: Explore German Culture (G)	3	C	<ul style="list-style-type: none"><li>• Enroll in listed courses or in an ASU study abroad, School of International Letters and Cultures endorsed semester or academic year exchange program abroad in Germany at <b>University of Heidelberg</b> or <b>University of Regensburg</b> or <b>University of Tuebingen.</b></li><li>• Many upper-division elective courses have prerequisites which may be taken as electives in earlier semesters.</li><li>• Learn about <b>internships, scholarships and awards</b> for language majors.</li></ul>	
GER 310: Making Sense of German Grammar (G) OR GER 311: Express Yourself in German (G) OR GER 313: Create in German: Writing, Speaking, Performing (G) OR GER 319: Work with German (G)	3	C		
Upper Division Literacy and Critical Inquiry (L)	3			
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4			
Elective	2			
Term hours subtotal:	15			

Term 6 75 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
GER 310: Making Sense of German Grammar (G) OR GER 311: Express Yourself in German (G) OR GER 313: Create in German: Writing, Speaking, Performing (G) OR GER 319: Work with German (G)	3	C	<ul style="list-style-type: none"><li>• Many upper-division elective courses have prerequisites which may be taken as electives in earlier semesters.</li><li>• Use Handshake to research <b>employment opportunities.</b></li></ul>
Complete 2 courses:			
Upper Division German Elective	6	C	
Social-Behavioral Sciences (SB)	3		
Upper Division Elective OR GER 484: Internship	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Complete 2 courses:			<ul style="list-style-type: none"><li>• Learn about ways to <b>build your skills.</b></li></ul>
Upper Division German Elective	6	C	
Complete 2 courses:			
Upper Division Elective	6		
Elective	3		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ GER 420: Discover - Discuss - Design: German Language and Culture (L or HU)	3	C
★ Upper Division German Elective	3	C
Complete 2 courses: Upper Division Elective	6	
Elective	3	
Term hours subtotal:	15	

- Attend an ASU Career Services workshop or Job Fair.

Hide Course List(s)/Track Group(s)

Upper Division German Elective
GER 310: Making Sense of German Grammar (G)
GER 311: Express Yourself in German (G)
GER 313: Create in German: Writing, Speaking, Performing (G)
GER 319: Work with German (G)
GER 394: Special Topics
GER 431: German Humor
GER 441: Fairy Tales (HU & G)
GER 445: Holocaust, War and German Memory (HU)
GER 446: Weimar-Era German Film
GER 447: German Modernism
GER 455: Berlin: Migration, Arts and Activism (G)
GER 492: Honors Directed Study
GER 493: Honors Thesis (L)
GER 494: Special Topics
GER 499: Individualized Instruction

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map




### Global Health, BA



School/College: The College of Liberal Arts and Sciences

Location: Tempe

LASSHBA

Term 1 0 - 14 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ASB 100: Introduction to Global Health (SB & G)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. ASB 191 satisfies this requirement.</li> <li><b>ASU Language Placement:</b> Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.</li> <li>Select your <b>career interest area</b> and play <a href="mailto:me3@asu.edu">me3@ASU</a>.</li> <li>Create a first draft <b>resume</b>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
MAT 142: College Mathematics (MA)	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Term hours subtotal:	14		

Term 2 14 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ASB 102: Introduction to Cultural Anthropology (SB & G) OR ASM 104: Bones, Stones, and Human Evolution (SB or SG) OR Global Health Elective in Related Areas	3-4	C	<ul style="list-style-type: none"> <li>Join a <b>student club</b> or professional organization.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Elective	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16-17		

Term 3 30 - 44 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ASB 394: Statistics for Social Scientists OR ASM 201: Epidemics and Outbreaks OR ASM 463: A Practical Guide to Bayesian Data Analysis OR HCD 300: Biostatistics (CS) OR PBH 300: Biostatistics (CS) OR SOC 390: Social Statistics I (CS) OR STP 226: Elements of Statistics (CS) OR STP 231: Statistics for Life Science (CS)	3	C	<ul style="list-style-type: none"> <li>Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> <li>Develop your <b>skills</b>.</li> </ul>

Second Language: Requirement satisfied through the following: 4 C  
 \* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.

Natural Science - Quantitative (SQ) 4

Elective 3

❗ Complete First-Year Composition requirement.

❗ Complete Mathematics (MA) requirement.

Term hours subtotal: 14

Term 4 44 - 60 Credit Hours Critical course signified by ❗	Hours	Minimum Grade	Notes
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❗ Computer/Statistics/Quantitative Applications (CS) 3

Second Language: Requirement satisfied through the following:  
 \* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. 4 C

Humanities, Arts and Design (HU) AND Historical Awareness (H) 3

Natural Science - Quantitative (SQ) OR Natural Science - General (SG) 4

Elective 2

Term hours subtotal: 16

- Second language requirement must be completed by term 4.
- All global health majors are required to go on a **study abroad program** either the summer after term 4, or the summer after term 6. The six hours in term Summer 4 reflect the six hours that must be completed abroad through the School of Human Evolution and Social Change. Please see academic advisor for study abroad program options.
- Explore an **internship**.

Summer 4 60 - 66 Credit Hours	Hours	Minimum Grade	Notes
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SSH 403: Cross-Cultural Studies in Global Health ((L or SB) & G) 6 C

Term hours subtotal: 6

Term 5 66 - 81 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ Upper Division Global Health Core Course 3 C

Literacy and Critical Inquiry (L) 3

Social-Behavioral Sciences (SB) 3

Complete 2 courses: 6

Upper Division Elective

Term hours subtotal: 15

- Develop your **professional online presence**.

Term 6 81 - 96 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ Upper Division Global Health Core Course 3 C

Global Health Elective in Related Areas 3 C

Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) 3

Complete 2 courses: 6

Upper Division Elective

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 15

- Research **employment opportunities**.
- Complete an in person or virtual **practice interview**.

Term 7 96 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ Upper Division Global Health Core Course 3 C

Complete 3 courses:

- Study abroad requirement must be completed by term 7.



Upper Division Elective

9

Term hours subtotal: 12

- Gather professional references.
- Apply for full-time career opportunities.

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Global Health Practicum	3	C	
Global Health Elective in Related Areas	3	C	
Upper Division Elective OR ASB 484: Internship Elective	3	C	
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

Global Health Core	Global Health Elective in Related Areas	Global Health Elective in Related Areas continued
AFR 383: Blacks in Science, Medicine and Public Health	ABS 394: Food and Human Health	BIO 394: Healing Traditions of Latino-America
ASB 300: Food and Culture ((L or SB) & C)	ABS 394: Medicine and Culture	BIO 494: Obesity:Physiology to pathophysiology to treatment
ASB 301: Global History of Health (SB & G & H) or HST 301: Global History of Health (SB & G & H)	ASB 102: Introduction to Cultural Anthropology (SB & G)	BIO 494: Solutions in Vaccine Design for Global Health
ASB 305: Poverty and Global Health ((L or SB) & G)	ASB 202: Immigration and Ethnic Relations in the U.S. (SB & C)	ENG 203: Introduction to Health Humanities (HU)
ASB 316: Money and Culture (L or SB)	ASB 210: Human Sexuality: Anthropological Perspectives (SB & G)	ENG 394: Interdisciplinary Health Humanities
ASB 327: Disaster! ((L or SB) & C)	ASB 211: Women in Other Cultures ((HU or SB) & G)	HCD 201: Economics for Health Majors
ASB 355: Traditional Medicine and Healing (HU or SB)	ASB 220: The Expressive Culture of Latin America and the Caribbean: A Transborder Perspective ((L or HU or SB) & C)	HCR 230: Culture and Health (C & G)
ASB 357: Society, Drugs and Health (SB & G)	ASB 250: Introduction to Evolution and Medicine (SB & G)	HSC 210: Cultural Aspects of Health (C)
ASB 370: Ethics of Eating (L or SB) or SOS 370: Ethics of Eating (L or SB)	ASB 272: Economic Justice (SB)	HSC 310: Health Communication
ASB 376: Global Health Policy	ASB 275: Culture, Language and Learning (SB & C)	HST 312: History of Women in Science and Medicine (HU or SB)
ASB 378: Globalization: Migration, Mass Media, McDonald's ((L or SB) & C) or TCL 378: Globalization: Migration, Mass Media, McDonald's ((L or SB) & C)	ASB 294: Building Babies	IDS 355: Peace Corps Seminar (G)
ASB 457: Global Mental Health ((L or SB) & G)	ASB 294: Identity, Culture and Conflict	JUS 350: Immigration and Justice (SB & C)
ASB 462: Medical Anthropology: Culture and Health (SB & C)	ASB 322: Peoples of Latin America ((L or SB) & G)	JUS 352: The Global Politics of Human Rights (SB & G)
ASM 345: Disease and Human Evolution	ASB 325: Peoples of Southeast Asia (G)	JUS 370: Cultural Diversity and Justice ((L or HU) & C)
ASM 401: Health and Human Biology	ASB 343: Latinas/os and the Environment	JUS 374: The Holocaust, Genocide, and Human Rights
ASM 403: Evolutionary Medicine and Global Health	ASB 345: Culture and Society Transformation (SB & G)	JUS 394: Health Disparities & Inequalities
	ASB 348: The Borders of Language (L)	JUS 394: Human Rights
		MIC 498: HIV/AIDS Prevention Education in Africa

ASM 456: Infectious Disease and Human Evolution	ASB 353: Death and Dying in Cross-Cultural Perspective ((HU or SB) & G) or SOC 353: Death and Dying in Cross-Cultural Perspective ((HU or SB) & G)	NTR 353: The Western Diet
HPS 331: History of Medicine (HU & H) or BIO 318: History of Medicine (HU & H)	ASB 362: People and Plants	POS 300: Contemporary Global Controversies (SB & G)
HST 304: Black Death: Pandemic Disease in the Medieval World	ASB 363: From Cells to Society: Understanding Complexity or BIO 363: From Cells to Society: Understanding Complexity or SOS 363: From Cells to Society: Understanding Complexity	POS 367: World Politics and Global Inequalities (G)
MIC 314: HIV/AIDS: Science, Behavior, and Society	ASB 371: Language Hegemony and Culture	POS 368: Ethics and Human Rights
SGS 340: Violence, Conflict and Human Rights	ASB 375: Humans and the Environment: What's the Connection? ((L or SB) & G)	POS 480: Global Justice (G)
SGS 350: Economic Development and Globalization	ASB 380: Language, Culture and Gender (SB)	PSY 394: Child Development & Global Health
SOC 424: Women and Health (SB)	ASB 408: Advanced Evolutionary Medicine	SGS 303: Global Trends (SB & G)
SOC 427: Sociology of Health and Illness (SB)	ASB 448: Maternal and Child Health	SGS 304: Foundations of Cross-Cultural Awareness
SOC 448: Epidemics and Society (SB & G)	ASB 463: Political Ecology of the Border (SB & G)	SGS 341: Humanitarian Crisis and International Intervention
TCL 323: Latina/o Health Issues (SB & C)	ASB 466: Peoples and Cultures of Africa (SB & G)	SGS 360: Cultural Aspects of Globalization
TCL 326: Health of Chicanas and Latinas (SB & C)	ASB 494: Applied Epidemiology	SGS 394: Global Problems and Debates
TCL 327: Health and Migration (SB)	ASB 494: Ethnography of Schooling in the Borderlands	SGS 394: Peace/Conflict/Human Rights
TCL 410: Race, Medicine, and the Body (L) or SOC 410: Race, Medicine, and the Body (L)	ASB 494: Facing Immigration	SGS 394: Politics of Global Justice
TCL 447: Gender, Culture, and Development ((L or SB) & G) or SGS 454: Gender, Culture, and Development ((L or SB) & G) or SOS 447: Gender, Culture, and Development ((L or SB) & G) or WST 447: Gender, Culture, and Development ((L or SB) & G)	ASB 494: Reproductive Ecology	SOC 352: Social Change (SB & G & H)
WST 360: Women as Healers (SB & G)	ASM 104: Bones, Stones, and Human Evolution (SB or SG)	SOC 418: Aging and the Life Course (SB & H)
WST 365: Women and International Health (G)	ASM 201: Epidemics and Outbreaks	SOC 426: Social Inequalities (SB)
WST 380: Race, Gender, and Class (SB & C) or AMS 380: Race, Gender, and Class (SB & C) or ETH 380: Race, Gender, and Class (SB & C)	ASM 246: Human Origins (SB)	SOC 448: Epidemics and Society (SB & G)
WST 440: Politics of Women's Health (SB & C)	ASM 275: Forensic Anthropology (SB or SG)	WST 394: Fast Food Nation
WST 444: Gender, Health, and Bodies (SB)	ASM 342: Evolution of Human Behavior	WST 460: Women and the Body (SB & C)
<b>Global Health Practicum</b>	ASM 403: Evolutionary Medicine and Global Health	WST 471: Women's International Human Rights
ASB 373: Applying Anthropology (L or SB)	ASM 494: Evolution and Mental Disorders	
ASB 395: Topics in Comparative Culture (SB & G)		

ASB 452: Community Partnerships for Global Health (SB) or SSH 402: Community Partnerships for Global Health (SB)

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ASB 455: Practicum for Social Sciences (SB)

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ASB 484: Internship

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ASB 494: Access, Equity and Inclusion in Higher Education

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ASB 494: Research Practicum II

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ASB 499: Individualized Instruction

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ASM 414: Urban, Environmental and Health Challenges (SB)

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POS 464: Border Cities: Action Research on Globalization (SB & G)

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TCL 321: Transborder Community Development and Health or SOC 320: Transborder Community Development and Health

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**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map



### Global Health, BA

School/College: [The College of Liberal Arts and Sciences](#)



Location: [Online ASU Local](#)

LASSHBA

Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ASB 100: Introduction to Global Health (SB & G)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>Select your <b>career interest area</b> and play <a href="mailto:me3@ASU">me3@ASU</a>.</li> </ul>
ASU 101-LA: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Term hours subtotal:	7		




Term 1 - B 7 - 13 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ASB 102: Introduction to Cultural Anthropology (SB & G) OR ASM	3-4	C	<ul style="list-style-type: none"> <li>Create a first draft <b>resume</b>.</li> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> </ul>
 104: Bones, Stones, and Human Evolution (SB or SG) OR Global Health Elective in Related Areas			
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Term hours subtotal:	6-7		



Term 2 - A 13 - 19 Credit Hours	Hours	Minimum Grade	Notes
Second Language: Requirement satisfied through the following:			<ul style="list-style-type: none"> <li><b>ASU Language Placement:</b> Only those students with no experience with the language may take a 101-level course. All other students are required to take a language placement exam, regardless of prior credit earned.</li> <li>Students who choose to complete ASM 104 in term 2-A only need two elective credit hours in term 5-B.</li> </ul>
* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Elective	2		
Term hours subtotal:	6		

Term 2 - B 19 - 26 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
MAT 142: College Mathematics (MA)	3	C	<ul style="list-style-type: none"> <li>Join a <b>student club</b> or professional organization.</li> </ul>
Second Language: Requirement satisfied through the following:			
* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			



Term hours subtotal: 7

Term 3 - A 26 - 33 Credit Hours	Hours	Minimum Grade	Notes
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	• Develop your <b>skills</b> .
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:		7	

Term 3 - B 33 - 40 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Literacy and Critical Inquiry (L)	3		
 Complete First-Year Composition requirement.			
 Complete Mathematics (MA) requirement.			
Term hours subtotal:		7	

Term 4 - A 40 - 46 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ASB 394: Statistics for Social Scientists OR ASM 201: Epidemics and Outbreaks OR SOC 390: Social Statistics I (CS) OR STP 226: Elements of Statistics (CS) OR STP 231: Statistics for Life Science (CS)	3	C	• Explore an <b>internship</b> .
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:		6	

Term 4 - B 46 - 53 Credit Hours	Hours	Minimum Grade	Notes
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:		7	

Term 5 - A 53 - 59 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 SSH 403: Cross-Cultural Studies in Global Health (L or SB) & (G)	6	C	<ul style="list-style-type: none"> <li>• All global health online majors are strongly encouraged to go on a summer <b>study abroad program</b> to fulfill major requirements. The six hours in term Term 5-A reflect the six hours that must be completed abroad, or with two additional Global Health core courses through the School of Human Evolution and Social Change. Please contact your academic advisor for travel dates and options, or to inquire about petitioning for a substitution.</li> <li>• For more information about planning and paying for your study abroad program, please go <b>here</b>.</li> </ul>
Term hours subtotal:		6	

Term 5 - B 59 - 66 Credit Hours	Hours	Minimum Grade	Notes
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	3-2		

Term hours subtotal: 7-6

- Students who choose to complete ASM 104 in term 2-A need only complete two elective hours in term 5-B.
- Develop your **professional online presence**.

Term 6 - A 66 - 72 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Computer/Statistics/Quantitative Applications (CS)	3		
Term hours subtotal:	6		

Term 6 - B 72 - 78 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Upper Division Global Health Core Course	3	C	<ul style="list-style-type: none"> <li>• Complete an in person or virtual <b>practice interview</b>.</li> </ul>
Upper Division Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 78 - 84 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses: Elective	6		
Term hours subtotal:	6		

Term 7 - B 84 - 90 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Upper Division Global Health Core Course	3	C	<ul style="list-style-type: none"> <li>• Research <b>employment opportunities</b>.</li> </ul>
Upper Division Elective	3		
Term hours subtotal:	6		

Term 8 - A 90 - 96 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Upper Division Global Health Core Course	3	C	<ul style="list-style-type: none"> <li>• Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> </ul>
Upper Division Elective	3		
Term hours subtotal:	6		

Term 8 - B 96 - 102 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Upper Division Global Health Practicum	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		

Term 9 - A 102 - 108 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Global Health Elective in Related Areas	3	C	<ul style="list-style-type: none"> <li>• Gather <b>professional references</b>.</li> </ul>
Upper Division Elective	3		
Term hours subtotal:	6		

Term 9 - B 108 - 114 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Elective	6		<ul style="list-style-type: none"> <li>• Apply for <b>full-time career opportunities</b>.</li> </ul>

Term hours subtotal: 6

Term 10 - A 114 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Global Health Elective in Related Areas	3	C	• Study abroad requirement should be completed by Term 10-A.
Upper Division Elective	3		
Term hours subtotal:	6		

Hide Course List(s)/Track Group(s)

Global Health Core	Global Health Elective in Related Areas	Global Health Practicum
ASB 300: Food and Culture ((L or SB) & C)	ASB 102: Introduction to Cultural Anthropology (SB & G)	ASB 373: Applying Anthropology (L or SB)
ASB 301: Global History of Health (SB & G & H)	ASB 210: Human Sexuality: Anthropological Perspectives (SB & G)	ASB 395: Topics in Comparative Culture (SB & G)
ASB 305: Poverty and Global Health ((L or SB) & G)	ASB 250: Introduction to Evolution and Medicine (SB & G)	ASB 455: Practicum for Social Sciences (SB)
ASB 316: Money and Culture (L or SB)	ASB 294: Building Babies	ASB 484: Internship
ASB 327: Disaster! ((L or SB) & C)	ASB 294: Identity, Culture and Conflict	ASM 414: Urban, Environmental and Health Challenges (SB)
ASB 355: Traditional Medicine and Healing (HU or SB)	ASB 322: Peoples of Latin America ((L or SB) & G)	
ASB 357: Society, Drugs and Health (SB & G)	ASB 345: Culture and Society Transformation (SB & G)	
ASB 370: Ethics of Eating (L or SB)	ASB 353: Death and Dying in Cross-Cultural Perspective ((HU or SB) & G) or SOC 353: Death and Dying in Cross-Cultural Perspective ((HU or SB) & G)	
ASB 378: Globalization: Migration, Mass Media, McDonald's ((L or SB) & C)	ASB 362: People and Plants	
ASB 457: Global Mental Health ((L or SB) & G)	ASB 363: From Cells to Society: Understanding Complexity or BIO 363: From Cells to Society: Understanding Complexity or SOS 363: From Cells to Society: Understanding Complexity	
ASB 462: Medical Anthropology: Culture and Health (SB & C)	ASB 380: Language, Culture and Gender (SB)	
ASM 345: Disease and Human Evolution	ASB 408: Advanced Evolutionary Medicine	
ASM 401: Health and Human Biology	ASB 466: Peoples and Cultures of Africa (SB & G)	
ASM 403: Evolutionary Medicine and Global Health	ASM 104: Bones, Stones, and Human Evolution (SB or SG)	
HPS 331: History of Medicine (HU & H) or BIO 318: History of Medicine (HU & H)	ASM 201: Epidemics and Outbreaks	
SGS 340: Violence, Conflict and Human Rights	ASM 246: Human Origins (SB)	
SGS 350: Economic Development and Globalization	ASM 275: Forensic Anthropology (SB or SG)	
SOC 424: Women and Health (SB)	HCR 230: Culture and Health (C & G)	
SOC 427: Sociology of Health and Illness (SB)		



TCL 323: Latina/o Health Issues (SB & C)	HSC 210: Cultural Aspects of Health (C)
TCL 327: Health and Migration (SB)	HSC 310: Health Communication
WST 365: Women and International Health (G)	JUS 350: Immigration and Justice (SB & C)
WST 380: Race, Gender, and Class (SB & C)	JUS 374: The Holocaust, Genocide, and Human Rights
	NTR 353: The Western Diet
	POS 300: Contemporary Global Controversies (SB & G)
	POS 368: Ethics and Human Rights
	SGS 303: Global Trends (SB & G)
	SGS 304: Foundations of Cross-Cultural Awareness
	SGS 394: Global Problems and Debates
	SOC 352: Social Change (SB & G & H)
	SOC 418: Aging and the Life Course (SB & H)
	WST 394: Fast Food Nation
	WST 460: Women and the Body (SB & C)

**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment score** determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)

- Historical Awareness (H)

#### First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map




### Global Health, BS



School/College: The College of Liberal Arts and Sciences

Location: Tempe

LASSHBS

Term 1 0 - 13 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ASB 100: Introduction to Global Health (SB & G)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>Students who do not test into MAT 251 must take the math course they do place into in Term 1 as their elective. Do not take MAT 142, as it is not a prerequisite to MAT 251.</li> <li>Select your <b>career interest area</b> and play <a href="mailto:me3@asu.edu">me3@ASU</a>.</li> <li>Create a first draft <b>resume</b>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Elective	3		
Term hours subtotal:	13		

Term 2 13 - 29 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ASM 104: Bones, Stones, and Human Evolution (SB or SG)	4	C	<ul style="list-style-type: none"> <li>Join a student club or professional organization.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
MAT 251: Calculus for Life Sciences (MA)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Elective	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 29 - 45 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
ASB 102: Introduction to Cultural Anthropology (SB & G) OR ASB 230: Beginning Social Research (SB) OR ASB 250: Introduction to			<ul style="list-style-type: none"> <li>Secure a part-time job or volunteer experience.</li> <li>Develop your skills.</li> </ul>
 Evolution and Medicine (SB & G) OR ASM 294: Bones, Bodies, and Bioarchaeology OR HCR 220: Introduction to Health Professions and the U.S. Health Care System (H) OR HCR 294: Research: Health Promotion for Families	3	C	
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB)	3		
Elective	3		

❗ Complete First-Year Composition requirement.

❗ Complete Mathematics (MA) requirement.

Term hours subtotal: 16

Term 4 45 - 60 Credit Hours <b>Critical course signified by</b> ❗	Hours	Minimum Grade	Notes
ASB 394: Statistics for Social Scientists OR ASM 463: A Practical Guide to Bayesian Data Analysis (CS) OR ASM 465: Quantification and Analysis for Anthropologists (CS) OR HCD 300: Biostatistics (CS) OR SOC 390: Social Statistics I (CS) OR STP 226: Elements of Statistics (CS) OR STP 231: Statistics for Life Science (CS)	3	C	<ul style="list-style-type: none"> <li>All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <a href="https://thecollege.asu.edu/student-resources/science-society">https://thecollege.asu.edu/student-resources/science-society</a>. At least one of the two courses must be upper division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.</li> <li>Explore an <b>internship</b>.</li> </ul>
Science and Society Elective	3	C	
Complete 3 courses: Elective	9		
Term hours subtotal:	15		

Summer 4 60 - 66 Credit Hours	Hours	Minimum Grade	Notes
SSH 403: Cross-Cultural Studies in Global Health ((L or SB) & G)	6	C	<ul style="list-style-type: none"> <li>All global health majors are required to go on a study abroad program either the summer after Term 4, or the summer after Term 6. The six hours in Term Summer 4 reflect the six hours that must be completed abroad through the School of Human Evolution and Social Change. Please see an academic advisor for study abroad program options.</li> <li>For more information about planning for, applying to, and paying for your study abroad program, please visit the <b>Global Education Office website</b>.</li> </ul>
Term hours subtotal:	6		

Term 5 66 - 81 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Upper Division Science and Society Elective	3	C	<ul style="list-style-type: none"> <li>All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <a href="https://thecollege.asu.edu/student-resources/science-society">https://thecollege.asu.edu/student-resources/science-society</a>. At least one of the two courses must be upper division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.</li> <li>Develop your <b>professional online presence</b>.</li> </ul>
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Computer/Statistics/Quantitative Applications (CS)	3		
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	15		

Term 6 81 - 93 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Upper Division Health and Human Biology Course	3	C	<ul style="list-style-type: none"> <li>Research <b>employment opportunities</b>.</li> <li>Complete an in person or <b>virtual practice interview</b>.</li> </ul>
★ Upper Division Research Practicum Course	3	C	
Complete 2 courses: Upper Division Elective	6		

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 12

Term 7 93 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ASM 201: Epidemics and Outbreaks OR ASB 484: Student Outbreak Response Team OR HEP 444: Epidemiology	3	C	<ul style="list-style-type: none"> <li>• Study abroad requirement must be completed by Term 7.</li> <li>• Gather professional references.</li> </ul>
★ Upper Division Culture, Society, and Health Course	3	C	
Complete 2 courses: Upper Division Elective	6		
Elective	3		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Research Practicum Course	3	C	<ul style="list-style-type: none"> <li>• Apply for full-time career opportunities.</li> </ul>
Complete 2 courses: Upper Division Elective	6		
Elective	3		
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

Health and Human Biology Course	Culture, Society, and Health Course	Research Practicum Course
ASB 408: Advanced Evolutionary Medicine or BIO 408: Advanced Evolutionary Medicine	ASB 300: Food and Culture ((L or SB) & C)	ASB 452: Community Partnerships for Global Health (SB)
ASB 448: Maternal and Child Health	ASB 301: Global History of Health (SB & G & H)	ASB 455: Practicum for Social Sciences (SB)
ASM 341: Human Osteology	ASB 305: Poverty and Global Health ((L or SB) & G)	ASB 484: Internship
ASM 342: Evolution of Human Behavior	ASB 327: Disaster! ((L or SB) & C)	ASB 492: Honors Directed Study
ASM 345: Disease and Human Evolution	ASB 353: Death and Dying in Cross-Cultural Perspective ((HU or SB) & G)	ASB 493: Honors Thesis (L)
ASM 394: Ecology and Evolution of Infectious Diseases or BIO 394: Ecology and Evolution of Infectious Diseases	ASB 355: Traditional Medicine and Healing (HU or SB)	ASB 494: Monitoring, Evaluation, and Learning
ASM 401: Health and Human Biology	ASB 357: Society, Drugs and Health (SB & G)	ASB 494: Qualitative Data Analysis
ASM 403: Evolutionary Medicine and Global Health or BIO 403: Evolutionary Medicine and Global Health	ASB 370: Ethics of Eating (L or SB)	ASB 494: Research Design for Global Health
ASM 450: Bioarchaeology (SB & G)	ASB 376: Global Health Policy	ASM 414: Urban, Environmental and Health Challenges (SB)
BIO 318: History of Medicine (HU & H) or HPS 331: History of Medicine (HU & H)	ASB 457: Global Mental Health ((L or SB) & G)	BIO 390: Medical/Dental Field Placement
MED 300: Historical and Contemporary Issues in Health (L)	ASB 462: Medical Anthropology: Culture and Health (SB & C)	
PBH 410: Public Mental Health	ASB 494: Ethnic Disparities and Health	
	ASB 494: Health: Social and Biocultural Theories	

ASB 494: One Health
HCD 303: Global Health Care Systems (G)
HCI 344: Management and Leadership in Health Organizations
HCR 494: Refugee Health Education
MIC 314: HIV/AIDS: Science, Behavior, and Society
PBH 422: Health Disparities and Access to Health
PBH 435: Environmental and Occupational Health (L)
POS 427: Social Welfare and Health Policy
SOC 424: Women and Health (SB)
SOC 427: Sociology of Health and Illness (SB)
TCL 321: Transborder Community Development and Health
TCL 323: Latina/o Health Issues (SB & C)
TCL 326: Health of Chicanas and Latinas (SB & C)
TCL 327: Health and Migration (SB)
TCL 410: Race, Medicine, and the Body (L)
WST 360: Women as Healers (SB & G)
WST 365: Women and International Health (G)
WST 440: Politics of Women's Health (SB & C)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.
- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map

### Global Health, BS



School/College: [The College of Liberal Arts and Sciences](#)



Location: [Online ASU Local](#)

LASSHBS

Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ASB 100: Introduction to Global Health (SB & G)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>Select your <b>career interest area</b> and play <a href="mailto:me3@ASU">me3@ASU</a>.</li> </ul>
ASU 101-LA: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Term hours subtotal:	7		




Term 1 - B 7 - 13 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR	3	C	<ul style="list-style-type: none"> <li>Students who do not test into MAT 251 must take the math course they do place into in Term 1B as their elective. Do not take MAT 142, as it is not a prerequisite to MAT 251.</li> <li>Create a first draft <b>resume</b>.</li> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> </ul>
ENG 105: Advanced First-Year Composition OR			
ENG 107 or ENG 108: First-Year Composition			
Elective	3		
Term hours subtotal:	6		


Term 2 - A 13 - 20 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ASM 104: Bones, Stones, and Human Evolution (SB or SG)	4	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	7		



Term 2 - B 20 - 26 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
MAT 251: Calculus for Life Sciences (MA)	3		<ul style="list-style-type: none"> <li>Join a <b>student club</b> or professional organization.</li> </ul>
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	6		



Term 3 - A 26 - 33 Credit Hours	Hours	Minimum Grade	Notes
Natural Science - Quantitative (SQ)	4		<ul style="list-style-type: none"> <li>Develop your <b>skills</b>.</li> </ul>
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	7		



Term 3 - B 33 - 39 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ASB 102: Introduction to Cultural Anthropology (SB & G) OR ASB 230: Beginning Social Research (SB) OR ASB 250: Introduction to Evolution and Medicine (SB & G) OR ASM 294: Bones, Bodies, and Bioarchaeology OR HCR 220: Introduction to Health Professions and the U.S. Health Care System (H)	3	C	
Literacy and Critical Inquiry (L)	3		
 Complete First-Year Composition requirement.			
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	6		

Term 4 - A 39 - 45 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ASB 394: Statistics for Social Scientists OR ASM 463: A Practical Guide to Bayesian Data Analysis (CS) OR ASM 465: Quantification and Analysis for Anthropologists (CS) OR HCD 300: Biostatistics (CS) OR SOC 390: Social Statistics I (CS) OR STP 226: Elements of Statistics (CS) OR STP 231: Statistics for Life Science (CS)	3	C	• Explore an <b>internship</b> .
Elective	3		
Term hours subtotal:	6		

Term 4 - B 45 - 51 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 Science and Society Elective	3	C	<ul style="list-style-type: none"> <li>All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <a href="https://thecollege.asu.edu/student-resources/science-society">https://thecollege.asu.edu/student-resources/science-society</a>. At least one of the two courses must be upper division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.</li> </ul>
Elective	3		
Term hours subtotal:	6		

Term 5 - A 51 - 57 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 SSH 403: Cross-Cultural Studies in Global Health ((L or SB) & G)	6	C	<ul style="list-style-type: none"> <li>All global health online majors are strongly encouraged to go on a summer study abroad program to fulfill major requirements. The six hours in Term 5-A reflect the six hours that must be completed abroad, or with two additional Global Health core courses through the School of Human Evolution and Social Change. Please contact your academic advisor for travel dates and options, or to inquire about petitioning for a substitution.</li> <li>For more information about planning for, applying to, and paying for your study abroad program, please visit the <a href="#">Global Education Office website</a>.</li> </ul>
Term hours subtotal:	6		

Term 5 - B 57 - 63 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
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★ Upper Division Science and Society Elective	3	C
Elective	3	
Term hours subtotal:	6	

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/student-resources/science-society>. At least one of the two courses must be upper division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.
- Develop your **professional online presence**.

Term 6 - A 63 - 69 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Computer/Statistics/Quantitative Applications (CS)	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 6 - B 69 - 75 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	6		• Complete an in person or virtual <b>practice interview</b> .

Term 7 - A 75 - 81 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses: Elective	6		
Term hours subtotal:	6		

Term 7 - B 81 - 87 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Research Practicum Course	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		• Research <b>employment opportunities</b> .

Term 8 - A 87 - 93 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Health and Human Biology Course	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		• Secure a <b>part-time job</b> or <b>volunteer experience</b> .

Term 8 - B 93 - 99 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Research Practicum Course	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		

Term 9 - A 99 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ASM 201: Epidemics and Outbreaks OR ASB 484: Student Outbreak Response Team OR HEP 444: Epidemiology	3	C	
Term hours subtotal:	3		• Gather <b>professional references</b> .

Upper Division Elective	3
Term hours subtotal:	6

Term 9 - B 105 - 111 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Elective	6		• Apply for full-time career opportunities.
Term hours subtotal:	6		

Term 10 - A 111 - 117 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Upper Division Culture, Society, and Health Course	3	C	• Study abroad requirement should be completed by Term 10-A.
Elective	3		
Term hours subtotal:	6		

Term 10 - B 117 - 120 Credit Hours	Hours	Minimum Grade	Notes
Elective	3		
Term hours subtotal:	3		

Hide Course List(s)/Track Group(s)

Health and Human Biology Course	Culture, Society, and Health Course	Research Practicum Course
ASB 408: Advanced Evolutionary Medicine or BIO 408: Advanced Evolutionary Medicine	ASB 300: Food and Culture ((L or SB) & C)	ASB 452: Community Partnerships for Global Health (SB)
ASB 448: Maternal and Child Health	ASB 301: Global History of Health (SB & G & H)	ASB 455: Practicum for Social Sciences (SB)
ASM 342: Evolution of Human Behavior	ASB 305: Poverty and Global Health ((L or SB) & G)	ASB 484: Internship
ASM 345: Disease and Human Evolution	ASB 327: Disaster! ((L or SB) & C)	ASB 494: Monitoring, Evaluation, and Learning
ASM 401: Health and Human Biology	ASB 353: Death and Dying in Cross-Cultural Perspective ((HU or SB) & G)	ASB 494: Qualitative Data Analysis
ASM 403: Evolutionary Medicine and Global Health or BIO 403: Evolutionary Medicine and Global Health	ASB 355: Traditional Medicine and Healing (HU or SB)	ASB 494: Research Design for Global Health
ASM 450: Bioarchaeology (SB & G)	ASB 357: Society, Drugs and Health (SB & G)	ASM 414: Urban, Environmental and Health Challenges (SB)
BIO 318: History of Medicine (HU & H) or HPS 331: History of Medicine (HU & H)	ASB 370: Ethics of Eating (L or SB)	
MED 300: Historical and Contemporary Issues in Health (L)	ASB 376: Global Health Policy	
PBH 410: Public Mental Health	ASB 457: Global Mental Health ((L or SB) & G)	
	ASB 462: Medical Anthropology: Culture and Health (SB & C)	
	ASB 494: Ethnic Disparities and Health	
	ASB 494: Health: Social and Biocultural Theories	
	ASB 494: One Health	

HCD 303: Global Health Care Systems (G)

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HCI 344: Management and Leadership in Health Organizations

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PBH 422: Health Disparities and Access to Health

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PBH 435: Environmental and Occupational Health (L)

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SOC 427: Sociology of Health and Illness (SB)

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**Notes:**

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.
- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map




### Global Studies, BA



School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe](#)

LASGSBA

Term 1 0 - 14 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 <b>SGS 101: Thinking Globally (SB &amp; G)</b>	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required for all first-year students.</li> <li><b>ASU Language Placement:</b> Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.</li> <li>This major requires an international experience. Students must complete an approved <b>study abroad experience</b> or an approved international internship.</li> <li>Activate your <b>Handshake account</b> and build out your profile.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
MAT 142: College Mathematics (MA)	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Term hours subtotal:	14		

Term 2 14 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 <b>SGS 204: Professional Global Career Development</b>	3	C	<ul style="list-style-type: none"> <li>Related Area Courses: Any course from the subjects in the list below will apply to the Related Area requirement.</li> <li>Meet with a study abroad professional and complete the <b>Study Abroad 101 workshop</b>.</li> <li>Join a <b>student club</b> or professional organization.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Related Area Course	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 30 - 44 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 <b>SGS Elective</b>	3	C	<ul style="list-style-type: none"> <li>Create a first draft <b>resume</b>.</li> <li>Develop your <b>skills</b>.</li> </ul>
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	

Humanities, Arts and Design (HU) AND Historical Awareness (H)	3
Natural Science - Quantitative (SQ)	4
🚩 Complete First-Year Composition requirement.	
🚩 Complete Mathematics (MA) requirement.	
Term hours subtotal:	14

Term 4 44 - 60 Credit Hours Critical course signified by 🚩	Hours	Minimum Grade	Notes
🚩 SGS Elective	3	C	• Explore an <b>internship</b> .
Related Area Course	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Literacy and Critical Inquiry (L)	3		
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	16		

Term 5 60 - 75 Credit Hours Necessary course signified by ⭐	Hours	Minimum Grade	Notes
⭐ SGS 305: Empirical Political Inquiry (SB)	3	C	<ul style="list-style-type: none"> <li>• The global studies major requires all students to complete an international experience. The experience must be approved by the School of Politics and Global Studies' internship coordinator before the experience is completed. Meet with our <b>internship coordinator</b> to develop a plan to fulfill this requirement.</li> <li>• Thinking about graduate school? Consider registering for a grad school <b>test prep course</b>.</li> </ul>
Complete 2 courses:	6	C	
Related Area Course			
SGS Elective	3	C	
Upper Division Elective	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by ⭐	Hours	Minimum Grade	Notes
⭐ SGS 401: Political Statistics (CS)	3	C	<ul style="list-style-type: none"> <li>• Maximum of three hours of SGS 484 can apply toward SGS Electives.</li> <li>• Complete an in person or virtual <b>practice interview</b>.</li> </ul>
⭐ SGS Upper Division Elective	3	C	
Complete 3 courses:	9		
Upper Division Elective			
⭐ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by ⭐	Hours	Minimum Grade	Notes
⭐ SGS Upper Division Elective	3	C	• Gather <b>professional references</b> .
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Complete 2 courses:	6		
Upper Division Elective			
Elective	2		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by ⭐	Hours	Minimum Grade	Notes
⭐ SGS 484: Internship OR SGS 484: Global Experience	3	C	

SGS Upper Division Elective	3	C
Upper Division Literacy and Critical Inquiry (L)	3	
Complete 2 courses: Upper Division Elective	6	
Term hours subtotal:	15	

- Apply for full-time career opportunities.

- All Global Studies majors must complete six major elective courses. Nine hours of the major electives must be upper division. Students must earn a "C" or better in the courses.
- Maximum of three hours of SGS 484 can apply toward SGS Electives.
- Students must complete 12 credit hours in courses drawn from related areas. Courses from the subjects listed below may be used. Only upper-division foreign language courses offered by the School of International Letters and Cultures apply to the related area requirement. Students must earn a "C" or better in the related area courses.

#### Hide Course List(s)/Track Group(s)

##### Related Area Courses

AFR OR ASB OR ASM OR BIO OR COM  
OR ECN OR GCU OR GPH OR HST OR JUS  
OR PAF OR POR OR POS OR PUP OR REL  
OR SOS OR SPA OR WST Elective

#### Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

#### General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)

- Historical Awareness (H)

#### First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.








## 2023 - 2024 Major Map

### Global Studies, BA

School/College: [The College of Liberal Arts and Sciences](#)

Location: [Online ASU Local](#)

LASGSBA

Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 <b>SGS 101: Thinking Globally (SB &amp; G)</b>	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific First-Year Seminar is required for all first-year students.</li> <li><b>ASU Language Placement:</b> Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.</li> <li>This major requires an international experience. Students must complete an approved <b>study abroad experience</b> or an approved international internship.</li> </ul>
ASU 101-LA: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		
Term 1 - B 7 - 13 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> <li>Activate your <b>Handshake account</b> and build out your profile.</li> </ul>
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	6		
Term 2 - A 13 - 20 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 <b>SGS 204: Professional Global Career Development</b>	3	C	<ul style="list-style-type: none"> <li><b>ASU Language Placement:</b> Only true beginners are eligible for 101-level courses. All other students are required to take a language placement exam, regardless of prior credit earned.</li> <li>Join a <b>student club</b> or professional organization.</li> </ul>
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV; * French, Italian, German, Spanish and Vietnamese are available online.	4	C	
Term hours subtotal:	7		
Term 2 - B 20 - 27 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
<b>MAT 142: College Mathematics (MA)</b>	3	C	<ul style="list-style-type: none"> <li>Create a first draft <b>resume</b>.</li> </ul>
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or	4	C	

equivalent), including American Sign Language IV;  
 \* French, Italian, German, Spanish and Vietnamese are available  
 online.

◆ Complete ENG 101 OR ENG 105 OR ENG 107 course(s).

Term hours subtotal: 7

Term 3 - A 27 - 34 Credit Hours Critical course signified by ◆	Hours	Minimum Grade	Notes
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◆ SGS Elective

3 C

• Develop your skills.

Second Language: Requirement satisfied through the following:  
 \* Completion of a language course at the intermediate level (202 or  
 equivalent), including American Sign Language IV;  
 \* French, Italian, German, Spanish and Vietnamese are available  
 online.

4 C

Term hours subtotal: 7

Term 3 - B 34 - 41 Credit Hours Critical course signified by ◆	Hours	Minimum Grade	Notes
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Second Language: Requirement satisfied through the following:  
 \* Completion of a language course at the intermediate level (202 or  
 equivalent), including American Sign Language IV;  
 \* French, Italian, German, Spanish and Vietnamese are available  
 online.

4 C

Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S.  
 (C)

3

◆ Complete First-Year Composition requirement.

◆ Complete Mathematics (MA) requirement.

Term hours subtotal: 7

Term 4 - A 41 - 47 Credit Hours Critical course signified by ◆	Hours	Minimum Grade	Notes
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◆ SGS Elective

3 C

Explore an internship.

Literacy and Critical Inquiry (L)

3

Term hours subtotal: 6

Term 4 - B 47 - 53 Credit Hours	Hours	Minimum Grade	Notes
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Natural Science - Quantitative (SQ)

4

Elective

2

Term hours subtotal: 6

Term 5 - A 53 - 59 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ SGS 305: Empirical Political Inquiry (SB)

3 C

SGS Elective

3 C

Term hours subtotal: 6

• The global studies major requires all students to complete an international experience. The experience must be approved by the School of Politics and Global Studies' internship coordinator before the experience is completed. Meet with our **internship coordinator** to develop a plan to fulfill this requirement.

Term 5 - B 59 - 65 Credit Hours	Hours	Minimum Grade	Notes
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Upper Division Literacy and Critical Inquiry (L)

3

Social-Behavioral Sciences (SB)	3
Term hours subtotal:	6

- Thinking about graduate school? Consider registering for a grad school **test prep course**.

Term 6 - A 65 - 71 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ SGS 401: Political Statistics (CS)	3	C	<ul style="list-style-type: none"> <li>• Related Area Courses: Any course from the subjects in the list below will apply to the Related Area requirement.</li> </ul>
Related Area Course	3	C	
Term hours subtotal:	6		

Term 6 - B 71 - 77 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ SGS Upper Division Elective	3	C	<ul style="list-style-type: none"> <li>• Maximum of three hours of SGS 484 can apply toward SGS Electives.</li> <li>• Complete an in person or virtual <b>practice interview</b>.</li> </ul>
Related Area Course	3	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 77 - 83 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ SGS Upper Division Elective	3	C	
Related Area Course	3	C	
Term hours subtotal:	6		

Term 7 - B 83 - 90 Credit Hours	Hours	Minimum Grade	Notes
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Upper Division Elective	3		
Term hours subtotal:	7		

Term 8 - A 90 - 96 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ SGS Upper Division Elective	3	C	<ul style="list-style-type: none"> <li>• Gather <b>professional references</b>.</li> <li>• Maximum of three hours of SGS 484 can apply toward SGS Electives.</li> </ul>
Upper Division Elective	3		
Term hours subtotal:	6		

Term 8 - B 96 - 102 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	6		

Term 9 - A 102 - 108 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	6		

Term 9 - B 108 - 114 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ SGS 484: Internship OR SGS 484: Global Experience	3	C	<ul style="list-style-type: none"> <li>• Apply for full-time <b>career opportunities</b>.</li> </ul>
Upper Division Elective	3		

Term hours subtotal: 6

Term 10 - A 114 - 120 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Related Area Course	3	C	
Upper Division Elective	3		
Term hours subtotal:		6	

- Maximum of three hours of SGS 484 can apply toward SGS Electives.
  - Students must complete 12 credit hours in courses drawn from related areas. Courses from the following subjects may be used. Only upper-division foreign language courses offered by the School of International Letters and Cultures apply to the related area requirement. Students must earn a "C" grade or better in the related area courses.

Hide Course List(s)/Track Group(s)

Related Area Courses

AFR OR ASB OR ASM OR BIO OR COM  
OR ECN OR GCU OR GPH OR HST OR JUS  
OR PAF OR POR OR POS OR PUP OR REL  
OR SOS OR SPA OR WST Elective

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)

- Historical Awareness (H)

#### First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

## 2023 - 2024 Major Map







### History, BA

School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe](#)

LAHISBA

Only the stand-alone BA or the accelerated History BA/MA combination are available to ASU Online students at this time.

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 HST Survey Course AND Historical Awareness (H)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>Select your <a href="#">Career Interest Communities</a> and play <a href="#">me3@ASU</a>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
MAT 142: College Mathematics (MA)	3	C	
Related Area Course	3	C	
Elective	3		
Maintain 2.25 GPA in HST.			
Term hours subtotal:	16		
Term 2 16 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 HST 130: The Historian's Craft	3	C	<ul style="list-style-type: none"> <li>Students who have completed 30 credit hours and ENG 102 may take HST 330 in place of HST 130.</li> <li><b>ASU Language Placement and Testing:</b> Only true beginners are eligible for 101-level second language courses. All other students are required to take a placement exam, regardless of prior credit earned, to verify the course level is appropriate. Students already proficient in a second language may take a proficiency exam.</li> <li>Join a <a href="#">student club</a> or professional organization.</li> <li>If interested in law school, review the <a href="#">Pre-Law at ASU</a> website.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Natural Science - Quantitative (SQ)	4		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Maintain 2.25 GPA in HST.			
Term hours subtotal:	14		
Term 3 30 - 46 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
Related Area Course	3	C	<ul style="list-style-type: none"> <li>Many General Studies requirements can overlap with major requirements, leaving</li> </ul>

Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C
Computer/Statistics/Quantitative Applications (CS)	3	
Humanities, Arts and Design (HU)	3	
Literacy and Critical Inquiry (L)	3	
◆ Complete First-Year Composition requirement.		
◆ Complete Mathematics (MA) requirement.		
Maintain 2.25 GPA in HST.		
Term hours subtotal:	16	

more room for electives. In particular, many history courses satisfy HU and SB General Studies requirements. Consult an academic advisor to select the best courses for your personal plan of study.

- Explore opportunities to **study abroad**.

Term 4 46 - 60 Credit Hours Critical course signified by ◆	Hours	Minimum Grade	Notes
◆ HST Survey Course	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Maintain 2.25 GPA in HST.			
Term hours subtotal:	14		

- Choosing a Social-Behavioral Sciences (SB) course that also fulfills Global Awareness (G) is recommended if the G requirement has not already been satisfied through other coursework.
- Visit **Career and Professional Development Services** and **meet with a career advisor** for assistance with career planning and networking.
- If interested in law school, **make an appointment** with the pre-law advisor.

Term 5 60 - 76 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Comparative History Course	3	C	
HST 304: Studies in European History	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Social-Behavioral Sciences (SB)	3		
Maintain 2.25 GPA in HST.			
Term hours subtotal:	16		

- The sequence of upper-division history courses shown here is a suggested one. Except where prerequisites dictate the order, consult an academic advisor to determine the best sequence of courses for your personal plan of study.
- HST 304 is a variable topics course. Some topics carry one or more General Studies designations. Check the class schedule to confirm any General Studies designations for the specific course topic.
- Choosing a Humanities (HU) course that also fulfills Cultural Diversity in the United States (C) is recommended.
- Consider participating in an **Undergraduate Research Experience** through the School of Historical, Philosophical and Religious Studies or a research opportunity in the **Humanities Lab**.
- If planning on law school, prepare to take the **LSAT**.

Term 6 76 - 91 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division History in the Wild Course	3	C	
HST 303: Studies in Asian History OR HST 305: Studies in Latin American History OR HST 307: Studies in African History	3	C	

- HST 303, 305, and 307 are variable topics courses. Some topics carry one or more General Studies designations. Check the

Upper Division Related Area Course	3	C
Upper Division Elective OR HST 484: Internship	3	
Elective	3	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
Maintain 2.25 GPA in HST.		
Term hours subtotal:	15	

class schedule to confirm any General Studies designations for the specific course topic.

- Participate in an **internship** to gain valuable career experience and contacts. For help exploring internship **opportunities related to your major**, meet with an academic advisor.
- Explore **graduate school** opportunities.

Term 7 91 - 106 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HST 495: Methods of Historical Inquiry (L)	3	C	<ul style="list-style-type: none"> <li>• Use Handshake to research <b>employment opportunities</b>.</li> <li>• Attend <b>career fairs, workshops and related events</b> offered by Career and Professional Development Services.</li> </ul>
Upper Division Related Area Course	3	C	
HST Upper Division Elective	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Elective	3		
Maintain 2.25 GPA in HST.			
Term hours subtotal:	15		

Term 8 106 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HST 306: Studies in United States History	3	C	<ul style="list-style-type: none"> <li>• HST 306 is a variable topics course. Some topics carry one or more General Studies designations. Check the class schedule to confirm any General Studies designations for the specific course topic.</li> <li>• Take advantage of mock interview opportunities and assistance with writing <b>resumes and cover letters</b>.</li> <li>• Apply for <b>career opportunities</b>.</li> </ul>
HST Upper Division Elective	3	C	
Complete 2 courses:	6		
Upper Division Elective			
Elective	2		
★ Maintain 2.25 GPA in HST.			
Term hours subtotal:	14		

- HST 302-307 are variable topics courses. Students may take these courses for credit multiple times, so long as the topics are different. Some topics carry one or more General Studies designations. Check the class schedule to confirm any General Studies designations for the specific course topic.
- All students are required to take one course from HST 304 and HST 306, plus one course chosen from HST 303, HST 305, or HST 307. Students may select any topic within these course numbers for this requirement. However, for the Comparative History and History in the Wild requirements, students must choose only from the specific topics shown in the Comparative History and History in the Wild lists below. Any topic under HST 302 will count as a Comparative History course. Students must complete 33 total credit hours in history (HST), so any variable topics courses taken for Comparative History and History in the Wild will be in addition to the standard requirement for HST 304, HST 306, and (HST 303, 305, or 307).
- Students must complete 12 credits of courses in Related Areas, at least six of which must be upper division.

Hide Course List(s)/Track Group(s)

HST Survey Courses	History in the Wild	Comparative History
HST 100: Global History to 1500 (HU & H & G)	HST 302: Envisioning Peace	HST 301: Global History of Health (SB & G & H)



HST 101: Global History Since 1500 (HU & H & G)	HST 306: Historic Preservation in the U.S.	HST 302: Studies in History
HST 102: Europe and the Mediterranean: Ancient and Medieval (SB & H)	HST 306: Landscape, Place and Memory in American History	HST 303: Empires in Asia
HST 103: Early Modern Europe: Renaissance to Enlightenment ((HU or SB) & H)	HST 306: Monuments and Memory	HST 303: WWII in Asia: Cultures of War
HST 104: Modern Europe: French Revolution to European Union ((HU or SB) & G & H)	HST 306: U.S. Urban History	HST 304: Witchcraft and Christianity in the Atlantic World
HST 106: Asian Civilizations ((HU or SB) & G & H)	HST 414: Political History and Leadership	HST 309: Exploration and Empire ((L or HU) & H)
HST 108: Introduction to Japan (SB & G & H)	HST 485: History in the Wild	HST 326: The Global History of the Trans-Atlantic Slave Trade (SB & H)
HST 109: United States to 1865 ((HU or SB) & H)		HST 336: Islamic Civilization (HU & H)
HST 110: United States Since 1865 (SB & H)		HST 339: Islam in the Modern World (HU & G)
HST 111: Introduction to Asia (HU & H & G)		HST 357: Historical Perspectives on Philosophy and Religion
HST 230: Introduction to Jewish Civilization (HU & H & G)		HST 358: Jewish History from Antiquity to 1492 (SB & H)
		HST 359: Jewish History from 1492 to 1948 (SB & G & H)
		HST 404: Conquest and Encounters in Colonial Latin America (L & G)
		HST 435: The Russian Empire (SB & H)
		HST 454: History of Genocide (G & H)
		HST 456: The Vietnam War (SB & G & H)
		HST 460: World War II (HU & H & G)
<b>Related Area courses</b>	<b>Related Area courses continued</b>	<b>Related Area courses continued</b>
AFR OR AIS OR APA OR APH OR ARS OR ASB OR ASM OR ECN OR GCU OR HPS OR HUL OR JUS OR PHI OR POS OR REL OR SGS OR SOC OR TCL OR WST Elective	JPN 115: Japanese Popular Culture: Anime, Manga and Film (G)	SLC 123: Gods and Monsters: Comparative Mythology (HU & G)
ARB 331: Arabic/Islamic Culture and Literature (HU & H & G)	JPN 333: Japanese Civilization from the Ice Age to Last Thursday	SLC 141: Russian Civilization: From Tsars to Putin ((L or HU) & G & H) or RUS 141: Russian Civilization: From Tsars to Putin ((L or HU) & G & H)
ARB 335: Arabic Culture and Islam (G)	JPN 354: Zen and Japanese Culture or SLC 354: Zen and Japanese Culture	SLC 144: The Ancient Mediterranean
ARB 336: Introduction to the Qur'an (G)	JPN 355: Religious Practice of People in Modern Japan (HU & G) or SLC 355: Religious Practice of People in Modern Japan (HU & G)	SLC 221: Survey of Ancient Greek Literature (HU)
ARB 337: Hadith and Prophetic Tradition (HU & H & G)	JPN 367: Religion, Philosophy and Culture in Japan or SLC 367: Religion, Philosophy and Culture in Japan	SLC 340: Approaches to International Cinema (HU & G) or FMS 341: Approaches to International Cinema (HU & G)
ARB 341: Quran Text and Women (HU & H)	JPN 370: Japanese Aesthetics: Art and Beauty in Japan or SLC 370: Japanese Aesthetics: Art and Beauty in Japan	SLC 344: Classics and Comics (HU) or GRK 344: Classics and Comics (HU) or LAT 344: Classics and Comics (HU)
ARB 351: Classical Arabic Literature (HU & G)	JPN 414: Introduction to Classical Japanese	SLC 425: Globalization: From Colonialism to Climate Change (HU & G)
ARB 352: Modern Arabic Literature in Translation (HU & G)	JPN 415: Advanced Classical Japanese	
ARB 360: Islamic Philosophical Literature		

ARB 427: Arabic Prose: Reading the Arabian Nights	JPN 445: Readings in Modern Japanese Letters and Culture	SLC 439: Art in Exile: VladĀ-mir VladĀ-mirovich Nabokov (L or HU) or RUS 439: Art in Exile: VladĀ-mir VladĀ-mirovich Nabokov (L or HU)
ARB 428: Arab Women's Writing (HU & G) or SLC 428: Arab Women's Writing (HU & G)	JST Elective (not from JST 131, 132, 231, or 232)	SLC 442: Dracula and Vampire Lore ((L or HU) & G & H) or ROM 442: Dracula and Vampire Lore ((L or HU) & G & H)
BIO 316: History of Biology: Conflicts and Controversies (H)	KOR 250: Korean Culture and Society (HU & G)	SLV 440: History of Slavic Languages (SB)
BIO 318: History of Medicine (HU & H)	KOR 321: Modern Korean Literature (HU) or SLC 321: Modern Korean Literature (HU)	SPA 325: Introduction to Hispanic Literature (HU)
CHI 120: Introduction to Chinese Culture (L or HU) or SLC 120: Introduction to Chinese Culture (L or HU)	KOR 347: Korean Film and Literature (HU)	SPA 425: Understanding Spain: Literature and Culture Before 1700 (L or HU)
CHI 321: Chinese Literature (HU)	KOR 350: Women of Korea (H)	SPA 426: Literature and Society in Modern Spain (HU)
CHI 322: Chinese Literature (HU & G)	KOR 375: Intercultural Communication in Korea (SB & G) or SLC 375: Intercultural Communication in Korea (SB & G)	SPA 427: Colonial and Postcolonial Latin American Literature (L or HU)
CHI 345: Chinese Film and Civilization	KOR 415: Korean Popular Culture (HU & G) or SLC 415: Korean Popular Culture (HU & G)	SPA 428: Foundational Texts of Latin American Literature Since Modernismo ((L or HU) & G)
CHI 348: Pathways into Chinese Culture	KOR 420: Emotions Across Languages, Cultures and History (HU & G) or SLC 420: Emotions Across Languages, Cultures and History (HU & G)	SPA 429: Writing Mexico: Major Texts ((L or HU) & G)
CHI 451: Chinese Cultural History I ((HU or SB) & H) or SLC 451: Chinese Cultural History I ((HU or SB) & H)	KOR 457: Premodern Korea in a Global Context (HU) or SLC 457: Premodern Korea in a Global Context (HU)	SPA 434: Drama of the Golden Age
CHI 452: Chinese Cultural History II (SB & G & H) or SLC 452: Chinese Cultural History II (SB & G & H)	LAT 222: Survey of Roman Literature (HU) or SLC 222: Survey of Roman Literature (HU)	SPA 456: 20th-Century Spanish American Fiction
CHI 470: Modern Chinese Literature and Culture	LAT 421: Roman Literature (HU & G)	SPA 464: JaitĀn Works in Chicano/a Literature ((HU or SB) & C)
ENG Elective (not from ENG 101-197)	MCO 418: History of Mass Communication (SB & H)	SPA 471: Civilization of the Indohispanomexicano Southwest ((L or HU) & C)
FRE 305: Readings in French Literature (G)	MUS 354: Popular Music	SPA 472: Latin American Society: Five Case Studies (HU & H & G)
FRE 321: French Cultural Masterpieces I ((L or HU) & H)	MUS 355: American Music (HU & C & H)	SPA 473: Old and New Spaniards: Culture and Civilization of Spain ((HU or SB) & G)
FRE 322: French Cultural Masterpieces II (L or HU)	MUS 356: Broadway and the American Musical (HU)	SPA 485: Chicano/a Short Story: Espanglish, Barrio y Xicanisma (L & C)
FRE 414: French and Italian Popular Culture ((L or HU) & G) or ITA 414: French and Italian Popular Culture ((L or HU) & G) or SLC 414: French and Italian Popular Culture ((L or HU) & G)	MUS 362: Rap Music and Hip Hop Culture (HU & C)	SPA 486: Chicano/a Novel: Āltima, Rafa y Lala
FRE 415: French Civilization I (HU)	MUS 371: World Music (HU & G)	SPA 487: Chicano/a Drama: Pachucos, Vendidos y Cerezitas (C)
FRE 416: French Civilization II (HU & G)	MUS 410: History of Women in Music (HU & C & H)	THE 320: History of the Theatre I (HU & H)
FRE 453: Theater of the 19th Century (HU)	POR 472: Luso-Brazilian Civilization (HU & G)	THE 321: History of the Theatre II (HU & H)
FRE 461: Modern Narrative (HU)	PSY 414: History of Psychology (L or SB)	THE 322: Theatre History and Culture (HU & H)
GER 315: Germanic Mythology (HU & G)	PUP 412: History of the City ((L or HU) & H)	THE 421: Shakespeare: Stage and Film (L or HU)
GER 416: German Civilization (HU & H & G)	RUS 322: Scandals and Scoundrels: The Nineteenth-Century Russian Novel (L or HU)	
GER 421: German Literature Survey, 800-1800 (HU)		

GER 422: German Literature Survey, 1800-Today (L or HU)	RUS 323: Russian Literature and Revolution: The Twentieth Century ((L or HU) & G)	THE 425: Chekhov and Russian Drama (L or HU)
GER 431: German Humor	RUS 421: Pushkin (L or HU)	THE 430: History of Fashion I (HU)
GER 441: Fairy Tales (HU & G) or SLC 441: Fairy Tales (HU & G)	RUS 425: Chekhov and Russian Drama (L or HU)	
GRK 142: Ancient Greek Civilization (HU & H) or SLC 142: Ancient Greek Civilization (HU & H)	RUS 430: Russian Short Story (L or HU)	
GRK 223: Introduction to Greek and Roman Mythology (HU) or LAT 223: Introduction to Greek and Roman Mythology (HU) or SLC 223: Introduction to Greek and Roman Mythology (HU)		
GRK 301: Ancient Greek Literature I (HU & G)		
GRK 302: Ancient Greek Literature II (HU & G)		
GRK 444: Heroes, Ancient and Modern (L or HU) or LAT 444: Heroes, Ancient and Modern (L or HU) or SLC 444: Heroes, Ancient and Modern (L or HU)		
HEB 347: Modern Israeli Literature in Translation (HU & G) or SLC 347: Modern Israeli Literature in Translation (HU & G)		
HEB 348: Israeli Society and Culture (HU & G) or SLC 348: Israeli Society and Culture (HU & G)		
HEB 375: Contemporary Culture of Israel (HU & G)		
HON 171: The Human Event (L or HU)		
HON 272: The Human Event ((L or HU) & H)		
HON 370: History of Ideas (L or HU)		
HON 378: Culture and Society in England, Ireland, and Scotland (HU & H & G)		
HON 379: Romantics, Victorians, and Moderns (HU & G)		
HON 380: Aesthetics and Society (HU)		
ITA 321: Italian Renaissance Culture: Politicians, Merchants, Artists and Courtesans (H)		
ITA 322: Modern Italian Culture: Explorers, Scientists, Musicians and Revolutionaries (HU)		
ITA 420: Italian Cinema (L & G)		

**Notes:**

- - **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
  - **Mathematics Placement Assessment** score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.
- At least 12 upper-division hours in the major (HST) must be in courses offered by The College of Liberal Arts and Sciences.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.25 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

## 2023 - 2024 Major Map

### History, BA

School/College: [The College of Liberal Arts and Sciences](#)

Location: [Online ASU Local](#)

LAHISBA




Only the stand-alone BA or the accelerated History BA/MA combination are available to ASU Online students at this time.

Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 HST 100: Global History to 1500 (HU & H & G) OR HST 101: Global History Since 1500 (HU & H & G) OR HST 109: United States to 1865 ((HU or SB) & H) OR HST 110: United States Since 1865 (SB & H)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar is required of all first-year students.</li> <li>Select your <a href="#">Career Interest Communities</a> and play <a href="#">me3@ASU</a>.</li> </ul>
ASU 101-LA: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Maintain 2.25 GPA in HST.			
Term hours subtotal:	7		




Term 1 - B 7 - 13 Credit Hours	Hours	Minimum Grade	Notes
MAT 142: College Mathematics (MA)	3	C	<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> <li>Many General Studies requirements can overlap with major courses, leaving more room for electives. In particular, many history courses satisfy HU and SB General Studies requirements. Consult an academic advisor to select the best courses for your personal plan of study.</li> </ul>
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	6		


Term 2 - A 13 - 20 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li><b>ASU Language Placement and Testing:</b> Only true beginners are eligible for 101-level second language courses. All other students are required to take a placement exam, regardless of prior credit earned, to verify the course level is appropriate. Students already proficient in a second language may take a proficiency exam.</li> </ul>
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Term hours subtotal:	7		

	Minimum
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Term 2 - B 20 - 27 Credit Hours <b>Critical course signified by</b> 	Hours	Grade	Notes
 <b>HST 130: The Historian's Craft</b>	3	C	<ul style="list-style-type: none"> <li>• Transfer students who have completed 30 credit hours and ENG 102 may take HST 330 in place of HST 130.</li> <li>• If interested in law school, review the <a href="#">Pre-Law at ASU</a> website.</li> </ul>
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Maintain 2.25 GPA in HST.			
Term hours subtotal:	7		

Term 3 - A 27 - 34 Credit Hours	Hours	Minimum Grade	Notes
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	<ul style="list-style-type: none"> <li>• Choosing a Humanities, Arts and Design (HU) course that also fulfills the Cultural Diversity in the U.S. (C) requirement is recommended if these requirements have not already been satisfied.</li> </ul>
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	7		

Term 3 - B 34 - 41 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
Related Area Course	3	C	<ul style="list-style-type: none"> <li>• Explore opportunities to <a href="#">study abroad</a>. Online students are eligible and encouraged to participate!</li> </ul>
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
 Complete First-Year Composition requirement.			
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	7		

Term 4 - A 41 - 47 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
HST 100: Global History to 1500 (HU & H & G) OR HST 101: Global History Since 1500 (HU & H & G) OR HST 109: United States to 1865 ((HU or SB) & H) OR HST 110: United States Since 1865 (SB & H)	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Maintain 2.25 GPA in HST.			
Term hours subtotal:	6		

Term 4 - B 47 - 53 Credit Hours	Hours	Minimum Grade	Notes
Natural Science - Quantitative (SQ)	4		<ul style="list-style-type: none"> <li>• Explore the <a href="#">Career and Professional Development Services</a> website and arrange a <a href="#">virtual advising</a> session with a career counselor for assistance with career planning and networking.</li> <li>• If interested in law school, <a href="#">make an appointment</a> with the pre-law advisor.</li> </ul>
Elective	2		
Term hours subtotal:	6		

Term 5 - A 53 - 59 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 Upper Division Comparative History Course	3	C	<ul style="list-style-type: none"> <li>• The sequence of upper-division history courses shown here is a suggested one. Except where prerequisites dictate the order, students</li> </ul>
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		

Maintain 2.25 GPA in HST.

Term hours subtotal: 6

should consult an academic advisor to determine the best sequence of courses for their personal plan of study.

Term 5 - B 59 - 65 Credit Hours	Hours	Minimum Grade	Notes
HST 304: Studies in European History	3	C	<ul style="list-style-type: none"> <li>HST 304 is a variable topics course. Some topics carry one or more General Studies designations. Check the class schedule to confirm any General Studies designations for the specific course topic.</li> <li>Choosing a Social-Behavioral Sciences (SB) course that also fulfills the Global Awareness (G) requirement is recommended if these requirements have not already been satisfied.</li> <li>Consider participating in an <a href="#">Undergraduate Research Experience</a> through the School of Historical, Philosophical and Religious Studies.</li> </ul>
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Maintain 2.25 GPA in HST.			
Term hours subtotal:	6		

Term 6 - A 65 - 72 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ HST 303: Studies in Asian History	3	C	<ul style="list-style-type: none"> <li>HST 303 is a variable topics course. Some topics carry one or more General Studies designations. Check the class schedule to confirm any General Studies designations for the specific course topic.</li> </ul>
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Maintain 2.25 GPA in HST.			
Term hours subtotal:	7		

Term 6 - B 72 - 78 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ HST 485: History in the Wild	3	C	<ul style="list-style-type: none"> <li>Consider participating in an <a href="#">internship</a> to gain valuable career experience and contacts. For help exploring internship <a href="#">opportunities related to your major</a>, contact an academic advisor.</li> </ul>
Related Area Course	3	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Maintain 2.25 GPA in HST.			
Term hours subtotal:	6		

Term 7 - A 78 - 84 Credit Hours	Hours	Minimum Grade	Notes
HST Upper Division Elective	3	C	<ul style="list-style-type: none"> <li>If planning on law school, prepare to take the <a href="#">LSAT</a>.</li> </ul>
Literacy and Critical Inquiry (L)	3		
Maintain 2.25 GPA in HST.			
Term hours subtotal:	6		

Term 7 - B 84 - 90 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ HST 495: Methods of Historical Inquiry (L)	3	C	
Elective	3		
Maintain 2.25 GPA in HST.			
Term hours subtotal:	6		

Term 8 - A 90 - 96 Credit Hours	Hours	Minimum Grade	Notes
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Upper Division Related Area Course	3	C
Elective	3	
Term hours subtotal:	6	

- Explore [graduate school](#) opportunities.

<b>Term 8 - B 96 - 102 Credit Hours Necessary course signified by</b>	<b>Hours</b>	<b>Minimum Grade</b>	<b>Notes</b>
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★ HST 306: Studies in United States History	3	C
Upper Division Elective	3	
Maintain 2.25 GPA in HST.		
Term hours subtotal:	6	

- HST 306 is a variable topics course. Some topics carry one or more General Studies designations. Check the class schedule to confirm any General Studies designations for the specific course topic.
- View career [webinars](#) offered by Career and Professional Development Services.

<b>Term 9 - A 102 - 108 Credit Hours Necessary course signified by</b>	<b>Hours</b>	<b>Minimum Grade</b>	<b>Notes</b>
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★ HST Upper Division Elective	3	C
Upper Division Related Area Course	3	C
Maintain 2.25 GPA in HST.		
Term hours subtotal:	6	

- Use Handshake to research [employment opportunities](#).

<b>Term 9 - B 108 - 114 Credit Hours</b>	<b>Hours</b>	<b>Minimum Grade</b>	<b>Notes</b>
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Upper Division Elective	3	
Elective	3	
Term hours subtotal:	6	

- Take advantage of mock interview opportunities and assistance with writing [resumes and cover letters](#).

<b>Term 10 - A 114 - 120 Credit Hours Necessary course signified by</b>	<b>Hours</b>	<b>Minimum Grade</b>	<b>Notes</b>
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Complete 2 courses:	6	
Upper Division Elective		
★ Maintain 2.25 GPA in HST.		
Term hours subtotal:	6	

- Apply for [career opportunities](#).

- HST 302-306 are variable topics courses. Students may take these courses for credit multiple times, so long as the topics are different. Some topics carry one or more General Studies designations. Check the class schedule to confirm any General Studies designations for the specific course topic.
- All students are required to take one course from HST 303, HST 304 and HST 306. Students may select any topic within these course numbers for this requirement. However, for the Comparative History requirement, students must choose only from the specific topics shown in the Comparative History list below. All topics under HST 302 fulfill the Comparative History requirement. Students must complete 33 total credit hours in history (HST), so any variable topics course taken for Comparative History will be in addition to the standard requirement for HST 303, HST 304 and HST 306.
- Students must complete 12 credits of Related Area courses, at least six of which must be upper division.

Hide Course List(s)/Track Group(s)

Comparative History	Related Area
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HST 301: Global History of Health (SB & G & H)	AFR OR APA OR ASB OR ASM OR ECN OR GCU OR HUL OR JUS OR PHI OR POS OR REL OR SGS OR SOC OR TCL OR WST Elective
HST 302: Studies in History	
HST 303: Empires in Asia	ARB 331: Arabic/Islamic Culture and Literature (HU & H & G)
HST 304: Witchcraft and Christianity in the Atlantic World	ARB 335: Arabic Culture and Islam (G)
HST 309: Exploration and Empire ((L or HU) & H)	ARB 336: Introduction to the Qur'an (G)
HST 326: The Global History of the Trans-Atlantic Slave Trade (SB & H)	BIO 316: History of Biology: Conflicts and Controversies (H)
HST 339: Islam in the Modern World (HU & G)	BIO 318: History of Medicine (HU & H)  ENG Elective (not from ENG 101-197)
HST 454: History of Genocide (G & H)	GER 441: Fairy Tales (HU & G) or SLC 441: Fairy Tales (HU & G)
HST 456: The Vietnam War (SB & G & H)	
HST 460: World War II (HU & H & G)	GRK 223: Introduction to Greek and Roman Mythology (HU) or LAT 223: Introduction to Greek and Roman Mythology (HU) or SLC 223: Introduction to Greek and Roman Mythology (HU)
	HON 370: History of Ideas (L or HU)
	JPN 355: Religious Practice of People in Modern Japan (HU & G) or SLC 355: Religious Practice of People in Modern Japan (HU & G)
	MCO 418: History of Mass Communication (SB & H)
	MUS 354: Popular Music
	MUS 355: American Music (HU & C & H)
	MUS 356: Broadway and the American Musical (HU)
	MUS 362: Rap Music and Hip Hop Culture (HU & C)
	MUS 371: World Music (HU & G)
	MUS 410: History of Women in Music (HU & C & H)
	SLC 442: Dracula and Vampire Lore ((L or HU) & G & H) or ROM 442: Dracula and Vampire Lore ((L or HU) & G & H)
	SPA 325: Introduction to Hispanic Literature (HU)
	SPA 425: Understanding Spain: Literature and Culture Before 1700 (L or HU)
	SPA 426: Literature and Society in Modern Spain (HU)

SPA 427: Colonial and Postcolonial Latin American Literature (L or HU)

SPA 428: Foundational Texts of Latin American Literature Since Modernismo ((L or HU) & G)

SPA 429: Writing Mexico: Major Texts ((L or HU) & G)

SPA 464: JaitÃ³n Works in Chicano/a Literature ((HU or SB) & C)

SPA 471: Civilization of the Indohispanomexicano Southwest ((L or HU) & C)

SPA 472: Latin American Society: Five Case Studies (HU & H & G)

SPA 473: Old and New Spaniards: Culture and Civilization of Spain ((HU or SB) & G)

SPA 486: Chicano/a Novel: Ãltima, Rafa y Lala

SPA 487: Chicano/a Drama: Pachucos, Vendidos y Cerezitas (C)

THE 322: Theatre History and Culture (HU & H)

THE 421: Shakespeare: Stage and Film (L or HU)

THE 430: History of Fashion I (HU)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.
- At least 12 upper-division hours in the major (HST) must be in courses offered by The College of Liberal Arts and Sciences.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.25 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)

**Total Community College Hrs:** 64 maximum  
**Total College Residency Hrs:** 12 minimum

- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.




## 2023 - 2024 Major Map

### History (Secondary Education), BA

School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe](#)

LAHISSEBA

Term 1 0 - 14 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
HST 100: Global History to 1500 (HU & H & G) OR HST 101: Global History Since 1500 (HU & H & G) OR HST 109: United States to 1865 ((HU or SB) & H) OR HST 110: United States Since 1865 (SB & H)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li><b>ASU Language Placement and Testing:</b> Only true beginners are eligible for 101-level second language courses. All other students are required to take a placement exam, regardless of prior credit earned, to verify the course level is appropriate. Students already proficient in a second language may take a proficiency exam.</li> <li>Select your <b>Career Interest Communities</b> and play <b>me3@ASU</b>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
MAT 142: College Mathematics (MA)	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Minimum 2.25 GPA in HST.			
Term hours subtotal:	14		
Term 2 14 - 31 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
HST 100: Global History to 1500 (HU & H & G) OR HST 101: Global History Since 1500 (HU & H & G) OR HST 109: United States to 1865 ((HU or SB) & H) OR HST 110: United States Since 1865 (SB & H)	3	C	<ul style="list-style-type: none"> <li>Students must complete HST 100, HST 101, HST 109 and HST 110 prior to Term 5. These courses may be taken in any order.</li> <li>Students who have completed 30 credit hours and ENG 102 may take HST 330 in place of HST 130.</li> <li>Join a <b>student club</b> or professional organization.</li> </ul>
HST 130: The Historian's Craft	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Natural Science - Quantitative (SQ)	4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s). Minimum 2.25 GPA in HST.			
Term hours subtotal:	17		
Term 3 31 - 45 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes

HST 100: Global History to 1500 (HU & H & G) OR HST 101: Global History Since 1500 (HU & H & G) OR HST 109: United States to 1865 ((HU or SB) & H) OR HST 110: United States Since 1865 (SB & H)	3	C
TEL 111: Exploration of Education (SB)	3	C
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4	
Complete First-Year Composition requirement.		
Complete Mathematics (MA) requirement.		
Minimum 2.25 GPA in HST.		
Term hours subtotal:	14	

- Apply for an Identity Verified Print (IVP) DPS fingerprint card, required by state law for participation in internships in 6-12th grade schools.
- Explore opportunities to study abroad. Summer is usually the best time for students in this major to study abroad.

Term 4 45 - 61 Credit Hours Critical course signified by ⚠	Hours	Minimum Grade	Notes
BLE 220: Foundations of Structured English Immersion (L)	3	C	
EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	3	C	
HST 100: Global History to 1500 (HU & H & G) OR HST 101: Global History Since 1500 (HU & H & G) OR HST 109: United States to 1865 ((HU or SB) & H) OR HST 110: United States Since 1865 (SB & H)	3	C	
SPE 222: Orientation to Education of Exceptional Children (SB & C)	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Minimum 2.25 GPA ASU Cumulative.			
Minimum 2.25 GPA in HST.			
Term hours subtotal:	16		

- Meet with your advisor early in the semester to discuss enrollment in Teachers College (TEL) courses for Term 5. There may be specific steps you need to follow prior to enrolling in these courses, including verification that you have obtained an IVP fingerprint card.
- Visit Career and Professional Development Services and meet with a career advisor for assistance with career planning and networking.

Term 5 61 - 77 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TEL 310: Instructional Thought and Action: Instructional Design and Planning	3	C	
★ TEL 318: Instructional Thought and Action: Assessment for Learning	3	C	
★ TEL 355: Internship: Initial	1	C	
Upper Division Non-U.S. History Course	3	C	
Upper Division United States History Course	3	C	
Elective ( GCU 113 recommended)	3		
★ Minimum 2.25 GPA ASU Cumulative.			
Minimum 2.25 GPA in HST.			
Term hours subtotal:	16		

- While enrolled in TEL 355, you will be paired with a mentor teacher in a 6-12th grade classroom. You will need to complete 45 hours over the semester. Reliable transportation is needed to get to school sites.
- GCU 113 is recommended for the elective course if students have not yet satisfied the AZ Constitution requirement for teacher certification.
- Consider participating in an Undergraduate Research Experience through the School of Historical, Philosophical and Religious Studies or a research opportunity in the Humanities Lab.
- Explore graduate school opportunities.

Term 6 77 - 91 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ HST 480: Methods of Teaching History: Classroom Resources	3	C
★ HST 495: Methods of Historical Inquiry (L)	3	C
★ TEL 317: Instructional Thought and Action: Learning Environment and Management	3	C
★ TEL 366: Internship: Intermediate	1	C
Elective	4	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
★ Minimum 2.25 GPA ASU Cumulative.		
Minimum 2.25 GPA in HST.		
Term hours subtotal:	14	

- Students are encouraged to select free electives from courses in geography, political science, and economics, especially if preparing to teach middle grade (6-8) social studies. Barrett Honors students may use their research and thesis hours as electives.
- While enrolled in TEL 366, you will be paired with a mentor teacher in a 6-12th grade classroom. You will need to complete 45 hours over the semester. Reliable transportation is needed to get to school sites.
- Use [Handshake](#) to research employment opportunities.
- Attend [career fairs, workshops and related events](#) offered by Career and Professional Development Services.

Term 7 91 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HST 481: Methods of Teaching History: Community Resources	3	C	<ul style="list-style-type: none"> <li>• All other degree requirements should be completed prior to student teaching residency. Only one course may be approved to take concurrently with student teaching residency in Term 8.</li> <li>• Students must pass the NES Secondary Professional Knowledge Exam to obtain secondary education teacher certification in Arizona. Completing this exam prior to student teaching residency is highly recommended. See <a href="http://www.aepa.nesinc.com">www.aepa.nesinc.com</a>.</li> <li>• While enrolled in TEL 477, you will be paired with a mentor teacher in a 6-12th grade classroom. You will need to complete 75 hours over the semester. Reliable transportation is needed to get to school sites.</li> </ul>
★ TEL 332: Disciplinary Literacy Methods	3	C	
★ TEL 340: Families, Communities and Cultures: Cultivating Networks of Culturally Responsive Relationships (SB)	3	C	
★ TEL 477: Internship: Advanced	2	C	
Upper Division Non-U.S. History Course	3	C	
Upper Division United States History Course	3	C	
★ Minimum 2.25 GPA ASU Cumulative.			
Minimum 2.25 GPA in HST.			
Term hours subtotal:	17		

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TEL 471: Professional Educator Series: The Principled Educator	1		<ul style="list-style-type: none"> <li>• Student teaching requires a full-time commitment in a 6-12th grade classroom for the semester.</li> <li>• Students must either have passed the Constitutions of the United States and Arizona AEPA exam or have completed coursework covering this requirement within one year of initial certification.</li> <li>• Take advantage of mock interview opportunities and assistance with writing <a href="#">resumes and cover letters</a>.</li> <li>• Apply for <a href="#">career opportunities</a>.</li> </ul>
★ TEL 488: Student Teaching	11	C	
★ Minimum 2.25 GPA ASU Cumulative.			
★ Minimum 2.25 GPA in HST.			
Term hours subtotal:	12		

- At least 12 upper-division hours in history (HST) must be in courses offered by The College of Liberal Arts and Sciences.

Upper Division United States History	Upper Division Non-U.S. History	Upper Division Non-U.S. History Continued
HST 300: Experience of America's Modern Wars (H)	HST 302: Envisioning Peace	HST 404: Conquest and Encounters in Colonial Latin America (L & G)
HST 306: Studies in United States History	HST 302: Gender and Sexuality in Islam	HST 423: The Tudor Monarchy (SB & H)
HST 314: American Cultural History Since 1865 ((HU or SB) & H)	HST 302: History of the Olympic Movement	HST 424: The Stuart Monarchy (SB & H)
HST 315: Political History of the U. S. (SB & H)	HST 302: Jews, Christians & Muslims in Early Modern World	HST 426: The British Empire (H)
HST 316: 20th-Century U.S. Foreign Relations (SB & H)	HST 302: Jews, Christians & Muslims in the Medieval World	HST 427: French Revolution/Napoleonic Era (SB & H)
HST 317: History of Postwar U.S. Conservatism	HST 302: Slavery Systems in Africa	HST 429: Modern Germany (SB & G & H)
HST 318: History of Engineering ((L or SB) & G)	HST 303: Studies in Asian History	HST 430: The Ottoman Empire in the Classical Period
HST 320: U.S. Urban History since 1850 (SB & H)	HST 304: Studies in European History	HST 432: Eastern Europe the Balkans, 20th Century (G & H)
HST 321: Constitutional History/US to 1865 (SB & H)	HST 305: Studies in Latin American History	HST 435: The Russian Empire (SB & H)
HST 322: Constitutional History of the United States Since 1865 (H)	HST 307: Studies in African History	HST 436: Rise & Fall of Soviet Communism (SB & G & H)
HST 323: Historical Studies in Race, Crime, and the Law	HST 309: Exploration and Empire ((L or HU) & H)	HST 438: Modern Spain ((HU or SB) & G & H)
HST 325: Immigration and Ethnicity in the United States (SB & H & C)	HST 324: Food in Latin America (SB & G & H)	HST 439: Athenian Democracy (H)
HST 327: Women in U.S. History, 1600 to 1880 ((HU or SB) & C & H)	HST 326: The Global History of the Trans-Atlantic Slave Trade (SB & H)	HST 441: Latin America and the World Economy (L & G & H)
HST 328: Women in U.S. History, 1880-1980 ((HU or SB) & C & H)	HST 336: Islamic Civilization (HU & H)	HST 443: The United States and Latin America (SB & G & H)
HST 329: Women in 20th-Century U.S. West (H & C)	HST 339: Islam in the Modern World (HU & G)	HST 444: Latin American Independence ((L or HU) & G)
HST 331: Mexican American History to 1900 (SB & H & C)	HST 346: Ancient Greece II: Late Classical and Hellenistic Period (SB & H)	HST 445: 20th-Century Cuba (SB & G & H)
HST 332: Mexican American History Since 1900 (SB & H & C)	HST 347: Ancient Greece I: Bronze Age through the Peloponnesian War (SB & H)	HST 447: Modern Mexico (SB & H)
HST 333: African American History to 1865 (SB & H & C)	HST 348: Rome (SB & H)	HST 448: Mexican/U.S. Border
HST 334: African American History Since 1865 ((HU or SB) & C & H)	HST 349: Early Middle Ages ((HU or SB) & H)	HST 451: Chinese Cultural History I ((HU or SB) & H)
HST 335: History of Black Women in America (SB & H)	HST 350: Later Middle Ages ((HU or SB) & H)	HST 452: Chinese Cultural History II (SB & G & H)
HST 337: American Indian History to 1900 ((HU or SB) & C & H)	HST 351: Renaissance Europe ((L or HU or SB) & H)	HST 454: History of Genocide (G & H)
HST 338: American Indian History since 1900 ((HU or SB) & C & H)	HST 352: Europe's Reformations ((L or HU or SB) & H)	HST 456: The Vietnam War (SB & G & H)
	HST 353: Old Regime in Europe (SB & H)	HST 459: Gandhi and the Politics of Nonviolence
	HST 354: Revolutionary Europe (SB & H)	HST 460: World War II (HU & H & G)
	HST 355: Total War and the Crisis of Modernity (SB & G & H)	HST 465: Women in Europe, 1750 to Present ((HU or SB) & H)
	HST 356: Europe since 1945 (SB & G & H)	

HST 340: American Military History (SB & H)	HST 358: Jewish History from Antiquity to 1492 (SB & H)
HST 341: U.S. West 19th Century (SB & H)	HST 359: Jewish History from 1492 to 1948 (SB & G & H)
HST 342: U.S. West 20th Century (SB & H)	HST 360: The Crusades: Religion & Conflict in the Middle Ages (SB & H)
HST 343: American Southwest ((L or SB) & H)	HST 361: Witchcraft and Heresy in Europe ((L or HU) & H)
HST 344: Arizona (SB & H)	HST 362: Sex and Society in Classical and Medieval Europe (SB & H)
HST 345: Environmental History (L)	HST 363: Sex and Society in Early Modern Europe ((HU or SB) & H)
HST 377: Sports in United States History ((HU or SB) & H)	HST 364: Sex and Society in Modern Europe ((L or SB) & H)
HST 379: History of College Sports	HST 365: World Wars I and II: Europe's Eastern Front
HST 405: Colonial American History to 1763 (SB & H)	HST 366: England to 1689 (SB & H)
HST 406: American Revolution/1763-1789 (SB & H)	HST 367: Modern Britain (SB & H)
HST 407: Early U.S. Republic/1789-1850 ((L or SB) & H)	HST 368: Culture and Imagination in European History (HU & H)
HST 408: Civil War and Reconstruction ((L or SB) & H)	HST 369: History and Memory of the Holocaust
HST 409: Emergence Modern U.S. 1877-1918 (SB & H)	HST 370: Eastern Europe in Transition (SB & G & H)
HST 412: Contemporary U.S., 1973- Present (SB & H)	HST 372: Modern Middle East (SB & G & H)
HST 413: Contemporary America ((L or SB) & H)	HST 373: Roman History I: Foundations and Republic
HST 414: Political History and Leadership	HST 374: Roman History II: The Roman Empire (HU & H)
HST 419: 20th Century Chicano/a History (C)	HST 375: Colonial Latin America (SB & H)
HST 443: The United States and Latin America (SB & G & H)	HST 376: Modern Latin America (SB & G & H)
HST 448: Mexican/U.S. Border	HST 383: China (SB & H)
HST 449: Mexican Immigration to the U.S. ((L or SB) & H & C)	HST 384: Modern China: 1700 to the Present (SB & G & H)
HST 456: The Vietnam War (SB & G & H)	HST 386: Interpreting China's Classics ((L or HU) & H)
	HST 387: Japan ((L or SB) & H)
	HST 388: Japan (SB & G & H)
	HST 389: Japan Society and Values/Premod
	HST 391: Modern Southeast Asia (SB & G & H)



HST 392: Modern India

HST 397: Greece and Rome at War

**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.25 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

## 2023 - 2024 Major Map







### Integrated Studies, BA

School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe](#)

LAISTBA

Students may not be admitted directly to the BA in Integrated Studies. This degree program is only for students who have earned at least 32 graded credit hours at ASU, who have a minimum cumulative GPA of 3.25, and whose study interests are not met by an already-existing major offered by Arizona State University. Students who meet the above qualifications and who have faculty mentors in their areas of interest are invited to meet with the Office of Student and Academic Programs in The College of Liberal Arts and Sciences to discuss the possibility of being allowed to pursue this opportunity. Appointments may be scheduled by calling (480) 965-6506.

Term 1 0 - 14 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li><b>ASU Language Placement:</b> Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.</li> <li>Select your <b>career interest area</b> and play <a href="mailto:me3@asu">me3@asu</a>.</li> </ul>
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Mathematics (MA)	3	C	
Social-Behavioral Sciences (SB)	3		
Minimum 3.25 GPA ASU Cumulative.			
Term hours subtotal:	14		
Term 2 14 - 29 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>Join a <b>student club</b> or professional organization.</li> </ul>
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Elective	2		
 Minimum 3.25 GPA ASU Cumulative. Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		
Term 3 29 - 43 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes

Second Language: Requirement satisfied through the following:

\* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. 4 C

Natural Science - Quantitative (SQ) 4

Social-Behavioral Sciences (SB) AND Global Awareness (G) 3

Elective 3

❖ Complete Mathematics (MA) requirement.

❖ Minimum 3.25 GPA ASU Cumulative.

Complete First-Year Composition requirement.

Term hours subtotal: 14

Term 4 43 - 60 Credit Hours <b>Critical course signified by</b> ❖	Hours	Minimum Grade	Notes
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Second Language: Requirement satisfied through the following:

\* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. 4 C

Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) 3

Literacy and Critical Inquiry (L) 3

Natural Science - Quantitative (SQ) OR Natural Science - General (SG) 4

Elective 3

❖ Minimum 3.25 GPA ASU Cumulative.

Term hours subtotal: 17

- Visit [Career and Professional Development Services](#) and meet with a career advisor for assistance with career planning and networking.
- Explore an [internship](#).

Term 5 60 - 75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
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★ Complete 2 courses:

Approved integrated study courses; determined by advisor. 6 C

Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) 3

Complete 2 courses:

Upper Division Elective 6

Minimum 3.25 GPA ASU Cumulative.

Term hours subtotal: 15

- Create a [resume](#).
- Review or develop your [professional online presence](#).

Term 6 75 - 90 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
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Complete 2 courses:

★ Upper Division Approved integrated study courses; determined by advisor. 6 C

★ Complete 2 courses:

Approved integrated study courses; determined by advisor. 6 C

Upper Division Literacy and Critical Inquiry (L) 3

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Minimum 3.25 GPA ASU Cumulative.

Term hours subtotal: 15

- Research graduate programs and [employment opportunities](#).
- Gather [professional references](#).

Term 7 90 - 105 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
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Complete 4 courses:

★ Upper Division Approved integrated study courses; determined by advisor.	12	C	<ul style="list-style-type: none"> <li>• Prepare applications for graduate programs and <b>full-time career opportunities</b>.</li> <li>• Complete an in person or virtual <b>practice interview</b>.</li> </ul>
★ Approved integrated study courses; determined by advisor.	3	C	
Minimum 3.25 GPA ASU Cumulative.			
Term hours subtotal:		15	

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
<i>Complete 4 courses:</i>			
★ Upper Division Approved integrated study courses; determined by advisor.	12	C	
Upper Division Elective	3		
Minimum 3.25 GPA ASU Cumulative.			
Term hours subtotal:		15	

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 3.25 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

## 2023 - 2024 Major Map



### Integrated Studies, BS



School/College: [The College of Liberal Arts and Sciences](#)


Location: [Tempe](#)

LAISTBS

Students may not be admitted directly to the BS in Integrated Studies. This degree program is only for students who have earned at least 32 graded credit hours at ASU, who have a minimum cumulative GPA of 3.25, and whose study interests are not met by an already-existing major offered by Arizona State University. Students who meet the above qualifications and who have faculty mentors in their areas of interest are invited to meet with the Office of Student and Academic Programs in The College of Liberal Arts and Sciences to discuss the possibility of being allowed to pursue this opportunity. Appointments may be scheduled by calling (480) 965-6506.

Term 1 0 - 16 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>Select your <b>career interest area</b> and <b>play me3@ASU</b>.</li> </ul>
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Mathematics (MA)	3	C	
Complete 2 courses: Elective	6		
Minimum 3.25 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 2 16 - 31 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>Join a <b>student club</b> or professional organization</li> </ul>
Computer/Statistics/Quantitative Applications (CS)	3		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Complete 2 courses: Elective	6		
Minimum 3.25 GPA ASU Cumulative.			
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		

Term 3 31 - 44 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
Science and Society Elective	3	C	<ul style="list-style-type: none"> <li>Before registering in term 4, students must meet with an advisor in The College of Liberal Arts and Sciences' Office of Student and</li> </ul>
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		

Natural Science - Quantitative (SQ)	4
Elective	3
♦ Complete Mathematics (MA) requirement.	
♦ Minimum 3.25 GPA ASU Cumulative.	
Complete First-Year Composition requirement.	
Term hours subtotal:	13

Academic Programs to develop an approved program of integrated study courses.

- Visit **Career and Professional Development Services** and meet with a career advisor for assistance with career planning and networking.

Term 4 44 - 60 Credit Hours <b>Critical course signified by</b> ♦	Hours	Minimum Grade	Notes
♦ Approved integrated study courses; determined by advisor.	3	C	<ul style="list-style-type: none"> <li>• Develop your <b>skills</b></li> <li>• Explore an <b>internship</b></li> </ul>
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Social-Behavioral Sciences (SB)	3		
Elective	3		
♦ Minimum 3.25 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 5 60 - 75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Complete 3 courses:			<ul style="list-style-type: none"> <li>• Review or develop your <b>professional online presence</b></li> <li>• Create a <b>resume</b></li> </ul>
Approved integrated study courses; determined by advisor.	9	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Elective	3		
★ Minimum 3.25 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
Complete 2 courses:			<ul style="list-style-type: none"> <li>• Research <b>graduate programs and employment opportunities</b></li> <li>• Gather <b>professional references</b></li> </ul>
★ Upper Division Approved integrated study courses; determined by advisor.	6	C	
★ Approved integrated study courses; determined by advisor.	3	C	
Upper Division Science and Society Elective	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
★ Minimum 3.25 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
Complete 4 courses:			<ul style="list-style-type: none"> <li>• Prepare applications for graduate programs and full-time <b>career opportunities</b></li> <li>• Complete an in person or virtual <b>practice interview</b></li> </ul>
★ Upper Division Approved integrated study courses; determined by advisor.	12	C	
Upper Division Elective	3		
★ Minimum 3.25 GPA ASU Cumulative.			
Term hours subtotal:	15		

		Minimum	
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Term 8 105 - 120 Credit Hours <b>Necessary course signified by</b> ★	Hours	Grade	Notes
<i>Complete 4 courses:</i>			
★ Upper Division Approved integrated study courses; determined by advisor.	12	C	
Upper Division Elective	3		
★ Minimum 3.25 GPA ASU Cumulative.			
Term hours subtotal:		15	

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 3.25 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.










## 2023 - 2024 Major Map

### International Letters and Cultures, BA

School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe](#)

LASLCBA

Term 1 0 - 14 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 Approved Selected Language Courses	4-5	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>Students in this major must be eligible to take a 200-level or above selected target language course in the first term.</li> <li><b>ASU Language Placement:</b> Only true beginners are eligible for 101-level courses. Students with previous experience in the language are required to take a language placement test.</li> <li>Learn about <b>intensive language</b> courses.</li> <li>Engage in your <b>language and culture</b> area at ASU.</li> </ul>
 SLC 201: Introduction to Linguistics (HU or SB) OR SLC 202: Exploring Cultures: Words, Images, Stories (HU & G)	3	C	
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
Mathematics (MA) ( MAT 142 recommended)	3		
Term hours subtotal:	14-15		
Term 2 14 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 Approved Selected Language Courses	4-5	C	<ul style="list-style-type: none"> <li>Start planning your study abroad experience. Learn about <b>faculty directed summer programs</b> offered through the School of International Letters and Cultures.</li> <li>Meet with a School of International Letters and Cultures <b>academic advisor</b> to discuss the best study abroad options for your major.</li> <li>Attend a <b>Financing your Study Abroad Program</b> Workshop.</li> <li>Select your <b>Career Interest Communities</b> and play <b>me3@ASU</b>.</li> </ul>
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Milestone: Meet with a SILC advisor before the end of the term to seek guidance in writing personal statement.			
Minimum 2.33 GPA ASU Cumulative.			
Minimum cumulative 3.00 GPA in primary target language courses.			
Term hours subtotal:	16-17		
Term 3 30 - 44 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 Approved Selected Language Courses	4-5	C	



🚩 Course from approved Program of Study	3	C
Literacy and Critical Inquiry (L)	3	
Natural Science - Quantitative (SQ)	4	
🚩 Complete Mathematics (MA) requirement.		
🚩 Complete First-Year Composition requirement.		
🚩 Milestone: Write a personal statement and submit statement by the end of the term; receive Program of Study approval.		
Minimum 2.33 GPA ASU Cumulative.		
Term hours subtotal:	14-15	

- Meet with your **academic advisor** in SILC regarding your program of study, which is tailored for individual students.
- Explore your **career interest** area.
- Learn about research opportunities through the ASU **Humanities Lab**.
- Activate your **Handshake account** and build out your profile.

Term 4 44 - 60 Credit Hours <b>Critical course signified by</b> 🚩	Hours	Minimum Grade	Notes
🚩 <i>Complete 3 courses:</i>	9	C	• Learn about <b>internships, scholarships and awards</b> available to language and culture majors.
Course from approved Program of Study			
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	3		
Minimum 2.33 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 5 60 - 75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ <i>Complete 3 courses:</i>	9	C	• Learn about <b>national scholarships, fellowships and research opportunities</b> .
Upper Division Course from approved Program of Study			
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Elective	3		
Minimum 2.33 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ <i>Complete 3 courses:</i>	9	C	• Make plans to study abroad in an <b>ASU Study Abroad</b> summer, semester, or academic year program.
Upper Division Course from approved Program of Study			
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Minimum 2.33 GPA ASU Cumulative.			• Use Handshake to research <b>employment opportunities</b> .
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ <i>Complete 3 courses:</i>	9	C	• Learn about ways to <b>build your skills</b> .
Upper Division Course from approved Program of Study			
Upper Division Literacy and Critical Inquiry (L)	3		
Elective OR SLC 484: Internship	3		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
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★ 4** (400-Level) GRK/LAT/SLC Course	3	C
Upper Division Course from approved Program of Study	3	C
Course from approved Program of Study	3	C
Complete 2 courses: Upper Division Elective	6	
Term hours subtotal:	15	

- Attend a [Career Services](#) job fair or networking event.

- This degree program is intended for students who are already fairly competent in the language selected to study. The language selected by the student must be one offered by the School of International Letters and Cultures. Please see an academic advisor in SILC for approval of the language as well as the program of study which is tailored for individual students. Because of the nature of the degree program, students taking Romanian should be at least at the 313 level by the end of Term 1, and students taking Greek should be at least at the 301 level by the end of Term 1. Students in all other languages should be at the 201 level by the end of Term 1.

#### Hide Course List(s)/Track Group(s)

Approved Selected Language Courses	400-Level GRK/LAT/SLC Course
ARB 201: Intermediate Arabic I (G) AND ARB 202: Intermediate Arabic II (G)	GRK 444: Heroes, Ancient and Modern (L or HU) or SLC 444: Heroes, Ancient and Modern (L or HU)
ASL 201: American Sign Language III AND ASL 202: American Sign Language IV	LAT 421: Roman Literature (HU & G)
BCS 201: Intermediate Serbo-Croatian (G) AND BCS 202: Intermediate Serbo-Croatian (G)	SLC 414: French and Italian Popular Culture ((L or HU) & G)
CHI 201: Second-Year Chinese I (G) AND CHI 202: Second-Year Chinese II (G) or CHI 210: Intensive Chinese II	SLC 423: Italian Organized Crime in Films and History ((L or HU) & G)
FRE 201: Intermediate French I (G) AND FRE 202: Intermediate French II (G) or FRE 210: Intensive French II (G)	SLC 429: Studies in European Literature and Culture
GER 201: Intermediate German I (G) AND GER 202: Intermediate German II (G) or GER 210: Intensive German II (G)	SLC 439: Art in Exile: VladĂ-mir VladĂ-mirovich Nabokov (L or HU)
GRK 301: Ancient Greek Literature I (HU & G) AND GRK 302: Ancient Greek Literature II (HU & G)	SLC 440: Film Theory and Criticism
HEB 201: Intermediate Modern Hebrew (G) AND HEB 202: Intermediate Modern Hebrew (G)	SLC 441: Fairy Tales (HU & G)
HEB 231: Biblical Hebrew III (G) AND HEB 232: Biblical Hebrew IV (G)	SLC 442: Dracula and Vampire Lore ((L or HU) & G & H)
IDN 201: Intermediate Indonesian I (G) AND IDN 202: Intermediate Indonesian II (G)	SLC 445: Holocaust, War and German Memory (HU)
ITA 201: Intermediate Italian I (G) AND ITA 202: Intermediate Italian II (G) or ITA 210: Intensive Italian II (G)	SLC 446: Weimar-Era German Film
	SLC 447: German Modernism
	SLC 450: Experimental Narrative (HU)
	SLC 455: Berlin: Migration, Arts and Activism (G)

JPN 201: Second-Year Japanese I (G) AND  
JPN 202: Second-Year Japanese II (G) or JPN  
210: Intensive Japanese II

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KOR 201: Second-Year Korean I (G) AND  
KOR 202: Second-Year Korean II (G)

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LAT 201: Intermediate Latin I (HU & G)  
AND LAT 202: Intermediate Latin II (HU &  
G)

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PLC 201: Intermediate Polish AND PLC 202:  
Intermediate Polish

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POR 201: Intermediate Portuguese I (G) AND  
POR 202: Intermediate Portuguese II (G)

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ROM 313: Romanian Composition and  
Conversation (HU & H & G) AND ROM 314:  
Romanian Composition and Conversation (HU  
& H & G)

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RUS 201: Intermediate Russian I (G) AND  
RUS 202: Intermediate Russian II (G)

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SPA 201: Intermediate Spanish (G) AND SPA  
202: Intermediate Spanish (G) or SPA 203:  
Intermediate Spanish I for Bilinguals (C & G)  
AND SPA 204: Intermediate Spanish II for  
Bilinguals (C & G) or SPA 210: Intensive  
Spanish II (G)

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VTN 201: Intermediate Vietnamese I (G)  
AND VTN 202: Intermediate Vietnamese II  
(G)

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**Notes:**

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)

- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.











## 2023 - 2024 Major Map



### International Letters and Cultures (Arabic Studies), BA




School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe](#)

LASLCASBA



Term 1 0 - 18 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ARB 101: Elementary Arabic I (G)	5	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific First-Year Seminar required of all first-year students.</li> <li><b>ASU Language Placement:</b> Only true beginners are eligible to take 101-level language courses. Students with previous experience in the language must take a placement test.</li> <li>Engage in <b>Arabic</b> at ASU. Practice your language skills at the <b>SILC Cafe</b>.</li> </ul>
 SLC 201: Introduction to Linguistics (HU or SB) OR SLC 202: Exploring Cultures: Words, Images, Stories (HU & G)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
MAT 142: College Mathematics (MA)	3	C	
Elective	3		
Term hours subtotal:	18		
Term 2 18 - 33 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ARB 102: Elementary Arabic II (G)	5	C	<ul style="list-style-type: none"> <li>Meet with a School of International Letters and Cultures academic advisor to discuss the best <b>study abroad</b> options for your major. Attend a <b>Financing Your Study Abroad Program Workshop</b>.</li> <li>Select your <b>career interest area</b> and play <b>me3@ASU</b>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB)	3		
 Complete ENG 101 or ENG 105 or ENG 107 course(s).			
Term hours subtotal:	15		
Term 3 33 - 48 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ARB 201: Intermediate Arabic I (G)	5	C	<ul style="list-style-type: none"> <li>Meet with a School of International Letters and Cultures academic advisor to learn about <b>internships and scholarships and awards</b> for language and culture majors.</li> <li>Arabic offers many opportunities if you are interested in working for the <b>Peace Corps</b>.</li> </ul>
Computer/Statistics/Quantitative Applications (CS)	3		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Elective	4		
 Complete First-Year Composition requirement.			
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	15		

Term 4 48 - 60 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ARB 202: Intermediate Arabic II (G)	5	C	<ul style="list-style-type: none"> <li>• Meet with a School of International Letters and Cultures academic advisor to learn about <b>internships</b> and <b>scholarships and awards</b> for language and culture majors.</li> <li>• Proficiency in Arabic offers an advantage to those who are interested in <b>U.S. State Department careers</b>.</li> <li>• Learn about research opportunities through the ASU <b>Humanities Lab</b>.</li> </ul>
Literacy and Critical Inquiry (L)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	12		

Term 5 60 - 75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 ARB 311: Advanced Arabic Skills I OR ARB 315: Advanced Arabic for Heritage Speakers	3	C	<ul style="list-style-type: none"> <li>• Learn about <b>national scholarships, fellowships, and research opportunities</b>.</li> </ul>
 ARB 331: Arabic/Islamic Culture and Literature (HU & H & G)	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 ARB 341: Quran Text and Women (HU & H)	3	C	<ul style="list-style-type: none"> <li>• Students must take a minimum of six credit hours in concentration electives. Credit hours in excess of the six required credit hours will be counted as elective hours toward the 120 total credit hours required for any ASU degree.</li> <li>• Explore your <b>career interest area</b>.</li> <li>• Use Handshake to research <b>employment opportunities</b>.</li> </ul>
 ARB 411: Advanced Arabic Skills II (G)	3	C	
 Upper Division Concentration Electives	3	C	
Upper Division Elective OR SLC 484: Internship	3		
Elective	3		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 ARB 351: Classical Arabic Literature (HU & G)	3	C	<ul style="list-style-type: none"> <li>• Gather <b>professional references</b>.</li> </ul>
 Upper Division Concentration Electives	3	C	
 Upper Division Restricted Content Courses in Arabic	3	C	
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 ARB 352: Modern Arabic Literature in Translation (HU & G)	3	C	<ul style="list-style-type: none"> <li>• Attend an <b>ASU Career Services</b> workshop or Job Fair.</li> </ul>
 Upper Division Related Area Course Electives	3	C	
 Upper Division Restricted Content Courses in Arabic	3	C	
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

Hide Course List(s)/Track Group(s)

Restricted Content Courses in Arabic	Concentration Electives	Related Area Courses
ARB 421: Arabic Conversation II	ARB 321: Arabic Conversation I	AFR 480: Different Voices Within Contemporary Islamic Discourse
ARB 422: Advanced Arabic Media (G)	ARB 335: Arabic Culture and Islam (G)	HST 360: The Crusades: Religion & Conflict in the Middle Ages (SB & H)
ARB 427: Arabic Prose: Reading the Arabian Nights	ARB 336: Introduction to the Qur'an (G)	HST 372: Modern Middle East (SB & G & H)
	ARB 337: Hadith and Prophetic Tradition (HU & H & G)	POS 353: Comparative Politics of the Middle East
	ARB 340: Arabic Translation	REL 365: Islamic Civilization (HU & H)
	ARB 360: Islamic Philosophical Literature	
	ARB 394: Special Topics	
	ARB 421: Arabic Conversation II	
	ARB 422: Advanced Arabic Media (G)	
	ARB 428: Arab Women's Writing (HU & G)	
	ARB 493: Honors Thesis (L)	
	ARB 494: Special Topics	
	ARB 499: Individualized Instruction	

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

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**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

#### First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.








## 2023 - 2024 Major Map

### International Letters and Cultures (Classical Civilization), BA

School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe](#)

LASLCVBA

Term 1 0 - 14 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 SLC 201: Introduction to Linguistics (HU or SB) OR SLC 202: Exploring Cultures: Words, Images, Stories (HU & G)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li><b>ASU Language Placement:</b> Only true beginners are eligible for 101-level courses. Students with experience in the language must take a placement exam.</li> <li>Learn about <b>Intensive Language courses</b> at ASU.</li> <li>Explore your <b>career interest area</b>.</li> <li>Engage in the <b>Classics</b> at ASU. Practice your language skills at the <b>SILC Cafe</b>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
Second Language: Requirement satisfied through the following: * Completion of a second language course at the 4th semester intermediate level (202 or above).	4	C	
Mathematics (MA) ( MAT 142 recommended)	3	C	
Term hours subtotal:	14		
Term 2 14 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>Start planning your study abroad experience. Learn about <b>ASU Study Abroad programs</b>.</li> <li>Meet with a School of International Letters and Cultures <b>academic advisor</b> to discuss the best study abroad options for your major.</li> <li>Attend a <b>Financing Your Study Abroad Program</b> workshop.</li> <li>Select your <b>career interest area</b> and play <b>me3@ASU</b>.</li> </ul>
Second Language: Requirement satisfied through the following: * Completion of a second language course at the 4th semester intermediate level (202 or above).	4	C	
Cultural Diversity in the U.S. (C)	3		
Complete 2 courses: Elective	6		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		
Term 3 30 - 43 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
GRK 142: Ancient Greek Civilization (HU & H) or SLC 142: Ancient Greek Civilization (HU & H) OR LAT 143: Roman Civilization (HU & H) or SLC 143: Roman Civilization (HU & H)	3	C	<ul style="list-style-type: none"> <li>Learn about <b>internships, scholarships and awards</b> and explore your <b>career interest area</b>.</li> </ul>
Second Language: Requirement satisfied through the following: * Completion of a second language course at the 4th semester intermediate level (202 or above).	4	C	
Computer/Statistics/Quantitative Applications (CS)	3		

Elective 3

◆ Complete Mathematics (MA) requirement.

◆ Complete First-Year Composition requirement.

Term hours subtotal: 13

Term 4 43 - 59 Credit Hours Critical course signified by ◆	Hours	Minimum Grade	Notes
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◆ Ancient World Elective

3 C

GRK 223: Introduction to Greek and Roman Mythology (HU) OR

LAT 223: Introduction to Greek and Roman Mythology (HU) OR

SLC 223: Introduction to Greek and Roman Mythology (HU)

Second Language: Requirement satisfied through the following:

\* Completion of a second language course at the 4th semester intermediate level (202 or above).

4 C

Literacy and Critical Inquiry (L)

3

Social-Behavioral Sciences (SB)

3

Term hours subtotal: 16

- Meet with a School of International Letters and Cultures **academic advisor** to discuss the best **study abroad** options for your major.

Term 5 59 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ Upper Division Ancient World Elective

3 C

Upper Division Culture Core

3 C

Natural Science - Quantitative (SQ)

4

Social-Behavioral Sciences (SB) AND Global Awareness (G)

3

Upper Division Elective

3

Term hours subtotal: 16

- Explore your **career interest** area.

Term 6 75 - 91 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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Upper Division Ancient World Elective

3 C

Upper Division Culture Core

3 C

Upper Division History Core

3 C

Natural Science - General (SG) OR Natural Science - Quantitative (SQ)

4

Upper Division Elective

3

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 16

- Meet with a School of International Letters and Cultures **academic advisor** to discuss the best **study abroad** options for your major.
- Visit the **Office of National Scholarship Advisement** to learn more about national scholarships, fellowships and research opportunities.
- Use Handshake to research **employment opportunities**.

Term 7 91 - 106 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ 4\*\* (400-Level) GRK/LAT/SLC Course

3 C

Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)

3

Upper Division Literacy and Critical Inquiry (L)

3

Upper Division Elective OR SLC 484: Internship

3

Elective

3

Term hours subtotal: 15

- Build your **skills**.

Term 8 106 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ Upper Division Ancient World Elective	3	C
Upper Division History Core	3	C
Complete 2 courses: Upper Division Elective	6	
Elective	2	
Term hours subtotal:	14	

- Attend an ASU Career Services Job Fair.

Hide Course List(s)/Track Group(s)

Upper Division Culture Core	History Core	Ancient World Electives
GRK 351: Tales of Troy (HU & H) or SLC 351: Tales of Troy (HU & H)	GRK 346: Ancient Greece II: Late Classical and Hellenistic Period (SB & H) or SLC 346: Ancient Greece II: Late Classical and Hellenistic Period (SB & H) or HST 346: Ancient Greece II: Late Classical and Hellenistic Period (SB & H)	APH 313: History of Architecture I ((L or HU) & G & H)
GRK 352: The Rise and Fall of Ancient Athens (HU & H) or SLC 352: The Rise and Fall of Ancient Athens (HU & H)	GRK 347: Ancient Greece I: Bronze Age through the Peloponnesian War (SB & H) or HST 347: Ancient Greece I: Bronze Age through the Peloponnesian War (SB & H) or SLC 345: Ancient Greece I: Bronze Age through the Peloponnesian War (SB & H)	ARS 402: Art of Ancient Egypt (HU & H)
GRK 353: Alexander and His Empires (HU & H) or SLC 353: Alexander and His Empires (HU & H)	LAT 373: Roman History I: Foundations and Republic or SLC 373: Roman History I: Foundations and Republic or HST 373: Roman History I: Foundations and Republic	ARS 404: Greek Art (HU & H)
LAT 356: Rome from Village to Empire or SLC 356: Rome from Village to Empire	LAT 374: Roman History II: The Roman Empire (HU & H) or SLC 374: Roman History II: The Roman Empire (HU & H) or HST 374: Roman History II: The Roman Empire (HU & H)	ARS 406: Roman Art (HU & H)
LAT 357: Rome's First Emperor (HU & H) or SLC 357: Rome's First Emperor (HU & H)		ASB 330: Understanding Archaeology (SB)
LAT 358: Saving the Roman Empire ((L or HU) & H) or SLC 358: Saving the Roman Empire ((L or HU) & H)		ENG 303: Classical Backgrounds of English Literature (HU)
		GRK 201: Intermediate Ancient Greek (G)
		GRK 301: Ancient Greek Literature I (HU & G)
		GRK 302: Ancient Greek Literature II (HU & G)
		GRK 344: Classics and Comics (HU) or LAT 344: Classics and Comics (HU) or SLC 344: Classics and Comics (HU)
		GRK 346: Ancient Greece II: Late Classical and Hellenistic Period (SB & H) or SLC 346: Ancient Greece II: Late Classical and Hellenistic Period (SB & H) or HST 346: Ancient Greece II: Late Classical and Hellenistic Period (SB & H)
		GRK 347: Ancient Greece I: Bronze Age through the Peloponnesian War (SB & H) or HST 347: Ancient Greece I: Bronze Age through the Peloponnesian War (SB & H) or SLC 345: Ancient Greece I: Bronze Age through the Peloponnesian War (SB & H)
		GRK 360: Greece and Rome at War or LAT 360: Greece and Rome at War or SLC 360: Greece and Rome at War or HST 397: Greece and Rome at War
		GRK 444: Heroes, Ancient and Modern (L or HU) or SLC 444: Heroes, Ancient and Modern (L or HU)

HST 349: Early Middle Ages ((HU or SB) & H)

HST 362: Sex and Society in Classical and Medieval Europe (SB & H)

HST 495: Methods of Historical Inquiry (L)

LAT 201: Intermediate Latin I (HU & G)

LAT 202: Intermediate Latin II (HU & G)

LAT 361: Roman Religion (HU) or SLC 361: Roman Religion (HU) or REL 361: Roman Religion (HU)

LAT 373: Roman History I: Foundations and Republic or SLC 373: Roman History I: Foundations and Republic or HST 373: Roman History I: Foundations and Republic

LAT 421: Roman Literature (HU & G)

PHI 328: History of Ancient Philosophy (HU & H)

POS 340: History of Political Philosophy I (HU & H)

REL 315: Hebrew Bible (Old Testament) ((L or HU) & H)

REL 316: Literary Readings of the Hebrew Bible (L or HU)

REL 371: New Testament (HU)

REL 375: Lost Scriptures, Forgotten Gospels (HU)

400-Level GRK/LAT/SLC Course

GRK 444: Heroes, Ancient and Modern (L or HU) or SLC 444: Heroes, Ancient and Modern (L or HU)

LAT 421: Roman Literature (HU & G)

SLC 414: French and Italian Popular Culture ((L or HU) & G)

SLC 423: Italian Organized Crime in Films and History ((L or HU) & G)

SLC 429: Studies in European Literature and Culture

SLC 439: Art in Exile: VladĀ-mir VladĀ-mirovich Nabokov (L or HU)

SLC 440: Approaches to Film Theory

SLC 441: Fairy Tales (HU & G)

SLC 442: Dracula and Vampire Lore ((L or HU) & G & H)

SLC 445: Holocaust, War and German  
Memory (HU)

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SLC 446: Weimar-Era German Film

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SLC 447: German Modernism

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SLC 450: Experimental Narrative (HU)

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SLC 455: Berlin: Migration, Arts and  
Activism (G)

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**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.













## 2023 - 2024 Major Map

### International Letters and Cultures (Classics) - Greek, BA

School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe](#)

LASLCCBA

Term 1 0 - 14 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 GRK 101: Elementary Ancient Greek (G)	4	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li><b>ASU Language Placement:</b> Only true beginners are eligible for 101-level courses. Students with previous experience in the language are required to take a language placement test.</li> <li>Engage in the <b>Classics</b> at ASU. Practice your language skills at the <b>SILC Cafe</b>.</li> </ul>
 SLC 201: Introduction to Linguistics (HU or SB) OR SLC 202: Exploring Cultures: Words, Images, Stories (HU & G)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
Mathematics (MA) ( MAT 142 recommended)	3		
 Minimum 2.33 GPA ASU Cumulative.			
 Minimum 3.00 GPA in GRK.			
Term hours subtotal:	14		
Term 2 14 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 GRK 201: Intermediate Ancient Greek (G)	4	C	<ul style="list-style-type: none"> <li>Start planning your study abroad experience. Learn about faculty-directed <b>summer study abroad programs</b> offered through the School of International Letters and Cultures.</li> <li>Meet with a School of International Letters and Cultures <b>academic advisor</b> to discuss the best study abroad options for your major.</li> <li>Attend a <b>Financing Your Study Abroad Program</b> Workshop.</li> <li>Select your <b>career interest area</b> and play <b>me3@ASU</b>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Social-Behavioral Sciences (SB)	3		
Elective	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Minimum 2.33 GPA ASU Cumulative.			
 Minimum 3.00 GPA in GRK.			
Term hours subtotal:	16		
Term 3 30 - 46 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 GRK 301: Ancient Greek Literature I (HU & G)	3	C	<ul style="list-style-type: none"> <li>Students are required to take GRK 301 twice, once in Term 3 and again in Term 5.</li> <li>Meet with a School of International Letters and Cultures <b>academic advisor</b> to discuss the best study abroad options for your major.</li> </ul>
Cultural Diversity in the U.S. (C)	3		
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ)	4		

Elective 3

◆ Complete First-Year Composition requirement.

◆ Complete Mathematics (MA) requirement.

◆ Minimum 3.00 GPA in GRK.

Term hours subtotal: 16

Term 4 46 - 59 Credit Hours <b>Critical course signified by</b> ◆	Hours	Minimum Grade	Notes
◆ GRK 302: Ancient Greek Literature II (HU & G)	3	C	<ul style="list-style-type: none"> <li>Students are required to take GRK 302 twice, once in Term 4 and again in Term 6.</li> <li>Learn about <b>internship, scholarships and awards</b> opportunities.</li> <li>Explore your <b>career interest</b> area.</li> <li>Learn about research opportunities through the ASU <b>Humanities Lab</b>.</li> </ul>
Ancient World Elective	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	3		
◆ Minimum 3.00 GPA in GRK.			
Term hours subtotal:		13	

Term 5 59 - 75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ GRK 301: Ancient Greek Literature I (HU & G)	3	C	<ul style="list-style-type: none"> <li>Students are required to take GRK 301 twice.</li> <li>Learn about <b>national scholarships, fellowships and research</b> opportunities.</li> </ul>
Historical Awareness (H)	3		
Social-Behavioral Sciences (SB)	3		
Upper Division Elective	3		
Elective	4		
Term hours subtotal:		16	

Term 6 75 - 90 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ GRK 302: Ancient Greek Literature II (HU & G)	3	C	<ul style="list-style-type: none"> <li>Students are required to take GRK 302 twice.</li> <li>Explore your <b>career interest</b> area.</li> <li>Use Handshake to research <b>employment opportunities</b>.</li> </ul>
Ancient World Elective	3	C	
Culture Core	3	C	
Complete 2 courses: Upper Division Elective	6		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:		15	

Term 7 90 - 105 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Upper Division Ancient World Elective	3	C	
Culture Core	3	C	
4** (400-Level) GRK/LAT/SLC Course	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Upper Division Elective OR SLC 484: Internship	3		
Term hours subtotal:		15	

Term 8 105 - 120 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Upper Division Ancient World Elective	3	C	<ul style="list-style-type: none"> <li>Attend an <b>ASU Career Services</b> workshop or job fair.</li> </ul>
Complete 3 courses: Upper Division Elective	9		

Term hours subtotal: 15

## Hide Course List(s)/Track Group(s)

Culture Core	Ancient World Electives	400-Level GRK/LAT/SLC Course
GRK 351: Tales of Troy (HU & H) or SLC 351: Tales of Troy (HU & H)	APH 313: History of Architecture I ((L or HU) & G & H)	GRK 444: Heroes, Ancient and Modern (L or HU) or SLC 444: Heroes, Ancient and Modern (L or HU)
GRK 352: The Rise and Fall of Ancient Athens (HU & H) or SLC 352: The Rise and Fall of Ancient Athens (HU & H)	ARS 402: Art of Ancient Egypt (HU & H) ARS 404: Greek Art (HU & H)	LAT 421: Roman Literature (HU & G)
GRK 353: Alexander and His Empires (HU & H) or SLC 353: Alexander and His Empires (HU & H)	ARS 406: Roman Art (HU & H) ASB 330: Understanding Archaeology (SB)	SLC 414: French and Italian Popular Culture ((L or HU) & G) SLC 423: Italian Organized Crime in Films and History ((L or HU) & G)
LAT 356: Rome from Village to Empire or SLC 356: Rome from Village to Empire	ENG 303: Classical Backgrounds of English Literature (HU)	SLC 429: Studies in European Literature and Culture
LAT 357: Rome's First Emperor (HU & H) or SLC 357: Rome's First Emperor (HU & H)	GRK 223: Introduction to Greek and Roman Mythology (HU) or LAT 223: Introduction to Greek and Roman Mythology (HU) or SLC 223: Introduction to Greek and Roman Mythology (HU)	SLC 439: Art in Exile: VladĀ-mir VladĀ-mirovich Nabokov (L or HU)
LAT 358: Saving the Roman Empire ((L or HU) & H) or SLC 358: Saving the Roman Empire ((L or HU) & H)	GRK 301: Ancient Greek Literature I (HU & G) GRK 302: Ancient Greek Literature II (HU & G) GRK 344: Classics and Comics (HU) or LAT 344: Classics and Comics (HU) or SLC 344: Classics and Comics (HU)	SLC 440: Approaches to Film Theory SLC 441: Fairy Tales (HU & G) SLC 442: Dracula and Vampire Lore ((L or HU) & G & H) SLC 445: Holocaust, War and German Memory (HU)
	GRK 346: Ancient Greece II: Late Classical and Hellenistic Period (SB & H) or SLC 346: Ancient Greece II: Late Classical and Hellenistic Period (SB & H) or HST 346: Ancient Greece II: Late Classical and Hellenistic Period (SB & H)	SLC 446: Weimar-Era German Film SLC 447: German Modernism SLC 450: Experimental Narrative (HU)
	GRK 347: Ancient Greece I: Bronze Age through the Peloponnesian War (SB & H) or HST 347: Ancient Greece I: Bronze Age through the Peloponnesian War (SB & H) or SLC 345: Ancient Greece I: Bronze Age through the Peloponnesian War (SB & H)	SLC 455: Berlin: Migration, Arts and Activism (G)
	GRK 351: Tales of Troy (HU & H) or SLC 351: Tales of Troy (HU & H)	
	GRK 352: The Rise and Fall of Ancient Athens (HU & H) or SLC 352: The Rise and Fall of Ancient Athens (HU & H)	
	GRK 353: Alexander and His Empires (HU & H) or SLC 353: Alexander and His Empires (HU & H)	



GRK 360: Greece and Rome at War or LAT 360: Greece and Rome at War or SLC 360: Greece and Rome at War or HST 397: Greece and Rome at War

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GRK 362: Ancient Greek Religion (HU) or SLC 362: Ancient Greek Religion (HU) or REL 360: Ancient Greek Religion (HU)

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GRK 363: Ancient Magic and Witchcraft or SLC 363: Ancient Magic and Witchcraft or LAT 363: Ancient Magic and Witchcraft

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GRK 444: Heroes, Ancient and Modern (L or HU) or SLC 444: Heroes, Ancient and Modern (L or HU)

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HST 349: Early Middle Ages ((HU or SB) & H)

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HST 362: Sex and Society in Classical and Medieval Europe (SB & H)

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HST 495: Methods of Historical Inquiry (L)

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LAT 201: Intermediate Latin I (HU & G)

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LAT 202: Intermediate Latin II (HU & G)

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LAT 356: Rome from Village to Empire or SLC 356: Rome from Village to Empire

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LAT 357: Rome's First Emperor (HU & H) or SLC 357: Rome's First Emperor (HU & H)

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LAT 358: Saving the Roman Empire ((L or HU) & H) or SLC 358: Saving the Roman Empire ((L or HU) & H)

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LAT 361: Roman Religion (HU) or SLC 361: Roman Religion (HU) or REL 361: Roman Religion (HU)

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LAT 373: Roman History I: Foundations and Republic or SLC 373: Roman History I: Foundations and Republic or HST 373: Roman History I: Foundations and Republic

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LAT 374: Roman History II: The Roman Empire (HU & H) or HST 374: Roman History II: The Roman Empire (HU & H)

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LAT 421: Roman Literature (HU & G)

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PHI 328: History of Ancient Philosophy (HU & H)

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POS 340: History of Political Philosophy I (HU & H)

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REL 315: Hebrew Bible (Old Testament) ((L or HU) & H)

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**Notes:**

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- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.












## 2023 - 2024 Major Map

### International Letters and Cultures (Classics) - Latin, BA

School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe](#)

LASLCCBA

Term 1 0 - 14 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes	
 LAT 101: Elementary Latin (G)	4	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li><b>ASU Language Placement:</b> Only true beginners are eligible for 101-level courses. Students with previous experience in the language are required to take a language placement test.</li> <li>Engage in the <b>Classics</b> at ASU.</li> </ul>	
 SLC 201: Introduction to Linguistics (HU or SB) OR SLC 202: Exploring Cultures: Words, Images, Stories (HU & G)	3	C		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C		
LIA 101: Student Success in The College of Liberal Arts and Sciences	1			
Mathematics (MA) ( MAT 142 recommended)	3			
 Minimum 2.33 GPA ASU Cumulative.				
 Minimum 3.00 GPA in LAT.				
Term hours subtotal:	14			
Term 2 14 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade		Notes
 LAT 102: Elementary Latin (G)	4	C		<ul style="list-style-type: none"> <li>Start planning your study abroad experience. Learn about <b>study abroad faculty-directed programs</b> offered through the <b>ASU Global Education Office</b> and the <b>School of International Letters and Cultures</b>.</li> <li>Meet with a School of International Letters and Cultures <b>academic advisor</b> to discuss the best study abroad options for your major.</li> <li>Select your <b>career interest area</b> and play <b>me3@ASU</b>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C		
Computer/Statistics/Quantitative Applications (CS)	3			
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3			
Elective	3			
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).				
 Minimum 3.00 GPA in LAT.				
Term hours subtotal:	16			
Term 3 30 - 46 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes	
 LAT 201: Intermediate Latin I (HU & G)	4	C	<ul style="list-style-type: none"> <li>Meet with a School of International Letters and Cultures <b>academic advisor</b> to discuss the best study abroad options for your major.</li> <li>Attend a <b>Financing Your Study Abroad Program Workshop</b>.</li> </ul>	
Historical Awareness (H)	3			
Literacy and Critical Inquiry (L)	3			
Complete 2 courses:	6			
Elective				

🚩 Complete First-Year Composition requirement.

🚩 Complete Mathematics (MA) requirement.

🚩 Minimum 3.00 GPA in LAT.

Term hours subtotal: 16

Term 4 46 - 60 Credit Hours Critical course signified by 🚩	Hours	Minimum Grade	Notes
🚩 LAT 202: Intermediate Latin II (HU & G)	4	C	<ul style="list-style-type: none"><li>• Learn about internships, scholarships and award opportunities.</li><li>• Explore research opportunities through the ASU Humanities Lab.</li></ul>
Natural Science - Quantitative (SQ)	4		
Complete 2 courses:			
Elective	6		
🚩 Minimum 2.33 GPA ASU Cumulative.			
🚩 Minimum 3.00 GPA in LAT.			
Term hours subtotal:	14		

Term 5 60 - 76 Credit Hours Necessary course signified by ⭐	Hours	Minimum Grade	Notes
⭐ LAT 421: Roman Literature (HU & G)	3	C	<ul style="list-style-type: none"><li>• Learn about national scholarships, fellowships, and research opportunities.</li></ul>
Upper Division Ancient World Elective	3	C	
Upper Division Culture Core	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Upper Division Elective	3		
Term hours subtotal:	16		

Term 6 76 - 91 Credit Hours Necessary course signified by ⭐	Hours	Minimum Grade	Notes
⭐ LAT 421: Roman Literature (HU & G)	3	C	<ul style="list-style-type: none"><li>• Students are required to take LAT 421 twice.</li><li>• Explore your career interest area.</li><li>• Use Handshake to research employment opportunities.</li></ul>
Ancient World Elective	3	C	
4** (400-Level) GRK/LAT/SLC Course	3	C	
Social-Behavioral Sciences (SB)	3		
Upper Division Elective	3		
⭐ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 91 - 105 Credit Hours Necessary course signified by ⭐	Hours	Minimum Grade	Notes
⭐ Upper Division Culture Core	3	C	<ul style="list-style-type: none"><li>• Gather professional references.</li></ul>
Upper Division Ancient World Elective	3	C	
Upper Division Elective OR SLC 484: Internship	3		
Complete 2 courses:			
Elective	5		
Term hours subtotal:	14		

Term 8 105 - 120 Credit Hours Necessary course signified by ⭐	Hours	Minimum Grade	Notes
⭐ Upper Division Ancient World Elective	3	C	<ul style="list-style-type: none"><li>• Attend a career and internship event.</li></ul>
Upper Division Literacy and Critical Inquiry (L)	3		
Complete 3 courses:			

Term hours subtotal: 15

## Hide Course List(s)/Track Group(s)

Upper Division Culture Core	Ancient World Electives	400-Level GRK/LAT/SLC Course
GRK 351: Tales of Troy (HU & H) or SLC 351: Tales of Troy (HU & H)	APH 313: History of Architecture I ((L or HU) & G & H)	GRK 444: Heroes, Ancient and Modern (L or HU) or SLC 444: Heroes, Ancient and Modern (L or HU)
GRK 352: The Rise and Fall of Ancient Athens (HU & H) or SLC 352: The Rise and Fall of Ancient Athens (HU & H)	ARS 402: Art of Ancient Egypt (HU & H)	LAT 421: Roman Literature (HU & G)
GRK 353: Alexander and His Empires (HU & H) or SLC 353: Alexander and His Empires (HU & H)	ARS 404: Greek Art (HU & H)	SLC 414: French and Italian Popular Culture ((L or HU) & G)
LAT 356: Rome from Village to Empire or SLC 356: Rome from Village to Empire	ARS 406: Roman Art (HU & H)	SLC 423: Italian Organized Crime in Films and History ((L or HU) & G)
LAT 357: Rome's First Emperor (HU & H) or SLC 357: Rome's First Emperor (HU & H)	ASB 330: Understanding Archaeology (SB)	SLC 429: Studies in European Literature and Culture
LAT 358: Saving the Roman Empire ((L or HU) & H) or SLC 358: Saving the Roman Empire ((L or HU) & H)	ENG 303: Classical Backgrounds of English Literature (HU)	SLC 439: Art in Exile: VladĀ-mir VladĀ-mirovich Nabokov (L or HU)
	GRK 201: Intermediate Ancient Greek (G)	SLC 440: Approaches to Film Theory
	GRK 223: Introduction to Greek and Roman Mythology (HU) or LAT 223: Introduction to Greek and Roman Mythology (HU) or SLC 223: Introduction to Greek and Roman Mythology (HU)	SLC 441: Fairy Tales (HU & G)
	GRK 301: Ancient Greek Literature I (HU & G)	SLC 442: Dracula and Vampire Lore ((L or HU) & G & H)
	GRK 302: Ancient Greek Literature II (HU & G)	SLC 445: Holocaust, War and German Memory (HU)
	GRK 344: Classics and Comics (HU) or LAT 344: Classics and Comics (HU) or SLC 344: Classics and Comics (HU)	SLC 446: Weimar-Era German Film
	GRK 346: Ancient Greece II: Late Classical and Hellenistic Period (SB & H) or SLC 346: Ancient Greece II: Late Classical and Hellenistic Period (SB & H) or HST 346: Ancient Greece II: Late Classical and Hellenistic Period (SB & H)	SLC 447: German Modernism
	GRK 347: Ancient Greece I: Bronze Age through the Peloponnesian War (SB & H) or HST 347: Ancient Greece I: Bronze Age through the Peloponnesian War (SB & H) or SLC 345: Ancient Greece I: Bronze Age through the Peloponnesian War (SB & H)	SLC 450: Experimental Narrative (HU)
	GRK 351: Tales of Troy (HU & H) or SLC 351: Tales of Troy (HU & H)	SLC 455: Berlin: Migration, Arts and Activism (G)
	GRK 352: The Rise and Fall of Ancient Athens (HU & H) or SLC 352: The Rise and Fall of Ancient Athens (HU & H)	

GRK 353: Alexander and His Empires (HU & H) or SLC 353: Alexander and His Empires (HU & H)

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GRK 360: Greece and Rome at War or LAT 360: Greece and Rome at War or SLC 360: Greece and Rome at War or HST 397: Greece and Rome at War

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GRK 363: Ancient Magic and Witchcraft or LAT 363: Ancient Magic and Witchcraft or SLC 363: Ancient Magic and Witchcraft

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GRK 444: Heroes, Ancient and Modern (L or HU) or SLC 444: Heroes, Ancient and Modern (L or HU)

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HST 349: Early Middle Ages ((HU or SB) & H)

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HST 362: Sex and Society in Classical and Medieval Europe (SB & H)

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HST 495: Methods of Historical Inquiry (L)

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LAT 356: Rome from Village to Empire or SLC 356: Rome from Village to Empire

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LAT 357: Rome's First Emperor (HU & H) or SLC 357: Rome's First Emperor (HU & H)

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LAT 358: Saving the Roman Empire ((L or HU) & H) or SLC 358: Saving the Roman Empire ((L or HU) & H)

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LAT 361: Roman Religion (HU) or SLC 361: Roman Religion (HU) or REL 361: Roman Religion (HU)

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LAT 373: Roman History I: Foundations and Republic or SLC 373: Roman History I: Foundations and Republic or HST 373: Roman History I: Foundations and Republic

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LAT 421: Roman Literature (HU & G)

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PHI 328: History of Ancient Philosophy (HU & H)

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POS 340: History of Political Philosophy I (HU & H)

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REL 315: Hebrew Bible (Old Testament) ((L or HU) & H)

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REL 316: Literary Readings of the Hebrew Bible (L or HU)

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REL 371: New Testament (HU)

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REL 375: Lost Scriptures, Forgotten Gospels (HU)

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**Notes:**

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- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.









## 2023 - 2024 Major Map

### Italian, BA

School/College: The College of Liberal Arts and Sciences

Location: Tempe

LAITABA

Term 1 0 - 14 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ITA 101: Elementary Italian I (G)	4	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li><b>ASU Language Placement:</b> Only true beginners are eligible for 101-level courses. Students with previous experience in the language are required to take a language placement test.</li> <li>Learn about <b>Italian language intensive courses</b>. ITA 110 (six credit language course equivalent to ITA 101 and ITA 102) is offered in the spring semester.</li> <li>Engage in <b>Italian</b> at ASU. Practice your language skills at the <b>SILC Cafe</b>.</li> </ul>
 SLC 201: Introduction to Linguistics (HU or SB) OR SLC 202: Exploring Cultures: Words, Images, Stories (HU & G)	3	C	
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
MAT 142: College Mathematics (MA)	3	C	
Maintain 2.33 GPA in Critical Tracking Courses.			
Term hours subtotal:	14		
Term 2 14 - 30 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>Start planning your <b>study abroad</b> experience. Attend a <b>Financing Your Study Abroad Program Workshop</b>.</li> <li>ITA 210 (six credit hour intensive language course equivalent to ITA 201 and ITA 202) is offered on the ASU Study Abroad <b>Italian Language, Food and Culture and Professional Experience</b>.</li> <li>Select your <b>Career Interest Communities</b> and play <b>me3@ASU</b>.</li> </ul>
 ITA 102: Elementary Italian II (G)	4	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Elective	3		
Complete ENG 101 or ENG 105 or ENG 107 course(s).			
Maintain 2.33 GPA in Critical Tracking Courses.			
Term hours subtotal:	16		
Term 3 30 - 46 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ITA 201: Intermediate Italian I (G)	4	C	<ul style="list-style-type: none"> <li>Meet with a School of International Letters and Cultures <b>academic advisor</b> to learn about internship opportunities in Italian and to discuss the best <b>study abroad options</b> for your major.</li> </ul>
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		



Elective	2
.....	
🚩 Complete First-Year Composition requirement.	
.....	
🚩 Complete Mathematics (MA) requirement.	
.....	
Maintain 2.33 GPA in Critical Tracking Courses.	
.....	
Term hours subtotal:	16

- Learn about research opportunities through the ASU **Humanities Lab**.
- Learn about **scholarship opportunities** for language and culture majors.

Term 4 46 - 60 Credit Hours <b>Critical course signified by</b> 🚩	Hours	Minimum Grade	Notes
🚩 ITA 202: Intermediate Italian II (G)	4	C	<ul style="list-style-type: none"> <li>• Meet with a School of International Letters and Cultures <b>academic advisor</b> or Italian faculty member to learn about <b>internship opportunities</b> in Italian and to discuss the best study abroad options for your major.</li> <li>• Many upper-division elective courses have prerequisites which may be taken as electives in earlier semesters.</li> </ul>
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
.....			
Complete 2 courses:	6		
Elective			
Maintain 2.33 GPA in Critical Tracking Courses.			
Term hours subtotal:	14		

Term 5 60 - 75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
ITA 311: Speak Italy: Language, People, Culture (G) OR ITA 312: Write Italy: Language, People, Culture (L & G) OR ITA 315: Italian Culture: The Good, The Bad and The Ugly (HU & G) OR ITA 319: Italian for Professions	3	C	<ul style="list-style-type: none"> <li>• Learn about <b>national scholarships, fellowships and research opportunities</b>.</li> <li>• Many upper-division elective courses have prerequisites which may be taken as electives in earlier semesters.</li> </ul>
★ Upper Division ITA Electives	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Social-Behavioral Sciences (SB)	3		
Elective	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ ITA 321: Italian Renaissance Culture: Politicians, Merchants, Artists and Courtesans (H) OR ITA 322: Modern Italian Culture: Explorers, Scientists, Musicians and Revolutionaries (HU)	3	C	<ul style="list-style-type: none"> <li>• Learn about <b>scholarships and awards</b> for language and culture majors.</li> <li>• Many upper-division elective courses have prerequisites which may be taken as electives in earlier semesters.</li> <li>• Attend an <b>ASU Career Services</b> workshop.</li> <li>• Use Handshake to research <b>employment opportunities</b>.</li> </ul>
★ ITA 4** Elective	3	C	
Upper Division Elective	3		
Complete 2 courses:	6		
Elective			
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ ITA 413: Advanced Italian (G)	3	C	<ul style="list-style-type: none"> <li>• Meet with a School of International Letters and Cultures <b>academic advisor</b> to learn about internship and career opportunities in Italian.</li> </ul>
ITA 4** Elective	3	C	
Complete 3 courses:	9		
Upper Division Elective			
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
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★ ITA 311: Speak Italy: Language, People, Culture (G) OR ITA 312: Write Italy: Language, People, Culture (L & G) OR ITA 315: Italian Culture: The Good, The Bad and The Ugly (HU & G) OR ITA 319: Italian for Professions	3	C
★ ITA 4** Elective	3	C
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3	
Upper Division Elective OR ITA 484: Internship	3	
Elective	3	
Term hours subtotal:	15	

- Meet with a School of International Letters and Cultures **academic advisor** to learn about internship and **career opportunities** in Italian.
- Attend an **ASU Career Services** workshop or job fair.

Hide Course List(s)/Track Group(s)

ITA Upper Division Electives
ITA 319: Italian for Professions
ITA 350: Food and Culture: The Mediterranean Lifestyle in Italy
ITA 394: Special Topics
ITA 3** Elective
ITA 414: French and Italian Popular Culture ((L or HU) & G)
ITA 420: Italian Cinema (L & G)
ITA 423: Italian Organized Crime in Films and History ((L or HU) & G)
ITA 494: Special Topics
ITA 4** Elective

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.




## 2023 - 2024 Major Map




### Jewish Studies, BA



School/College: The College of Liberal Arts and Sciences

Location: Tempe

LAJSTBA

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students</li> <li><b>ASU Language Placement and Testing:</b> Only true beginners are eligible for 101-level second language courses. All other students are required to take a placement exam, regardless of prior credit earned, to verify the course level is appropriate. Students already proficient in a second language may take a proficiency exam.</li> <li>Students completing Biblical Hebrew will need four extra elective credit hours to reach the 120 required for graduation.</li> <li>Select your <b>Career Interest Communities</b> and play me3@ASU.</li> </ul>
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
MAT 142: College Mathematics (MA)	3	C	
Second Language: Requirement satisfied through the following: * Completion of Modern Hebrew, Biblical Hebrew, Arabic, German, or Spanish at the intermediate level (202 or equivalent).	4	C	
Humanities, Arts and Design (HU)	3		
Elective	2		
Term hours subtotal:	16		

Term 2 16 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>Many General Studies requirements can overlap with major courses, leaving more room for electives. Consult an academic advisor to select the best courses for your personal plan of study.</li> <li>Choosing a Social-Behavioral Sciences (SB) course that also satisfies the Cultural Diversity (C) requirement is recommended.</li> <li>Join a <b>student club</b> or professional organization.</li> <li>If interested in law school, review the <b>Pre-Law at ASU</b> website.</li> </ul>
Second Language: Requirement satisfied through the following: * Completion of Modern Hebrew, Biblical Hebrew, Arabic, German, or Spanish at the intermediate level (202 or equivalent).	4	C	
Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	14		

Term 3 30 - 46 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 JST 210: Introduction to Judaism (HU & H) or REL 210: Introduction to Judaism (HU & H) OR HST 230: Introduction to Jewish Civilization (HU & H & G) or JST 230: Introduction to Jewish Civilization (HU & H & G) or REL 230: Introduction to Jewish Civilization (HU & H & G)	3	C	<ul style="list-style-type: none"> <li>Explore opportunities to <b>study abroad</b></li> </ul>

Related Area Course	3	C
Second Language: Requirement satisfied through the following:		
* Completion of Modern Hebrew, Biblical Hebrew, Arabic, German, or Spanish at the intermediate level (202 or equivalent).	4	C
Computer/Statistics/Quantitative Applications (CS)	3	
Elective	3	
♦ Complete Mathematics (MA) requirement.		
Complete First-Year Composition requirement.		
Maintain 2.50 GPA in Major Courses.		
Term hours subtotal:		16

Term 4 46 - 60 Credit Hours Critical course signified by ♦	Hours	Minimum Grade	Notes
♦ Primary Concentration Course	3	C	<ul style="list-style-type: none"> <li>Students must choose one of the three concentrations below as their primary concentration and take 15 hours of coursework from that concentration. For the nine hours outside of primary concentration, students may select from courses in the other two concentration areas.</li> <li>Visit <a href="#">Career and Professional Development Services</a> and <a href="#">meet with a career advisor</a> for assistance with career planning and networking.</li> <li>If interested in law school, <a href="#">make an appointment</a> with the pre-law advisor.</li> </ul>
Course Outside Primary Concentration	3	C	
Second Language: Requirement satisfied through the following:			
* Completion of Modern Hebrew, Biblical Hebrew, Arabic, German, or Spanish at the intermediate level (202 or equivalent).	4	C	
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Maintain 2.50 GPA in Major Courses.			
Term hours subtotal:		14	

Term 5 60 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Primary Concentration Course	3	C	<ul style="list-style-type: none"> <li>Choosing a Social-Behavioral Sciences (SB) course that also fulfills Global Awareness (G) is recommended if the G requirement has not already been satisfied.</li> <li>Consider participating in an <a href="#">Undergraduate Research Experience</a> through the School of Historical, Philosophical and Religious Studies or a research opportunity in the <a href="#">Humanities Lab</a>.</li> </ul>
Upper Division Related Area Course	3	C	
Primary Concentration Course	3	C	
Literacy and Critical Inquiry (L)	3		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Maintain 2.50 GPA in Major Courses.			
Term hours subtotal:		15	

Term 6 75 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Primary Concentration Course	3	C	<ul style="list-style-type: none"> <li>Explore <a href="#">graduate school</a> opportunities.</li> <li>If planning on law school, prepare to take the <a href="#">LSAT</a>.</li> <li>Participate in an <a href="#">internship</a> to gain valuable career experience and contacts. For help exploring internship <a href="#">opportunities related to your major</a>, meet with an academic advisor.</li> </ul>
Upper Division Course Outside Primary Concentration	3	C	
Related Area Course	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Elective OR JST 484: Internship	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Maintain 2.50 GPA in Major Courses.			
Term hours subtotal:		15	

		Minimum	
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Term 7 90 - 105 Credit Hours Necessary course signified by ★	Hours	Grade	Notes
★ Upper Division Primary Concentration Course	3	C	<ul style="list-style-type: none"> <li>• Use Handshake to research <b>employment opportunities</b>.</li> <li>• Attend <b>career fairs, workshops and related events</b> offered by Career and Professional Development Services.</li> </ul>
Upper Division Course Outside Primary Concentration	3	C	
Upper Division Related Area Course	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Upper Division Elective	3		
Maintain 2.50 GPA in Major Courses.			
Term hours subtotal:		15	

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
JST 490: Methods of Historical Inquiry (L) OR JST 491: History of Antisemitism OR JST 495: Judaism, Science and World Religions OR JST 496: Biblical Narratives: Literary Approaches	3	C	<ul style="list-style-type: none"> <li>• Students complete JST 490, JST 491, JST 495, or JST 496 as a capstone course for the Jewish Studies major.</li> <li>• Take advantage of mock interview opportunities and assistance with writing <b>resumes and cover letters</b>.</li> <li>• Apply for <b>career opportunities</b>.</li> </ul>
Upper Division Related Area Course	3	C	
Complete 3 courses:	9		
Upper Division Elective			
★ Maintain 2.50 GPA in Major Courses.			
Term hours subtotal:		15	

- Students must choose one of the three concentrations as the primary concentration and take 15 hours of coursework from that concentration. For the nine hours outside of primary concentration, students may select from courses in the other two concentration areas.

Hide Course List(s)/Track Group(s)

History and Society Concentration	Literature and Culture Concentration	Religion and Thought Concentration
CRJ 456: Etiology of Martyrdom	ENG 333: American Jewish Literature during the Cold War	HEB 375: Contemporary Culture of Israel (HU & G)
HEB 375: Contemporary Culture of Israel (HU & G)	ENG 356: The Bible as Literature (HU)	HST 314: American Cultural History Since 1865 ((HU or SB) & H)
HST 302: Jews, Christians & Muslims in Early Modern World	HEB 375: Contemporary Culture of Israel (HU & G)	JST 210: Introduction to Judaism (HU & H) or REL 210: Introduction to Judaism (HU & H)
HST 302: Jews, Christians & Muslims in the Medieval World	JST 210: Introduction to Judaism (HU & H) or REL 210: Introduction to Judaism (HU & H)	JST 211: Jews and Judaism in America (SB & H & C) or HST 211: Jews and Judaism in America (SB & H & C) or REL 211: Jews and Judaism in America (SB & H & C)
HST 304: Exiles, Migrants, Refugees in Jewish History	JST 211: Jews and Judaism in America (SB & H & C) or HST 211: Jews and Judaism in America (SB & H & C) or REL 211: Jews and Judaism in America (SB & H & C)	JST 314: Jewish Philosophy or HST 390: Jewish Philosophy or PHI 390: Jewish Philosophy or REL 314: Jewish Philosophy
HST 304: History of Antisemitism	JST 230: Introduction to Jewish Civilization (HU & H & G) or HST 230: Introduction to Jewish Civilization (HU & H & G) or REL 230: Introduction to Jewish Civilization (HU & H & G)	JST 315: Hebrew Bible (Old Testament) ((L or HU) & H) or REL 315: Hebrew Bible (Old Testament) ((L or HU) & H)
HST 304: Jews and Christians in the Middle Ages	JST 230: Introduction to Jewish Civilization (HU & H & G) or HST 230: Introduction to Jewish Civilization (HU & H & G) or REL 230: Introduction to Jewish Civilization (HU & H & G)	JST 316: Literary Readings of the Hebrew Bible (L or HU) or ENG 316: Literary Readings of the Hebrew Bible (L or HU) or
HST 304: Nazi Germany	JST 314: Jewish Philosophy or HST 390: Jewish Philosophy or PHI 390: Jewish Philosophy or REL 314: Jewish Philosophy	
HST 304: Rebirth of European Jewish Life after 1950		
HST 358: Jewish History from Antiquity to 1492 (SB & H)		

HST 359: Jewish History from 1492 to 1948 (SB & G & H)	JST 316: Literary Readings of the Hebrew Bible (L or HU) or ENG 316: Literary Readings of the Hebrew Bible (L or HU) or HEB 316: Literary Readings of the Hebrew Bible (L or HU) or REL 316: Literary Readings of the Hebrew Bible (L or HU)	HEB 316: Literary Readings of the Hebrew Bible (L or HU) or REL 316: Literary Readings of the Hebrew Bible (L or HU)
HST 372: Modern Middle East (SB & G & H)		
JST 210: Introduction to Judaism (HU & H) or REL 210: Introduction to Judaism (HU & H)		JST 318: Contemporary American Jewish Identities ((HU or SB) & C) or REL 318: Contemporary American Jewish Identities ((HU or SB) & C)
JST 211: Jews and Judaism in America (SB & H & C) or HST 211: Jews and Judaism in America (SB & H & C) or REL 211: Jews and Judaism in America (SB & H & C)	JST 318: Contemporary American Jewish Identities ((HU or SB) & C) or REL 318: Contemporary American Jewish Identities ((HU or SB) & C)	JST 349: Nature, Sustainability and Religion or HPS 349: Nature, Sustainability and Religion or REL 349: Nature, Sustainability and Religion or SOS 349: Nature, Sustainability and Religion
JST 230: Introduction to Jewish Civilization (HU & H & G) or HST 230: Introduction to Jewish Civilization (HU & H & G) or REL 230: Introduction to Jewish Civilization (HU & H & G)	JST 346: Israeli Wars in Israeli Movies (HU & G) or FMS 349: Israeli Wars in Israeli Movies (HU & G) or HEB 349: Israeli Wars in Israeli Movies (HU & G)	JST 411: Judaism and the Beginnings of Christianity (HU & H) or HEB 411: Judaism and the Beginnings of Christianity (HU & H) or REL 411: Judaism and the Beginnings of Christianity (HU & H)
JST 302: Studies in History	JST 347: Modern Israeli Literature in Translation (HU & G) or ENG 347: Modern Israeli Literature in Translation (HU & G) or HEB 347: Modern Israeli Literature in Translation (HU & G) or SLC 347: Modern Israeli Literature in Translation (HU & G)	JST 495: Judaism, Science and World Religions
JST 304: Studies in European History		REL 207: Ritual, Symbol, and Myth (L or HU)
JST 318: Contemporary American Jewish Identities ((HU or SB) & C) or REL 318: Contemporary American Jewish Identities ((HU or SB) & C)	JST 445: Holocaust, War and German Memory (HU) or FMS 445: Holocaust, War and German Memory (HU) or GER 445: Holocaust, War and German Memory (HU) or SLC 445: Holocaust, War and German Memory (HU)	REL 310: Western Religious Traditions (HU & H)
JST 348: Israeli Society and Culture (HU & G) or HEB 348: Israeli Society and Culture (HU & G) or REL 311: Israeli Society and Culture (HU & G) or SLC 348: Israeli Society and Culture (HU & G)		REL 385: Contemporary Western Religious Thought (HU)
JST 369: History and Memory of the Holocaust or HST 369: History and Memory of the Holocaust or REL 312: History and Memory of the Holocaust	JST 459: Latin American Jewish Culture or SLC 459: Latin American Jewish Culture or SPA 459: Latin American Jewish Culture	SLC 320: Compassion: A Dialogue Between the Humanities, the Sciences and the Arts (HU)
JST 460: World War II (HU & H & G) or HST 460: World War II (HU & H & G)	JST 496: Biblical Narratives: Literary Approaches	
JST 490: Methods of Historical Inquiry (L)	REL 313: Anti-Semitism in the Media	
JST 491: History of Antisemitism	SLC 320: Compassion: A Dialogue Between the Humanities, the Sciences and the Arts (HU)	
REL 410: Judaism in Modern Times (HU & H)		
SLC 320: Compassion: A Dialogue Between the Humanities, the Sciences and the Arts (HU)		
STS 364: Science, Technology, and National Security (SB)		
<b>Related Area</b>		
<b>ASB OR HST OR POS OR REL OR SGS OR SOC OR WST Elective</b>		
AFR 200: Introduction to Africana Studies (SB & G & H)		

AFR 301: Race and Racism in Africa/African  
Diaspora (SB & G)

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AFR 318: African and African Diaspora  
Women Writers (HU & G)

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AFR 370: Family Ethnic and Cultural  
Diversity (SB & C)

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AFR 375: Race, Gender and Sport (SB & C)

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ARB 331: Arabic/Islamic Culture and  
Literature (HU & H & G)

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ARB 335: Arabic Culture and Islam (G)

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ARB 336: Introduction to the Qur'an (G)

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ARB 337: Hadith and Prophetic Tradition (HU  
& H & G)

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ARB 341: Quran Text and Women (HU & H)

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ARB 351: Classical Arabic Literature (HU &  
G)

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ARB 352: Modern Arabic Literature in  
Translation (HU & G)

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CRJ 100: Introduction to Criminal Justice (SB)

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ENG 315: Medieval Literature in Translation

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ENG 333: American Ethnic Literature

---

ENG 356: The Bible as Literature (HU)

---

ENG 364: Women and Literature (HU)

---

GCU 328: Geography of Middle East and  
North Africa (SB & G)

---

GER 315: Germanic Mythology (HU & G)

---

GER 416: German Civilization (HU & H & G)

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GER 421: German Literature Survey,  
800-1800 (HU)

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GER 422: German Literature Survey,  
1800-Today (L or HU)

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GER 431: German Humor

---

GER 441: Fairy Tales (HU & G)

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IAS 430: Science and Religion (L or HU)

---

JUS 320: Community and Social Justice (SB  
& C)

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JUS 352: The Global Politics of Human Rights  
(SB & G)

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JUS 360: Law and Social Control (SB)

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JUS 374: The Holocaust, Genocide, and  
Human Rights

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JUS 425: Race, Gender, and Justice ((L or SB) & C)

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JUS 430: Social Protest, Conflict, and Change ((L or SB) & C)

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JUS 438: Human Differences: Dilemmas of Justice ((L or HU) & C)

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JUS 467: Terrorism, War, and Justice (SB)

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PHI 336: Social and Political Philosophy (HU)

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PSY 350: Social Psychology (SB)

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SLC 142: Ancient Greek Civilization (HU & H) or GRK 142: Ancient Greek Civilization (HU & H)

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SLC 223: Introduction to Greek and Roman Mythology (HU) or GRK 223: Introduction to Greek and Roman Mythology (HU) or LAT 223: Introduction to Greek and Roman Mythology (HU)

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SLC 361: Roman Religion (HU) or LAT 361: Roman Religion (HU)

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SLC 362: Ancient Greek Religion (HU) or GRK 362: Ancient Greek Religion (HU)

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SLC 444: Heroes, Ancient and Modern (L or HU) or GRK 444: Heroes, Ancient and Modern (L or HU) or LAT 444: Heroes, Ancient and Modern (L or HU)

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SLC 455: Berlin: Migration, Arts and Activism (G) or GER 455: Berlin: Migration, Arts and Activism (G)

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SPA 325: Introduction to Hispanic Literature (HU)

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SPA 425: Understanding Spain: Literature and Culture Before 1700 (L or HU)

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SPA 426: Literature and Society in Modern Spain (HU)

---

SPA 427: Colonial and Postcolonial Latin American Literature (L or HU)

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SPA 428: Foundational Texts of Latin American Literature Since Modernismo ((L or HU) & G)

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SPA 429: Writing Mexico: Major Texts ((L or HU) & G)

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SPA 434: Drama of the Golden Age

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SPA 456: 20th-Century Spanish American Fiction

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SPA 464: JaitÃ³n Works in Chicano/a Literature ((HU or SB) & C)

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SPA 471: Civilization of the  
Indohispanomexicano Southwest ((L or HU) &  
C)

SPA 472: Latin American Society: Five Case  
Studies (HU & H & G)

SPA 473: Old and New Spaniards: Culture and  
Civilization of Spain ((HU or SB) & G)

SPA 485: Chicano/a Short Story: Espanglish,  
Barrio y Xicanisma (L & C)

SPA 486: Chicano/a Novel: *Áltima*, *Rafa* y  
*Lala*

SPA 487: Chicano/a Drama: *Pachucos*,  
*Vendidos y Cerezitas* (C)

THP 482: Theatre for Social Change (C)

**Notes:**

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.
- At least 12 upper-division hours in the major must be in courses offered by The College of Liberal Arts and Sciences.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.50 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.






## 2023 - 2024 Major Map

### Justice Studies, BA

School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe](#)

LAJUSBA

Term 1 0 - 14 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 <b>JUS 105: Introduction to Justice Studies (SB)</b>	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li><b>ASU Language Placement:</b> Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.</li> </ul>
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
MAT 142: College Mathematics (MA)	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Term hours subtotal:	14		
Term 2 14 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>Activate your <b>Handshake account</b> and build out your profile.</li> </ul>
JUS 210: Introduction to Ethnic Studies in the U.S. (C) OR JUS 214: The Pursuit of Justice in the 21st Century (SB) OR JUS 235: Disability, Justice and Advocacy (C)	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		
Term 3 30 - 46 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
JUS Elective	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	

Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3
Elective	3
🚩 Complete First-Year Composition requirement.	
🚩 Complete Mathematics (MA) requirement.	
Term hours subtotal:	16

Term 4 46 - 60 Credit Hours Critical course signified by 🚩	Hours	Minimum Grade	Notes
🚩 JUS 303: Justice Theory (L)	3	C	• Explore an internship.
ENG 215: Strategies of Academic Writing (L) OR ENG 216: Persuasive Writing on Public Issues (L) OR ENG 217: Writing Reflective Essays (L) OR ENG 218: Writing About Literature (L or HU) OR ENG 301: Writing for the Professions (L)	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	14		

Term 5 60 - 75 Credit Hours Necessary course signified by ⭐	Hours	Minimum Grade	Notes
⭐ JUS 301: Research in Justice Studies (SB)	3	C	• Develop your professional online presence.
JUS Upper Division Elective	3	C	
Upper Division Related Area Course	3	C	
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Elective	2		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by ⭐	Hours	Minimum Grade	Notes
Complete 2 courses: JUS Upper Division Elective	6	C	
Upper Division Related Area Course	3	C	
Upper Division Elective OR JUS 484: Internship	3		
Elective	3		
⭐ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by ⭐	Hours	Minimum Grade	Notes
⭐ Complete 2 courses: JUS Upper Division Elective	6	C	• Gather professional references.
Upper Division Elective	3		
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by ⭐	Hours	Minimum Grade	Notes
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★ JUS Upper Division Elective	3	C
Upper Division Related Area Course	3	C
<i>Complete 2 courses:</i>		
Upper Division Elective	6	
Elective	3	
Term hours subtotal:		15

- All Justice Studies students must complete nine upper-division (300-499) credit hours in a related area other than JUS courses. Courses may be chosen from a variety of disciplines, as shown below. At least one course must be chosen from one of the disciplines in the School of Social Transformation (AFR, AMS, APA, SST or WST). The related area courses may not be used concurrently in the major. However, in order to facilitate and encourage the student's completion of a minor, approved courses for the related area may be used in the minor.

Hide Course List(s)/Track Group(s)

Related Area Courses
AFR Upper Division Elective
AIS Upper Division Elective
AMS Upper Division Elective
APA Upper Division Elective
ARS Upper Division Elective
ASB Upper Division Elective
ASM Upper Division Elective
CDE Upper Division Elective
COM Upper Division Elective
CRJ Upper Division Elective
ECN Upper Division Elective
ENG Upper Division Elective
FAS Upper Division Elective
FMS Upper Division Elective
GCU Upper Division Elective
GPH Upper Division Elective
HST Upper Division Elective
IED Upper Division Elective
MHL Upper Division Elective
PHI Upper Division Elective
POS Upper Division Elective
PSY Upper Division Elective
REL Upper Division Elective

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SGS Upper Division Elective

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SOC Upper Division Elective

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SST Upper Division Elective

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TCL Upper Division Elective

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THE Upper Division Elective

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WST Upper Division Elective

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**Notes:**

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.




## 2023 - 2024 Major Map

### Justice Studies, BA

School/College: [The College of Liberal Arts and Sciences](#)











Location: [Online](#), [ASU Local](#)

LAJUSBA

Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 JUS 105: Introduction to Justice Studies (SB)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students</li> </ul>
ASU 101-LA: The ASU Experience	1		
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		
Term 1 - B 7 - 16 Credit Hours	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> <li>Activate your <a href="#">Handshake account</a> and build out your profile.</li> </ul>
MAT 142: College Mathematics (MA)	3	C	
Elective	3		
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	9		
Term 2 - A 16 - 23 Credit Hours	Hours	Minimum Grade	Notes
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	<ul style="list-style-type: none"> <li><b>ASU Language Placement:</b> Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.</li> </ul>
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	7		
Term 2 - B 23 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
JUS 210: Introduction to Ethnic Studies in the U.S. (C) OR JUS 214: The Pursuit of Justice in the 21st Century (SB) OR JUS 235: Disability, Justice and Advocacy (C)	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	

❖ Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	7		
<b>Term 3 - A 30 - 37 Credit Hours</b>	<b>Hours</b>	<b>Minimum Grade</b>	<b>Notes</b>
JUS Elective	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Term hours subtotal:	7		
<b>Term 3 - B 37 - 44 Credit Hours Critical course signified by ❖</b>	<b>Hours</b>	<b>Minimum Grade</b>	<b>Notes</b>
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Computer/Statistics/Quantitative Applications (CS)	3		
❖ Complete First-Year Composition requirement.			
❖ Complete Mathematics (MA) requirement.			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	7		
<b>Term 4 - A 44 - 51 Credit Hours Critical course signified by ❖</b>	<b>Hours</b>	<b>Minimum Grade</b>	<b>Notes</b>
❖ JUS 303: Justice Theory (L)	3	C	
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	7		
<b>Term 4 - B 51 - 60 Credit Hours</b>	<b>Hours</b>	<b>Minimum Grade</b>	<b>Notes</b>
ENG 215: Strategies of Academic Writing (L) OR ENG 216: Persuasive Writing on Public Issues (L) OR ENG 217: Writing Reflective Essays (L) OR ENG 301: Writing for the Professions (L)	3	C	• Explore an <b>internship</b> .
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	9		
<b>Term 5 - A 60 - 67 Credit Hours Necessary course signified by ★</b>	<b>Hours</b>	<b>Minimum Grade</b>	<b>Notes</b>
★ JUS 301: Research in Justice Studies (SB)	3	C	• Develop your <b>professional online presence</b> .
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	7		
<b>Term 5 - B 67 - 76 Credit Hours Necessary course signified by ★</b>	<b>Hours</b>	<b>Minimum Grade</b>	<b>Notes</b>
★ JUS Upper Division Elective	3	C	
Upper Division Related Area Course	3	C	
Elective	3		



Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	9		
<b>Term 6 - A 76 - 82 Credit Hours Necessary course signified by </b>	<b>Hours</b>	<b>Minimum Grade</b>	<b>Notes</b>
 Complete 2 courses: JUS Upper Division Elective	6	C	
Term hours subtotal:	6		
<b>Term 6 - B 82 - 90 Credit Hours Necessary course signified by </b>	<b>Hours</b>	<b>Minimum Grade</b>	<b>Notes</b>
Upper Division Related Area Course	3	C	
Upper Division Elective	3		
Elective	2		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	8		
<b>Term 7 - A 90 - 99 Credit Hours Necessary course signified by </b>	<b>Hours</b>	<b>Minimum Grade</b>	<b>Notes</b>
 JUS Upper Division Elective	3	C	• Gather professional references.
Complete 2 courses: Elective	6		
Term hours subtotal:	9		
<b>Term 7 - B 99 - 105 Credit Hours</b>	<b>Hours</b>	<b>Minimum Grade</b>	<b>Notes</b>
Upper Division Related Area Course	3	C	
Upper Division Elective	3		
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	6		
<b>Term 8 - A 105 - 114 Credit Hours Necessary course signified by </b>	<b>Hours</b>	<b>Minimum Grade</b>	<b>Notes</b>
 JUS Upper Division Elective	3	C	
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	9		
<b>Term 8 - B 114 - 120 Credit Hours Necessary course signified by </b>	<b>Hours</b>	<b>Minimum Grade</b>	<b>Notes</b>
 JUS Upper Division Elective	3	C	
Upper Division Elective	3		
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	6		

- All Justice Studies students must complete nine upper-division (300-499) credit hours in a related area other than JUS courses. Courses may be chosen from a variety of disciplines, as shown below. At least one course must be chosen from one of the disciplines in the School of Social Transformation (AFR, AMS, APA, SST or WST). The related area courses may not be used concurrently in the major. However, in order to facilitate and encourage the student's completion of a minor, approved courses for the related area may be used in the minor.

Hide Course List(s)/Track Group(s)

Related Area Courses

AFR Upper Division Elective

AIS Upper Division Elective

AMS Upper Division Elective

APA Upper Division Elective

ARS Upper Division Elective

ASB Upper Division Elective

ASM Upper Division Elective

CDE Upper Division Elective

COM Upper Division Elective

CRJ Upper Division Elective

ECN Upper Division Elective

ENG Upper Division Elective

FAS Upper Division Elective

FMS Upper Division Elective

GCU Upper Division Elective

GPH Upper Division Elective

HST Upper Division Elective

IED Upper Division Elective

MHL Upper Division Elective

PHI Upper Division Elective

POS Upper Division Elective

PSY Upper Division Elective

REL Upper Division Elective

SGS Upper Division Elective

SOC Upper Division Elective

SST Upper Division Elective

TCL Upper Division Elective

THE Upper Division Elective

WST Upper Division Elective

**Notes:**

- - **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
  - **Mathematics Placement Assessment** score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.







## 2023 - 2024 Major Map


### Justice Studies, BS

School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe](#)


LAJUSBS

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 <b>JUS 105: Introduction to Justice Studies (SB)</b>	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> </ul>
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
MAT 142: College Mathematics (MA)	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Elective	3		
Term hours subtotal:	16		
Term 2 16 - 31 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>Activate your <b>Handshake account</b> and build out your profile.</li> </ul>
JUS 210: Introduction to Ethnic Studies in the U.S. (C) OR JUS 214: The Pursuit of Justice in the 21st Century (SB) OR JUS 235: Disability, Justice and Advocacy (C)	3	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Complete 2 courses: Elective	6		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		
Term 3 31 - 47 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
JUS Elective	3	C	
Science and Society Elective	3	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Natural Science - Quantitative (SQ)	4		
Elective	3		
 Complete First-Year Composition requirement.			


 Complete Mathematics (MA) requirement.

Term hours subtotal: 16



Term 4 47 - 60 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
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 JUS 303: Justice Theory (L)	3	C	• Explore an <b>internship</b> .
ENG 215: Strategies of Academic Writing (L) OR ENG 216: Persuasive Writing on Public Issues (L) OR ENG 217: Writing Reflective Essays (L) OR ENG 218: Writing About Literature (L or HU) OR ENG 301: Writing for the Professions (L)	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	3		
Term hours subtotal:	13		


Term 5 60 - 75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
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 JUS 301: Research in Justice Studies (SB)	3	C	• Develop your <b>professional online presence</b> .
JUS Upper Division Elective	3	C	
Upper Division Elective	3		
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
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 JUS 302: Statistical Analysis for Justice Studies (CS)	3	C
JUS Upper Division Elective	3	C
Upper Division Related Area Course	3	C
Upper Division Science and Society Elective	3	C
Elective	3	
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
Term hours subtotal:	15	

Term 7 90 - 105 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
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 Complete 2 courses: JUS Upper Division Elective	6	C	• Gather <b>professional references</b> .
Upper Division Related Area Course	3	C	
Upper Division Elective OR JUS 484: Internship	3		
Elective	3		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
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 JUS Upper Division Elective	3	C
Upper Division Related Area Course	3	C
Upper Division Elective	3	
Complete 2 courses: Elective	6	
Term hours subtotal:	15	

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.
- All Justice Studies students must complete nine upper-division (300-499) credit hours in a related area other than JUS courses. Courses may be chosen from a variety of disciplines, as shown below. At least one course must be chosen from one of the disciplines in the School of Social Transformation (AFR, AMS, APA, SST or WST). The related area courses may not be used concurrently in the major. However, in order to facilitate and encourage the student's completion of a minor, approved courses for the related area may be used in the minor.

Hide Course List(s)/Track Group(s)

Related Area Courses
AFR Upper Division Elective
AMS Upper Division Elective
APA Upper Division Elective
ARS Upper Division Elective
ASM Upper Division Elective
ASB Upper Division Elective
CDE Upper Division Elective
COM Upper Division Elective
CRJ Upper Division Elective
ECN Upper Division Elective
ENG Upper Division Elective
FAS Upper Division Elective
FMS Upper Division Elective
GCU Upper Division Elective
HST Upper Division Elective
GPH Upper Division Elective
IED Upper Division Elective
MHL Upper Division Elective
PHI Upper Division Elective
POS Upper Division Elective
PSY Upper Division Elective
REL Upper Division Elective

SGS Upper Division Elective

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SOC Upper Division Elective

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SST Upper Division Elective

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TCL Upper Division Elective

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THE Upper Division Elective

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WST Upper Division Elective

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**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.





## 2023 - 2024 Major Map

### Justice Studies, BS

School/College: [The College of Liberal Arts and Sciences](#)




Location: [Online ASU Local](#)



LAJUSBS

Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 <b>JUS 105: Introduction to Justice Studies (SB)</b>	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar is required for all first-year students</li> </ul>
ASU 101-LA: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Term hours subtotal:	7		
Term 1 - B 7 - 16 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR			<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> <li>Activate your <b>Handshake</b> account and build out your profile.</li> </ul>
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
MAT 142: College Mathematics (MA)	3	C	
Elective	3		
Term hours subtotal:	9		
Term 2 - A 16 - 23 Credit Hours	Hours	Minimum Grade	Notes
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	7		
Term 2 - B 23 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
JUS 210: Introduction to Ethnic Studies in the U.S. (C) OR JUS 214: The Pursuit of Justice in the 21st Century (SB) OR JUS 235: Disability, Justice and Advocacy (C)	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	7		
Term 3 - A 30 - 39 Credit Hours	Hours	Minimum Grade	Notes
JUS Elective	3	C	
Science and Society Elective	3	C	
Elective	3		



Term hours subtotal: 9

Term 3 - B 39 - 45 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Elective	3		
 Complete First-Year Composition requirement.			
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	6		


Term 4 - A 45 - 54 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 JUS 303: Justice Theory (L)	3		
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Elective	3		
Term hours subtotal:	9		

Term 4 - B 54 - 60 Credit Hours	Hours	Minimum Grade	Notes
ENG 215: Strategies of Academic Writing (L) OR ENG 216: Persuasive Writing on Public Issues (L) OR ENG 217: Writing Reflective Essays (L) OR ENG 301: Writing for the Professions (L)	3	C	• Explore an <b>internship</b> .
Elective	3		
Term hours subtotal:	6		

Term 5 - A 60 - 69 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 JUS 301: Research in Justice Studies (SB)	3		• Develop your <b>professional online presence</b> .
Upper Division Science and Society Elective	3	C	
Elective	3		
Term hours subtotal:	9		

Term 5 - B 69 - 75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 JUS 302: Statistical Analysis for Justice Studies (CS)	3		
Elective	3		
Term hours subtotal:	6		

Term 6 - A 75 - 84 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 JUS Upper Division Elective	3	C	
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	9		

Term 6 - B 84 - 90 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
JUS Upper Division Elective	3	C	
Upper Division Related Area Course	3	C	
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			

Term hours subtotal: 6

Term 7 - A 90 - 99 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ JUS Upper Division Elective	3	C	
Upper Division Related Area Course	3	C	
Elective	3		
Term hours subtotal:	9		

Term 7 - B 99 - 105 Credit Hours	Hours	Minimum Grade	Notes
JUS Upper Division Elective	3	C	• Gather professional references.
Upper Division Related Area Course	3	C	
Term hours subtotal:	6		

Term 8 - A 105 - 114 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ JUS Upper Division Elective	3	C	
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	9		

Term 8 - B 114 - 120 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	6		

- All Justice Studies students must complete nine upper-division (300-499) credit hours in a related area other than JUS courses. Courses may be chosen from a variety of disciplines, as shown below. At least one course must be chosen from one of the disciplines in the School of Social Transformation (AFR, AMS, APA, SST or WST). The related area courses may not be used concurrently in the major. However, in order to facilitate and encourage the student's completion of a minor, approved courses for the related area may be used in the minor.
- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Related Area Courses
AFR Upper Division Elective
AIS Upper Division Elective
AMS Upper Division Elective
APA Upper Division Elective
ARS Upper Division Elective

ASB Upper Division Elective
ASM Upper Division Elective
CDE Upper Division Elective
COM Upper Division Elective
FAS Upper Division Elective
CRJ Upper Division Elective
ECN Upper Division Elective
ENG Upper Division Elective
FMS Upper Division Elective
GCU Upper Division Elective
GPH Upper Division Elective
HST Upper Division Elective
IED Upper Division Elective
MHL Upper Division Elective
PHI Upper Division Elective
POS Upper Division Elective
PSY Upper Division Elective
REL Upper Division Elective
SGS Upper Division Elective
SOC Upper Division Elective
SST Upper Division Elective
TCL Upper Division Elective
THE Upper Division Elective
WST Upper Division Elective

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**General University Requirements Legend**

**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum  
**Total College Residency Hrs:** 12 minimum

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.









## 2023 - 2024 Major Map

### Mathematics, BA

School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe](#)

LAMATBA

Term 1 0 - 15 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CSE 110: Principles of Programming (CS) OR CSE 100: Principles of Programming with C++ (CS)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li><b>ASU Language Placement:</b> Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.</li> <li>Select your <b>Career Interest Communities</b> and play <b>me3@ASU</b>.</li> </ul>
 MAT 270: Calculus with Analytic Geometry I (MA)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Maintain 2.50 GPA in Critical Tracking Courses.			
Term hours subtotal:	15		
Term 2 15 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 271: Calculus with Analytic Geometry II (MA)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Related Field	4	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Maintain 2.50 GPA in Critical Tracking Courses.			
Term hours subtotal:	15		
Term 3 30 - 45 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 272: Calculus with Analytic Geometry III (MA)	4	C	<ul style="list-style-type: none"> <li>Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation.</li> <li>Meet with your academic advisor to discuss summer internship and/or Research Opportunities for Undergraduates (REU).</li> </ul>
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	

Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3
Natural Science - Quantitative (SQ)	4
❖ Complete First-Year Composition requirement.	
Complete Mathematics (MA) requirement.	
Maintain 2.50 GPA in Critical Tracking Courses.	
Term hours subtotal:	15

- PHY 121 & PHY 122 and/or MSE 208 are recommended to satisfy the Natural Science - Quantitative (SQ) requirement as they also satisfy Related Field requirements.

Term 4 45 - 61 Credit Hours Critical course signified by ❖	Hours	Minimum Grade	Notes
❖ MAT 300: Mathematical Structures (L)	3	C	<ul style="list-style-type: none"> <li>• Meet with your academic advisor to discuss options for adding a minor, certificate, or concurrent major to your degree program.</li> <li>• Upper division MAT/STP courses should be taken through the Tempe campus, unless approved by a SoMSS advisor.</li> </ul>
❖ MAT 342: Linear Algebra OR MAT 343: Applied Linear Algebra	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Maintain 2.50 GPA in Critical Tracking Courses.			
Term hours subtotal:	16		

Term 5 61 - 77 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MAT 370: Intermediate Calculus OR MAT 371: Advanced Calculus I	3	C	<ul style="list-style-type: none"> <li>• Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation.</li> <li>• Meet with your academic advisor to discuss post-graduation plans, e.g. graduate school, career preparation.</li> <li>• Upper division MAT/STP courses should be taken through the Tempe campus, unless approved by a SoMSS advisor.</li> </ul>
Complete 2 courses: Related Field	6	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Upper Division Elective	3		
Term hours subtotal:	16		

Term 6 77 - 91 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Additional Course in the Major (ACT, DAT, MAT or STP)	3	C	<ul style="list-style-type: none"> <li>• Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation.</li> <li>• Upper division MAT/STP courses should be taken through the Tempe campus, unless approved by a SoMSS advisor.</li> <li>• Use Handshake to research <b>employment opportunities</b>.</li> <li>• PHI 103 is recommended for the Literacy and Critical Inquiry (L) requirement.</li> </ul>
Related Field	2	C	
Literacy and Critical Inquiry (L)	3		
Social-Behavioral Sciences (SB)	3		
Upper Division Elective OR MAT 484: Internship	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	14		

Term 7 91 - 106 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
Complete 2 courses: ★ Upper Division Additional Course in the Major (ACT, DAT, MAT or STP)	6	C	<ul style="list-style-type: none"> <li>• Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation.</li> <li>• Upper division MAT/STP courses should be taken through the Tempe campus, unless approved by a SoMSS advisor.</li> </ul>
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Complete 2 courses:			

Upper Division Elective	6
Term hours subtotal:	15

- Meet with your academic advisor to discuss post-graduation plans, e.g. graduate school, career preparation.
- Develop your **professional online presence**.

Term 8 106 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Additional Course in the Major (ACT, DAT, MAT or STP)	4	C	<ul style="list-style-type: none"> <li>• Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation.</li> <li>• Upper division MAT/STP courses should be taken through the Tempe campus, unless approved by a SoMSS advisor.</li> <li>• Meet with your academic advisor for final degree check and apply for graduation through your My ASU.</li> </ul>
★ Additional Course in the Major (ACT, DAT, MAT or STP)	2	C	
Complete 3 courses: Upper Division Elective	8		
Term hours subtotal:	14		

Hide Course List(s)/Track Group(s)

Additional Course in the Major (ACT, DAT, MAT or STP)	Related Field
ACT Upper Division Elective	ACT Upper Division Elective
DAT Upper Division Elective	AST Upper Division Elective
MAT 243: Discrete Mathematical Structures	BCH 4** Elective
MAT 274: Elementary Differential Equations (MA) or MAT 275: Modern Differential Equations (MA)	BME Upper Division Elective
MAT Upper Division Elective	CEE Upper Division Elective
STP 4** Elective	CHE Elective
	CHM 341: Elementary Physical Chemistry
	CHM 343: Elementary Physical Chemistry Laboratory
	CHM 345: Physical Chemistry I
	CHM 346: Physical Chemistry II
	CHM 348: Physical Chemistry Laboratory I (L)
	CHM 349: Physical Chemistry Laboratory II (L)
	CHM 453: Inorganic Chemistry
	CHM 460: Biological Chemistry
	CHM 471: Solid-State Chemistry
	CIS 2** Elective
	CIS Upper Division Elective
	CSE Elective
	DAT Upper Division Elective

ECN Upper Division Elective
EEE Elective
FIN Upper Division Elective
GLG 418: Geophysics
GLG 419: Geodynamics
GLG 470: Hydrogeology
GLG 481: Geochemistry
IEE Upper Division Elective
MAE Elective
MAT 243: Discrete Mathematical Structures
MAT 274: Elementary Differential Equations (MA) or MAT 275: Modern Differential Equations (MA)
MAT Upper Division Elective
MSE Elective
PHI 333: Symbolic Logic
PHI 413: Advanced Symbolic Logic
PHY 121: University Physics I: Mechanics (SQ)
PHY 122: University Physics Laboratory I (SQ)
PHY 131: University Physics II: Electricity and Magnetism (SQ)
PHY 132: University Physics Laboratory II (SQ)
PHY 150: Physics I (SQ)
PHY 151: Physics II (SQ)
PHY 2** Elective
PHY Upper Division Elective
STP Upper Division Elective

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.



**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for**  
**Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum  
**Total College Residency Hrs:** 12 minimum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.











## 2023 - 2024 Major Map

### Mathematics, BS

School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe](#)

LAMATBS

Term 1 0 - 14 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CSE 110: Principles of Programming (CS)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>Select your <a href="#">Career Interest Communities</a> and play <a href="#">me3@ASU</a>.</li> </ul>
 MAT 270: Calculus with Analytic Geometry I (MA)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
Elective	3		
Maintain 3.00 GPA in Critical Tracking Courses.			
Term hours subtotal:	14		
Term 2 14 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 271: Calculus with Analytic Geometry II (MA)	4	C	<ul style="list-style-type: none"> <li>Meet with your academic advisor to reflect on your first year of classes and map your coursework towards a timely graduation.</li> <li>PHI 103 Principles of Sound Reasoning is recommended to satisfy the Literacy and Critical Inquiry (L) requirement.</li> <li>Join a <a href="#">student club</a> or professional organization.</li> </ul>
CSE 205: Object-Oriented Programming and Data Structures (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Literacy and Critical Inquiry (L)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Maintain 3.00 GPA in Critical Tracking Courses.			
Term hours subtotal:	16		
Term 3 30 - 46 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 272: Calculus with Analytic Geometry III (MA)	4	C	<ul style="list-style-type: none"> <li>Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation.</li> <li>PHY 121 &amp; PHY 122 and/or MSE 208 is recommended to satisfy the Natural Science - Quantitative (SQ) requirement as they also satisfy Related Field requirements.</li> </ul>
 MAT 275: Modern Differential Equations (MA)	3	C	
Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Elective	2		
 Complete First-Year Composition requirement.			

Complete Mathematics (MA) requirement.

Maintain 3.00 GPA in Critical Tracking Courses.

Term hours subtotal: 16

- Meet with your academic advisor to discuss summer **internship** and/or Research Opportunities for Undergraduates (REU).

Term 4 46 - 62 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
⚠ MAT 300: Mathematical Structures (L)	3	C	<ul style="list-style-type: none"> <li>• Meet with your academic advisor to discuss options for adding a minor, certificate, or concurrent major to your degree program.</li> <li>• Upper-division MAT/STP courses should be taken through the Tempe campus, unless approved by a SoMSS advisor.</li> <li>• Completion of MAT 300 with a B or better by the end of this term is strongly correlated with success in this major and meets prerequisites to continue with MAT 371 in the next term.</li> </ul>
⚠ MAT 342: Linear Algebra OR MAT 343: Applied Linear Algebra	3	C	
Science and Society Elective	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Social-Behavioral Sciences (SB)	3		
Maintain 3.00 GPA in Critical Tracking Courses.			
Term hours subtotal:	16		

Term 5 62 - 77 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ MAT 371: Advanced Calculus I	3	C	<ul style="list-style-type: none"> <li>• Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation.</li> <li>• Upper-division MAT/STP courses should be taken through the Tempe campus, unless approved by a SoMSS advisor.</li> <li>• MAT 275 is highly recommended.</li> </ul>
Upper Division Science and Society Elective	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Upper Division Elective	3		
Term hours subtotal:	15		

Term 6 77 - 92 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Additional Courses in the Major (ACT, DAT, MAT, STP)	3	C	<ul style="list-style-type: none"> <li>• Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation.</li> <li>• Upper-division MAT/STP courses should be taken through the Tempe campus, unless approved by a SoMSS advisor.</li> <li>• Develop your <b>professional online presence</b>.</li> </ul>
★ Upper Division Depth Course	3	C	
Related Field	3	C	
Upper Division Elective OR MAT 484: Internship	3		
Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 92 - 107 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Additional Courses in the Major (ACT, DAT, MAT, STP)	3	C	<ul style="list-style-type: none"> <li>• Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation.</li> <li>• Upper-division MAT/STP courses should be taken through the Tempe campus, unless approved by an academic advisor in the School of Mathematical and Statistical Sciences.</li> <li>• Complete an in person or virtual <b>practice interview</b>.</li> </ul>
★ Upper Division Advanced Courses	3	C	
★ Upper Division Depth Course	3	C	
Complete 2 courses:			
Upper Division Elective	6		
Term hours subtotal:	15		

Term 8 107 - 120 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
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★ Upper Division Advanced Courses	3	C
Related Field	4	C
Complete 2 courses: Upper Division Elective	6	
Term hours subtotal:	13	

- Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation.
- Upper-division MAT/STP courses should be taken through the Tempe campus unless approved by a SoMSS advisor.
- Meet with your academic advisor for final degree check and apply for graduation through your My ASU.

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Advanced Courses	Depth Courses	Related Field
ACT 4** Elective	ACT 440: Single Life Mortality	ACT 410: Mathematics of Finance
DAT 401: Statistical Modeling and Inference for Data Science	ACT 441: Long-Term Actuarial Mathematics	ACT 415: Probability for Risk Management
DAT 402: Machine Learning for Data Science	ACT 450: Actuarial Models	ACT 430: Mathematics of Financial Derivatives
MAT 372: Advanced Calculus II	ACT 451: Short-Term Actuarial Mathematics	ACT 450: Actuarial Models
MAT 410: Introduction to General Topology	MAT 410: Introduction to General Topology	ACT 451: Short-Term Actuarial Mathematics
MAT 412: Differential Geometry	MAT 412: Differential Geometry	BCH 4** Elective
MAT 415: Introduction to Combinatorics	MAT 415: Introduction to Combinatorics	BME Upper Division Elective
MAT 416: Graph Theory	MAT 416: Graph Theory	CEE Upper Division Elective
MAT 419: Introduction to Linear Optimization (CS)	MAT 423: Numerical Analysis I (CS)	CHE Elective
MAT 420: Scientific Computing	MAT 425: Numerical Analysis II (CS)	CHM 341: Elementary Physical Chemistry
MAT 421: Applied Computational Methods (CS)	MAT 442: Advanced Linear Algebra	CHM 343: Elementary Physical Chemistry Laboratory
MAT 423: Numerical Analysis I (CS)	MAT 444: Intermediate Abstract Algebra	CHM 345: Physical Chemistry I
MAT 425: Numerical Analysis II (CS)	MAT 447: Cryptography I	CHM 346: Physical Chemistry II
MAT 440: Group Theory	MAT 448: Cryptography II	CHM 348: Physical Chemistry Laboratory I (L)
MAT 441: Ring Theory	MAT 472: Intermediate Real Analysis I	CHM 349: Physical Chemistry Laboratory II (L)
MAT 442: Advanced Linear Algebra	MAT 473: Intermediate Real Analysis II	CHM 453: Inorganic Chemistry
MAT 443: Introduction to Abstract Algebra	MAT 475: Differential Equations	CHM 460: Biological Chemistry
MAT 444: Intermediate Abstract Algebra	MAT 476: Partial Differential Equations	CHM 471: Solid-State Chemistry
MAT 445: Theory of Numbers	STP 425: Stochastic Processes	CIS 2** Elective
MAT 447: Cryptography I	STP 427: Mathematical Statistics	CIS Upper Division Elective

MAT 448: Cryptography II

MAT 451: Mathematical Modeling (CS)

MAT 452: Introduction to Chaos and Nonlinear Dynamics

MAT 460: Vector Calculus

MAT 461: Applied Complex Analysis

MAT 462: Applied Partial Differential Equations

MAT 472: Intermediate Real Analysis I

MAT 475: Differential Equations

MAT 476: Partial Differential Equations

STP 420: Introductory Applied Statistics (CS)

STP 421: Probability

STP 425: Stochastic Processes

STP 427: Mathematical Statistics

STP 429: Applied Regression (CS)

CSE Elective

DAT Upper Division Elective

ECN Upper Division Elective

EEE Elective

FIN Upper Division Elective

GLG 418: Geophysics

GLG 419: Geodynamics

GLG 470: Hydrogeology

GLG 481: Geochemistry

IEE Upper Division Elective

MAE Elective

MAT Upper Division Elective

MSE Elective

PHI 333: Symbolic Logic

PHI 413: Advanced Symbolic Logic

PHY 121: University Physics I: Mechanics (SQ)

PHY 122: University Physics Laboratory I (SQ)

PHY 131: University Physics II: Electricity and Magnetism (SQ)

PHY 132: University Physics Laboratory II (SQ)

PHY 150: Physics I (SQ)

PHY 151: Physics II (SQ)

PHY 2\*\* Elective

PHY Upper Division Elective

STP Upper Division Elective

Additional Course in the Major (ACT, DAT, MAT, STP)

ACT Upper Division Elective

DAT Upper Division Elective

MAT Upper Division Elective

STP Upper Division Elective

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's

first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>

- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.






## 2023 - 2024 Major Map






### Mathematics (Secondary Education), BS




School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe](#)

LAMATSBS

Term 1 0 - 15 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 MAT 207: Algebra and Geometry in the High School	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>Select your <a href="#">Career Interest Communities</a> and play <a href="#">me3@ASU</a>.</li> </ul>
 MAT 270: Calculus with Analytic Geometry I (MA)	4	C	
 MTE 210: Mentored Tutoring Internship	1	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
TEL 111: Exploration of Education (SB)	3	C	
 Maintain 3.00 GPA in Critical Tracking Courses.			
Term hours subtotal:	15		

Term 2 15 - 32 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 MAT 208: Discrete Mathematics for Secondary Teachers	3	C	
 MAT 271: Calculus with Analytic Geometry II (MA)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
TEL 212: Understanding the Culturally Diverse Learner (HU & C)	3	C	
Natural Science - Quantitative (SQ)	4		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Maintain 3.00 GPA in Critical Tracking Courses.			
Minimum 2.25 GPA ASU Cumulative.			
Term hours subtotal:	17		

Term 3 32 - 49 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 MAT 272: Calculus with Analytic Geometry III (MA)	4	C	<ul style="list-style-type: none"> <li>Meet with your academic advisor to discuss a summer internship and/or <a href="#">Research Opportunities for Undergraduates (REU)</a>.</li> </ul>
 MTE 250: Technology and Mathematical Visualization	3	C	
Science and Society Elective	3	C	
Humanities, Arts and Design (HU) AND Global Awareness (G) AND Historical Awareness (H)	3		

Natural Science - Quantitative (SQ) OR Natural Science - General (SG) 4

❖ Complete First-Year Composition requirement.

❖ Maintain 3.00 GPA in Critical Tracking Courses.

Complete Mathematics (MA) requirement.

Term hours subtotal: 17

Term 4 49 - 64 Credit Hours Critical course signified by ❖	Hours	Minimum Grade	Notes
❖ MAT 300: Mathematical Structures (L)	3	C	<ul style="list-style-type: none"> <li>Apply for an Identity Verified Print (IVP) fingerprint clearance card. This is required by AZ state law for participation in internships in 6-12 grade schools.</li> <li>Upper-division MAT/STP/MTE courses should be taken through the Tempe campus, unless approved by a SoMSS advisor.</li> </ul>
❖ MAT 310: Introduction to Geometry	3	C	
❖ MAT 342: Linear Algebra OR MAT 343: Applied Linear Algebra	3	C	
❖ MTE 320: Conceptual Foundations of 7-12 Mathematics Curricula and Assessment	3	C	
BLE 220: Foundations of Structured English Immersion (L)	3	C	
❖ Maintain 3.00 GPA in Critical Tracking Courses.			
Term hours subtotal:		15	

Term 5 64 - 79 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MAT 371: Advanced Calculus I	3	C	<ul style="list-style-type: none"> <li>Meet with your advisor early in the semester to discuss enrollment in Teachers College (TEL) courses for Term 6. There may be specific steps you need to follow, prior to enrolling in these courses, including verification that you have obtained an IVP fingerprint card.</li> <li>Upper-division MAT/STP/MTE courses should be taken through the Tempe campus, unless approved by a SoMSS advisor.</li> </ul>
★ MTE 430: The Development of Mathematical Thinking	3	C	
★ STP 420: Introductory Applied Statistics (CS)	3	C	
SPE 222: Orientation to Education of Exceptional Children (SB & C)	3	C	
MAT OR STP Upper Division Elective ( MAT 274 OR MAT 275 recommended)	3	C	
Minimum 2.25 GPA ASU Cumulative.			
Term hours subtotal:		15	

Term 6 79 - 94 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MAT 415: Introduction to Combinatorics OR MAT 416: Graph Theory	3	C	<ul style="list-style-type: none"> <li>Upper-division MAT/STP/MTE courses should be taken through the Tempe campus, unless approved by a SoMSS advisor.</li> </ul>
★ TEL 310: Instructional Thought and Action: Instructional Design and Planning	3	C	
★ TEL 317: Instructional Thought and Action: Learning Environment and Management	3	C	
★ TEL 318: Instructional Thought and Action: Assessment for Learning	3	C	
Upper Division Science and Society Elective	3	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Minimum 2.25 GPA ASU Cumulative.			
Term hours subtotal:		15	

Term 7 94 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ MTE 482: Methods of Teaching Mathematics in Secondary School	3	C	<ul style="list-style-type: none"> <li>While enrolled in TEL 477, you will be paired with a mentor teacher in a 6-12th</li> </ul>
★ TEL 332: Disciplinary Literacy Methods	3	C	



★ TEL 340: Families, Communities and Cultures: Cultivating Networks of Culturally Responsive Relationships (SB)	3	C
★ TEL 477: Internship: Advanced	2	C
MAT 441: Ring Theory OR MAT 445: Theory of Numbers OR MAT 440: Group Theory	3	C
Minimum 2.25 GPA ASU Cumulative.		
Term hours subtotal:	14	

grade classroom. You will need to complete 75 hours over the semester. Reliable transportation is needed to get to school sites.

- Students seeking teacher certification must pass required educator **exams**. Please speak with your Teachers College advisor to plan appropriately.
- Upper-division MAT/STP/MTE courses should be taken through the Tempe campus, unless approved by a SoMSS advisor.
- Use Handshake to research **employment opportunities**.

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TEL 488: Student Teaching	11	C	<ul style="list-style-type: none"> <li>• Gather <b>professional references</b>.</li> <li>• Student teaching requires a full-time commitment in a 6-12th grade classroom for the semester.</li> </ul>
TEL 471: Professional Educator Series: The Principled Educator	1		
Minimum 2.25 GPA ASU Cumulative.			
Term hours subtotal:	12		

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.




## 2023 - 2024 Major Map




### Mathematics (Statistics), BS





School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe](#)

LAMATTBS

Term 1 0 - 14 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 CSE 110: Principles of Programming (CS)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>Select your <a href="#">Career Interest Communities</a> and play <a href="#">me3@ASU</a>.</li> </ul>
 MAT 270: Calculus with Analytic Geometry I (MA)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
Elective	3		
Maintain 3.00 GPA in Critical Tracking Courses.			
Term hours subtotal:	14		





Term 2 14 - 30 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 MAT 271: Calculus with Analytic Geometry II (MA)	4	C	<ul style="list-style-type: none"> <li>Join a <a href="#">student club</a> or professional organization.</li> </ul>
CSE 205: Object-Oriented Programming and Data Structures (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Social-Behavioral Sciences (SB) AND Historical Awareness (H)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Maintain 3.00 GPA in Critical Tracking Courses.			
Term hours subtotal:	16		

Term 3 30 - 44 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 MAT 272: Calculus with Analytic Geometry III (MA)	4	C	<ul style="list-style-type: none"> <li>STP and upper-division MAT courses need to be taken through the Tempe campus, unless approved by a SoMSS advisor.</li> <li>PHI 103 is recommended to satisfy the Literacy and Critical Inquiry (L) general studies requirement.</li> </ul>
 STP 420: Introductory Applied Statistics (CS)	3	C	
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ)	4		
 Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			



Maintain 3.00 GPA in Critical Tracking Courses.

Term hours subtotal: 14





- Meet with your academic advisor to discuss summer **internship** and/or Research Opportunities for Undergraduates (REU).

Term 4 44 - 60 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 300: Mathematical Structures (L)	3	C	
 MAT 342: Linear Algebra OR MAT 343: Applied Linear Algebra	3	C	
 STP 429: Applied Regression (CS)	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Maintain 3.00 GPA in Critical Tracking Courses.			
Term hours subtotal:	16		



- Meet with your academic advisor to discuss options for adding a minor, certificate, or concurrent major to your degree program.
- STP and upper-division MAT courses need to be taken through the Tempe campus, unless approved by a SoMSS advisor.

Term 5 60 - 75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 371: Advanced Calculus I	3	C	
STP 421: Probability	3	C	
Science and Society Elective	3	C	
Humanities, Arts and Design (HU)	3		
Elective	3		
Term hours subtotal:	15		

- Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation.
- STP and upper-division MAT courses need to be taken through the Tempe campus, unless approved by a SoMSS advisor.

Term 6 75 - 90 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 STP 427: Mathematical Statistics	3	C	
 MAT or STP Advanced Course	3	C	
Related Field Course	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Elective OR MAT 484: Internship	3		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

- Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation.
- STP and upper-division MAT courses need to be taken through the Tempe campus, unless approved by a SoMSS advisor.
- Develop your **professional online presence**.
- Use Handshake to research **employment opportunities**.

Term 7 90 - 105 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 Upper Division MAT or STP Advanced Course	3	C	
Upper Division Science and Society Elective	3	C	
Related Field Course	3	C	
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	15		

- Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation.
- STP and upper-division MAT courses should be taken through the Tempe campus, unless approved by a SoMSS advisor
- Gather **professional references**.

Term 8 105 - 120 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 Upper Division MAT or STP Advanced Course	3	C	
Related Field Course	4	C	
Upper Division Elective	3		

- Minimum grade of C required in all MAT and STP classes; grade of B or better strongly correlated with timely graduation.

Complete 2 courses:	5
Elective	
Term hours subtotal:	15

- STP and upper-division MAT courses should be taken through the Tempe campus, unless approved by an SoMSS advisor.
- Meet with your academic advisor for final degree check and apply for graduation through [My ASU](#).
- Apply for [full-time career opportunities](#).

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Related Field Course	MAT or STP Advanced Course
ACT Upper Division Elective	ACT 430: Mathematics of Financial Derivatives
AST Upper Division Elective	ACT 435: Statistics for Risk Modeling
BCH 4** Elective	ACT 450: Actuarial Models
BME Upper Division Elective	ACT 451: Short-Term Actuarial Mathematics
CEE Upper Division Elective	MAT 275: Modern Differential Equations (MA)
CHE Elective	MAT 372: Advanced Calculus II
CHM 341: Elementary Physical Chemistry	MAT 420: Scientific Computing
CHM 343: Elementary Physical Chemistry Laboratory	MAT 421: Applied Computational Methods (CS)
CHM 345: Physical Chemistry I	MAT 423: Numerical Analysis I (CS)
CHM 346: Physical Chemistry II	MAT 442: Advanced Linear Algebra
CHM 348: Physical Chemistry Laboratory I (L)	MAT 472: Intermediate Real Analysis I
CHM 349: Physical Chemistry Laboratory II (L)	STP 4** Elective
CHM 453: Inorganic Chemistry	
CHM 460: Biological Chemistry	
CHM 471: Solid-State Chemistry	
CIS 2** Elective	
CIS Upper Division Elective	
CSE Elective	
DAT 301: Exploring Data in R and Python	
DAT 402: Machine Learning for Data Science	
ECN Upper Division Elective	
EEE Elective	

FIN Upper Division Elective

GLG 418: Geophysics

GLG 419: Geodynamics

GLG 470: Hydrogeology

GLG 481: Geochemistry

IEE Upper Division Elective

MAE Elective

MAT Upper Division Elective

MSE Elective

PHI 333: Symbolic Logic

PHI 413: Advanced Symbolic Logic

PHY 121: University Physics I: Mechanics  
(SQ)

PHY 122: University Physics Laboratory I  
(SQ)

PHY 131: University Physics II: Electricity  
and Magnetism (SQ)

PHY 132: University Physics Laboratory II  
(SQ)

PHY 150: Physics I (SQ)

PHY 151: Physics II (SQ)

PHY 2\*\* Elective

PHY Upper Division Elective

STP Upper Division Elective

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.










## 2023 - 2024 Major Map

### Microbiology, BS

School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe](#)

LAMICBS



Term 1 0 - 15 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 BIO 181: General Biology I (SQ)	4	C	<ul style="list-style-type: none"> <li>LIA 101, ASU 101, or college-specific First-Year Seminar required of all first-year students.</li> <li>Students transferring General Statistics (STP 226 or PSY 230) will fulfill STP 231 requirement.</li> <li>Select your <a href="#">Career Interest Communities</a> and play <a href="mailto:me3@asu.edu">me3@ASU</a>.</li> </ul>
 LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
CHM 113: General Chemistry I (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
STP 231: Statistics for Life Science (CS)	3	C	
Term hours subtotal:	15		
Term 2 15 - 32 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 BIO 182: General Biology II (SG)	4	C	<ul style="list-style-type: none"> <li>Join a student <a href="#">organization</a></li> <li>Activate your <a href="#">Handshake account</a> and build out your profile</li> <li>Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.)</li> <li>Attend a <a href="#">Pre-Health 101 Session</a></li> <li>Students transferring Calculus (MAT 270 or MAT 210) will fulfill MAT 251 requirement</li> </ul>
CHM 116: General Chemistry II (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 251: Calculus for Life Sciences (MA)	3	C	
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	17		
Term 3 32 - 46 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 MIC 220: Biology of Microorganisms AND MIC 206: Microbiology Laboratory (SG) OR BIO 340: General Genetics or MBB 347: Molecular Genetics: From Genes to Proteins	4	C	<ul style="list-style-type: none"> <li>Students are encouraged to take MBB 347 to satisfy the genetics requirement. MBB 347 is only offered in spring term.</li> <li>Pre-health students should take CHM 233 and CHM 237 this term. See the <a href="#">pre-health website</a> for more information</li> <li>If CHM 231 and 235 are taken, then BCH 361 and 367 must be taken the following semester</li> <li>If CHM 233 and 237 are taken, then CHM 234 and 238 must be taken the following semester</li> </ul>
CHM 231: Elementary Organic Chemistry (SQ) AND CHM 235: Elementary Organic Chemistry Laboratory (SQ) OR CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I	4	C	
Science and Society Elective	3	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
 Complete First-Year Composition requirement.			










Complete Mathematics (MA) requirement.

Term hours subtotal: 14

- It is not recommended to take more than two lab courses in a term.
- Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.)
- Attend a [Study Abroad 101 Session](#)
- Explore [Minors or Certificates](#)

Term 4 46 - 60 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MIC 220: Biology of Microorganisms AND MIC 206: Microbiology Laboratory (SG) OR BIO 340: General Genetics or MBB 347: Molecular Genetics: From Genes to Proteins	4	C	<ul style="list-style-type: none"> <li>• If MIC 220 and MIC 206 were taken the previous term, BIO 340 or MBB 347 must be taken this term.</li> <li>• Students are encouraged to take MBB 347 to satisfy the genetics requirement. MBB 347 is only offered in spring term.</li> <li>• Pre-health students should take CHM 234 and CHM 238 this term. See the pre-health <a href="#">website</a> for more information</li> <li>• If CHM 231 and 235 were previously taken, then BCH 361 and 367 must be taken this term</li> <li>• If CHM 233 and 237 were previously taken, then CHM 234 and 238 must be taken this term</li> <li>• Meet with the <a href="#">Career &amp; Professional Development Center</a> to learn how to develop professional skills</li> </ul>
BCH 361: Advanced Principles of Biochemistry AND BCH 367: Elementary Biochemistry Laboratory OR CHM 234: General Organic Chemistry II AND CHM 238: General Organic Chemistry Laboratory II	4	C	
Literacy and Critical Inquiry (L)	3		
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	14		

Term 5 60 - 74 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 MIC 302: Advanced Bacteriology Laboratory (L)	2	C	<ul style="list-style-type: none"> <li>• Pre-health students should take PHY 111 and PHY 113 instead of an elective this term. See the pre-health <a href="#">website</a> for more information</li> <li>• Meet with your <a href="#">advisor</a> to discuss ways to maximize your remaining time at ASU</li> <li>• Two lab courses are required and may be fulfilled by course requirements in other areas</li> <li>• Thinking about graduate school? Consider registering for a grad school <a href="#">test prep course</a>.</li> </ul>
 MIC 360: Bacterial Physiology	3	C	
 Upper Division Microbiology/Immunology Major Electives	3-4	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Elective	3		
Term hours subtotal:	14-15		

Term 6 74 - 90 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 PHY 101: Introduction to Physics (SQ)	4	C	<ul style="list-style-type: none"> <li>• Pre-health students should take PHY 112 and PHY 114 instead of PHY 101 this term. See the pre-health <a href="#">website</a> for more information</li> <li>• Students must complete one upper-division elective from the list of Microbiology/Immunology Electives and one upper-division elective from the list of General Biology Electives.</li> <li>• Explore graduate school or <a href="#">full-time employment opportunities</a></li> </ul>
Upper Division Additional Major Requirements	3	C	
Upper Division General Biology Major Electives	3-4	C	
Upper Division Social-Behavioral Sciences (SB) OR Upper Division Humanities, Arts and Design (HU)	3		
Elective	3		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	16-17		

Term 7 90 - 106 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ MIC 401: Research Paper (L)	1	C	<ul style="list-style-type: none"> <li>• MIC 401 requires the completion of an individualized instruction form and meeting with a faculty reader before the semester begins</li> <li>• Apply for <b>full-time career opportunities</b></li> <li>• Meet with your <b>advisor</b> to verify remaining degree requirements have been met prior to Term 8</li> </ul>
Upper Division Additional Major Requirements	3	C	
Upper Division Science and Society Elective	3	C	
Complete 3 courses:	9		
Upper Division Elective			
Term hours subtotal:	16		

Term 8 106 - 120 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Upper Division Additional Major Requirements	3	C	<ul style="list-style-type: none"> <li>• Continue to <b>apply</b> for full-time career opportunities or <b>graduate school</b></li> </ul>
Complete 2 courses:	5		
Upper Division Elective			
Complete 2 courses:	6		
Elective			
Term hours subtotal:	14		

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

General Biology Major Electives	Microbiology/Immunology Major Electives	Additional Major Requirements
BIO 302: Cancer--Mother of All Diseases (L)	BIO 343: Genetic Engineering and Society (L) or MBB 343: Genetic Engineering and Society (L)	BIO 343: Genetic Engineering and Society (L) or MBB 343: Genetic Engineering and Society (L)
BIO 312: Bioethics (HU) or PHI 320: Bioethics (HU)	MBB 445: Techniques in Molecular Biology/Genetics or MIC 445: Techniques in Molecular Biology/Genetics	BIO 390: Medical/Dental Field Placement or BIO 484: Internship or MIC 484: Internship
BIO 320: Fundamentals of Ecology	MBB 446: Techniques in Molecular Biology/Genetics Lab or MIC 446: Techniques in Molecular Biology/Genetics Lab	BIO 451: Cell Biotechnology: Cell Culture, Immunocytochemistry and Bioimaging
BIO 343: Genetic Engineering and Society (L) or MBB 343: Genetic Engineering and Society (L)	MIC 314: HIV/AIDS: Science, Behavior, and Society	BIO 492: Honors Directed Study or MBB 492: Honors Directed Study or MIC 492: Honors Directed Study
BIO 345: Evolution	MIC 379: Medical Bacteriology	BIO 495: Undergraduate Research or MBB 495: Undergraduate Research or MIC 495: Undergraduate Research
BIO 351: Developmental Biology	MIC 420: Immunology: Molecular and Cellular Foundations or BIO 420: Immunology: Molecular and Cellular Foundations	MBB 445: Techniques in Molecular Biology/Genetics or MIC 445: Techniques in Molecular Biology/Genetics
BIO 353: Cell Biology	MIC 421: Experimental Immunology	MBB 446: Techniques in Molecular Biology/Genetics Lab or MIC 446: Techniques in Molecular Biology/Genetics Lab
BIO 360: Animal Physiology	MIC 441: Bacterial Genetics	
BIO 416: Biomedical Research Ethics (L) or HPS 410: Biomedical Research Ethics (L)	MIC 442: Bacterial Genetics Laboratory	
BMI 465: Introduction to Comparative Genomics		

MIC 470: Bacterial Diversity and Systematics	MIC 379: Medical Bacteriology
MIC 484: Internship	MIC 421: Experimental Immunology
MIC 485: General Virology	MIC 425: Advanced Immunology
	MIC 441: Bacterial Genetics
	MIC 442: Bacterial Genetics Laboratory
	MIC 470: Bacterial Diversity and Systematics
	MIC 485: General Virology

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.











## 2023 - 2024 Major Map

### Microbiology (Medical Microbiology), BS

School/College: [The College of Liberal Arts and Sciences](#)


Location: [Tempe](#)



LAMICMBS





Term 1 0 - 15 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 BIO 181: General Biology I (SQ)	4	C	<ul style="list-style-type: none"> <li>LIA 101, ASU 101, or college-specific First-Year Seminar required of all first-year students.</li> <li>Students transferring General Statistics (STP 226 or PSY 230) will fulfill STP 231 requirement.</li> <li>Select your <a href="#">Career Interest Communities</a> and play <a href="#">me3@ASU</a>.</li> </ul>
 LIA 101: Student Success in The College of Liberal Arts and Sciences	1	C	
CHM 113: General Chemistry I (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
STP 231: Statistics for Life Science (CS)	3	C	
Term hours subtotal:	15		
Term 2 15 - 32 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 BIO 182: General Biology II (SG)	4	C	<ul style="list-style-type: none"> <li>Join a student <a href="#">organization</a>.</li> <li>Activate your <a href="#">Handshake account</a> and build out your profile.</li> <li>Attend a <a href="#">Pre-Health 101 Session</a>.</li> <li>Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.)</li> <li>Students transferring Calculus (MAT 270 or MAT 210) will fulfill MAT 251 requirement.</li> </ul>
CHM 116: General Chemistry II (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 251: Calculus for Life Sciences (MA)	3	C	
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	17		
Term 3 32 - 46 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 MIC 220: Biology of Microorganisms AND MIC 206: Microbiology Laboratory (SG) OR BIO 340: General Genetics or MBB 347: Molecular Genetics: From Genes to Proteins	4	C	<ul style="list-style-type: none"> <li>If MIC 220 and MIC 206 are taken this term, BIO 340 or MBB 347 must be taken the following term.</li> <li>Students are encouraged to take MBB 347 to satisfy the genetics requirement. MBB 347 is only offered in spring term.</li> <li>Pre-health students should take CHM 233 and CHM 237 this term. See the <a href="#">pre-health website</a> for more information.</li> <li>If CHM 233 and 237 are taken, then CHM 234 and 238 must be taken the following term.</li> </ul>
CHM 231: Elementary Organic Chemistry (SQ) AND CHM 235: Elementary Organic Chemistry Laboratory (SQ)	4	C	
Science and Society Elective	3	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
 Complete First-Year Composition requirement.			
 Complete Mathematics (MA) requirement.			


Term hours subtotal: 14

- It is not recommended to take more than two lab courses in a term.
- Attend a [Study Abroad 101 Session](#).
- Explore [minors or certificates](#).

Term 4 46 - 63 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
MIC 220: Biology of Microorganisms AND MIC 206: Microbiology Laboratory (SG) OR BIO 340: General Genetics or MBB 347: Molecular Genetics: From Genes to Proteins	4	C	<ul style="list-style-type: none"> <li>• If MIC 220 and MIC 206 were taken the previous term, BIO 340 or MBB 347 must be taken this term.</li> <li>• Students are encouraged to take MBB 347 to satisfy the genetics requirement. MBB 347 is only offered in spring term.</li> <li>• Pre-health students should take CHM 234 and CHM 238 this term instead of an Elective. See the pre-health <a href="#">website</a> for more information.</li> <li>• Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.)</li> <li>• Meet with the <a href="#">Career &amp; Professional Development Center</a> to learn how to develop professional skills.</li> </ul>
PHY 101: Introduction to Physics (SQ)	4	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Literacy and Critical Inquiry (L)	3		
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	17		

Term 5 63 - 78 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 BIO 353: Cell Biology	3	C	<ul style="list-style-type: none"> <li>• Pre-health students should take PHY 111 and 113 instead of PHY 101 this term. See the pre-health <a href="#">website</a> for more information.</li> <li>• Meet with your <a href="#">advisor</a> to discuss ways to maximize your remaining time at ASU (i.e. pre-health; 4+1 Masters Programs; study abroad).</li> </ul>
BCH 361: Advanced Principles of Biochemistry AND BCH 367: Elementary Biochemistry Laboratory	4	C	
Upper Division Elective	4		
Elective	4		
Term hours subtotal:	15		

Term 6 78 - 92 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
BIO 360: Animal Physiology OR HPS 331: History of Medicine (HU & H) or BIO 318: History of Medicine (HU & H) OR MIC 314:  HIV/AIDS: Science, Behavior, and Society or SSH 314: HIV/AIDS: Science, Behavior, and Society OR MIC 421: Experimental Immunology OR MIC 379: Medical Bacteriology OR MIC 485: General Virology	2	C	<ul style="list-style-type: none"> <li>• BIO 312 or BIO 416 will satisfy the upper-division Science and Society requirement for The College of Liberal Arts and Sciences.</li> <li>• Pre-health students should take PHY 112 and 114 instead of an Elective this term. See the pre-health <a href="#">website</a> for more information.</li> <li>• Courses from the Microbes and Biomedicine groups must include at least one course from each category and at least one lab course.</li> <li>• Explore <a href="#">graduate school</a> or <a href="#">full-time career opportunities</a>.</li> </ul>
 MIC 420: Immunology: Molecular and Cellular Foundations OR BIO 420: Immunology: Molecular and Cellular Foundations	3		
BIO 312: Bioethics (HU) OR BIO 416: Biomedical Research Ethics (L)	3		
Microbes or Biomedicine Course	3	C	
Elective	3		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	14		

Term 7 92 - 105 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
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★ MIC 401: Research Paper (L)	1	C
Microbes or Biomedicine Course	3	C
Upper Division Literacy and Critical Inquiry (L)	3	
Complete 2 courses: Upper Division Elective	6	
Term hours subtotal:	13	

- MIC 401 requires the completion of an individualized instruction form and meeting with a faculty reader before the semester begins.
- Courses from the Microbes and Biomedicine groups must include one lab course
- Thinking about graduate school? Consider registering for a grad school **test prep course**.
- Use Handshake to research **employment opportunities**.
- Meet with your **advisor** to verify remaining degree requirements have been met prior to Term 8.

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
BIO 360: Animal Physiology OR HPS 331: History of Medicine (HU & H) or BIO 318: History of Medicine (HU & H) OR MIC 314: ★ HIV/AIDS: Science, Behavior, and Society or SSH 314: HIV/AIDS: Science, Behavior, and Society OR MIC 421: Experimental Immunology OR MIC 379: Medical Bacteriology OR MIC 485: General Virology	3	C	<ul style="list-style-type: none"> <li>• Continue to <b>apply</b> for full-time career opportunities or graduate school.</li> </ul>
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3	C	
Complete 2 courses: Upper Division Elective	6		
Elective	3		
Term hours subtotal:	15		

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Biomedicine	Microbes
ASB 462: Medical Anthropology: Culture and Health (SB & C)	BIO 390: Medical/Dental Field Placement or BIO 484: Internship or MIC 484: Internship
BIO 302: Cancer--Mother of All Diseases (L)	BIO 492: Honors Directed Study or MBB 492: Honors Directed Study or MIC 492: Honors Directed Study
BIO 343: Genetic Engineering and Society (L) or MBB 343: Genetic Engineering and Society (L)	BIO 495: Undergraduate Research or MBB 495: Undergraduate Research or MIC 495: Undergraduate Research
BIO 345: Evolution	MIC 302: Advanced Bacteriology Laboratory (L)
BIO 351: Developmental Biology	MIC 314: HIV/AIDS: Science, Behavior, and Society
BIO 451: Cell Biotechnology: Cell Culture, Immunocytochemistry and Bioimaging	MIC 360: Bacterial Physiology
MIC 445: Techniques in Molecular Biology/Genetics or MBB 445: Techniques in Molecular Biology/Genetics	

MIC 446: Techniques in Molecular Biology/Genetics Lab or MBB 446: Techniques in Molecular Biology/Genetics Lab	MIC 379: Medical Bacteriology
MIC 494: Biotechnology Viruses as Tools or BIO 494: Biotechnology Viruses as Tools	MIC 425: Advanced Immunology
MIC 494: Novel Models for Host-Microbe Interactions	MIC 441: Bacterial Genetics
	MIC 442: Bacterial Genetics Laboratory
	MIC 485: General Virology
	MIC 494: Human Pathogenic Viruses

**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment score** determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum  
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

- General Studies Core Requirements:
- Literacy and Critical Inquiry (L)
  - Mathematical Studies (MA)
  - Computer/Statistics/Quantitative Applications (CS)
  - Humanities, Arts and Design (HU)
  - Social-Behavioral Sciences (SB)
  - Natural Science - Quantitative (SQ)
  - Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.











## 2023 - 2024 Major Map

### Molecular Biosciences and Biotechnology, BS

School/College: [The College of Liberal Arts and Sciences](#)




Location: [Tempe](#)



LAMBBBS




Term 1 0 - 15 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 BIO 181: General Biology I (SQ)	4	C	<ul style="list-style-type: none"> <li>LIA 101, ASU 101, or college-specific First-Year Seminar required of all first-year students.</li> <li>Students transferring General Statistics (STP 226 or PSY 230) will fulfill STP 231 requirement.</li> <li>Select your <b>Career Interest Communities</b> and play <a href="#">me3@ASU</a>.</li> </ul>
 LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
CHM 113: General Chemistry I (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
STP 231: Statistics for Life Science (CS)	3	C	
Term hours subtotal:	15		
Term 2 15 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 BIO 182: General Biology II (SG)	4	C	<ul style="list-style-type: none"> <li>Join a <b>student organization</b>.</li> <li>Activate your <b>Handshake account</b> and build out your profile.</li> <li>Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.)</li> <li>Attend a <b>Pre-Health 101 Session</b>.</li> <li>Students transferring Calculus (MAT 270 or MAT 210) will fulfill MAT 251 requirement.</li> </ul>
CHM 116: General Chemistry II (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
MAT 251: Calculus for Life Sciences (MA)	3	C	
Elective	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	17		
Term 3 32 - 46 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MBB 347: Molecular Genetics: From Genes to Proteins	4	C	<ul style="list-style-type: none"> <li>Pre-health students should take CHM 233 and CHM 237 instead of CHM 231 and CHM 235 this term. See pre-health <a href="#">website</a> for more information</li> <li>If CHM 233 and 237 are taken, then CHM 234 and 238 must be taken the following semester</li> <li>It is not recommended to take more than two lab courses in a term.</li> </ul>
CHM 231: Elementary Organic Chemistry (SQ) AND CHM 235: Elementary Organic Chemistry Laboratory (SQ)	4	C	
Science and Society Elective	3	C	
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
 Complete First-Year Composition requirement.			
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	14		



- Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.)
- Attend a [Study Abroad 101 Session](#)
- Explore [minors](#) or [certificates](#)

Term 4 46 - 60 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MBB 343: Genetic Engineering and Society (L)	4	C	<ul style="list-style-type: none"> <li>• Pre-health students should take CHM 234 and CHM 238 instead of an elective this term. See the pre-health <a href="#">website</a> for more information</li> <li>• If CHM 233 and 237 are taken, then CHM 234 and 238 must be taken the following semester</li> <li>• MBB 343 will be used to satisfy the upper-division Science and Society requirement for The College.</li> <li>• Explore extracurriculars (i.e. service learning, community service, internships, research, student involvement, shadowing, etc.)</li> <li>• Meet with the <a href="#">Career &amp; Professional Development Center</a> to learn how to develop professional skills</li> </ul>
 MIC 220: Biology of Microorganisms AND MIC 206: Microbiology Laboratory (SG)	4	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Elective	3		
Term hours subtotal:	14		

Term 5 60 - 76 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 MBB 484: Internship OR MBB 492: Honors Directed Study OR MBB 495: Undergraduate Research	3	C	<ul style="list-style-type: none"> <li>• Pre-health students should take PHY 111 and PHY 113 instead of PHY 101. See pre-health <a href="#">website</a> for more information.</li> <li>• MBB 484 or MBB 492 or MBB 495 requires the completion of an individualized instruction form and meeting with a faculty member before the semester begins. These are positions and research experience secured by the student on their own.</li> <li>• Meet with your <a href="#">advisor</a> to discuss ways to maximize your remaining time at ASU (i.e. pre-health; 4+1 Masters Programs; study abroad).</li> <li>• Thinking about graduate school? Consider registering for a grad school <a href="#">test prep course</a>.</li> </ul>
PHY 101: Introduction to Physics (SQ)	4	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Social-Behavioral Sciences (SB)	3		
Elective	3		
Term hours subtotal:	16		

Term 6 76 - 90 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 MBB 484: Internship OR MBB 492: Honors Directed Study OR MBB 495: Undergraduate Research	3	C	<ul style="list-style-type: none"> <li>• Pre-health students should take PHY 112 and PHY 114 instead of an elective this term. See pre-health <a href="#">website</a> for more information.</li> <li>• MBB 484 or MBB 492 or MBB 495 requires the completion of an individualized instruction form and meeting with a faculty member before the semester begins. These are positions and research experience secured by the student on their own.</li> </ul>
BCH 361: Advanced Principles of Biochemistry AND BCH 367: Elementary Biochemistry Laboratory	4	C	
Upper Division Elective	3		
Elective	4		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	14		

- Use Handshake to research **employment opportunities**.

Term 7 90 - 105 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ MBB 490: Capstone: Issues in Biotechnology (L)	2	C	<ul style="list-style-type: none"> <li>• MBB 490 is a fall only course and can be taken before or after MBB 491 in a student's final year.</li> <li>• <b>Explore</b> or apply for full-time career opportunities or graduate school.</li> <li>• Meet with your <b>advisor</b> to verify remaining degree requirements have been met prior to Term 8.</li> </ul>
Upper Division Major Electives	3	C	
Upper Division Social-Behavioral Sciences (SB) OR Upper Division Humanities, Arts and Design (HU)	3		
Complete 2 courses:	7		
Upper Division Elective			
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ MBB 491: Capstone: Issues in Molecular Biosciences (L)	2	C	<ul style="list-style-type: none"> <li>• MBB 491 is a spring only course and can be taken before or after MBB 490 in a student's final year.</li> <li>• Continue to <b>apply</b> for full-time career opportunities or graduate school.</li> </ul>
Upper Division Major Electives	4	C	
Upper Division Elective	3		
Complete 2 courses:	6		
Elective			
Term hours subtotal:	15		

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

#### Hide Course List(s)/Track Group(s)

##### Major Electives

BIO 308: Plant Physiology

BIO 355: Introduction to Computational Molecular Biology (CS) or MAT 355: Introduction to Computational Molecular Biology (CS) or MBB 355: Introduction to Computational Molecular Biology (CS)

BIO 357: Cell and Molecular Biology Laboratory

BIO 415: Statistical Models for Biology (CS)

BIO 439: Computing for Research

BIO 451: Cell Biotechnology: Cell Culture, Immunocytochemistry and Bioimaging

MBB 350: Applied Genetics

MBB 440: Functional Genomics or BIO 440: Functional Genomics

MBB 445: Techniques in Molecular Biology/Genetics AND MBB 446: Techniques in Molecular Biology/Genetics Lab or MIC 445: Techniques in Molecular Biology/Genetics AND MIC 446: Techniques in Molecular Biology/Genetics Lab

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MIC 302: Advanced Bacteriology Laboratory (L)

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MIC 420: Immunology: Molecular and Cellular Foundations or BIO 420: Immunology: Molecular and Cellular Foundations AND MIC 421: Experimental Immunology

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MIC 441: Bacterial Genetics AND MIC 442: Bacterial Genetics Laboratory

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#### Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

#### General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.












## 2023 - 2024 Major Map

### Neuroscience, BS



School/College: [The College of Liberal Arts and Sciences](#)




Location: [Tempe](#)

LABMENBS

Term 1 0 - 14 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>• Students who test into MAT 251 or MAT 270 should enroll in that course in Term 1.</li> <li>• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>• Select your Career Interest Communities and play <a href="#">me3@ASU</a>.</li> <li>• Join a <a href="#">student club</a> or professional organization.</li> </ul>
 LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
 NEU 101: Introduction to Neuroscience	3	C	
BIO 181: General Biology I (SQ)	4	C	
Mathematics (MA)	3	C	
Term hours subtotal:	14		
Term 2 14 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>• MAT 251 or MAT 270 may require prerequisites which should be taken in Term 1.</li> <li>• Secure a <a href="#">part-time job</a> or <a href="#">volunteer experience</a>.</li> </ul>
BIO 182: General Biology II (SG)	4	C	
MAT 251: Calculus for Life Sciences (MA) OR MAT 265: Calculus for Engineers I (MA) OR MAT 270: Calculus with Analytic Geometry I (MA)	3-4	C	
PSY 101: Introduction to Psychology (SB)	3	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16-17		
Term 3 30 - 46 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CHM 113: General Chemistry I (SQ)	4	C	<ul style="list-style-type: none"> <li>• Explore an <a href="#">internship</a>.</li> <li>• Pursue <a href="#">research opportunities</a>.</li> </ul>
NEU 290: Data Science for Neuroscience Majors	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Literacy and Critical Inquiry (L)	3		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
 Complete Mathematics (MA) requirement. Complete First-Year Composition requirement.			

Term hours subtotal: 16

Term 4 46 - 62 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 CHM 116: General Chemistry II (SQ)	4	C	
Science and Society Elective	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Complete 2 courses:			
Elective	6		
Term hours subtotal:	16		

Term 5 62 - 77 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
 BIO 360: Animal Physiology	3	C	<ul style="list-style-type: none"> <li>The College of Liberal Arts and Sciences' Residency Requirement: Before graduation, at least 12 credit hours of upper-division (300 and 400 level) major coursework must be completed through courses offered by The College of Liberal Arts and Sciences.</li> </ul>
 NEU 310: Fundamentals of Cognitive Neuroscience	3	C	
Upper Division Science and Society Elective	3	C	
Complete 2 courses:			
Elective	6		
Term hours subtotal:	15		

Term 6 77 - 92 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
 BIO 476: Cellular and Molecular Neuroscience	3	C	<ul style="list-style-type: none"> <li>Use Handshake to research employment opportunities</li> <li>Draft a resume</li> <li>Gather professional references</li> </ul>
 Complete 2 courses:			
Upper Division Major Electives	6	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Upper Division Elective OR NEU 484: Internship	3		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 92 - 107 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
 NEU 325: Biopsychology OR BIO 477: Systems and Behavioral Neuroscience	3	C	<ul style="list-style-type: none"> <li>Apply for graduate school.</li> </ul>
 Complete 2 courses:			
Upper Division Major Electives	6	C	
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	15		

Term 8 107 - 120 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
 Complete 2 courses:			<ul style="list-style-type: none"> <li>Apply for full-time career opportunities.</li> </ul>
Upper Division Major Electives	6	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Elective	4-6		
Term hours subtotal:	13-15		

- A total of 18 credit hours is required from the major electives.
- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Behavioral Neuroscience	Cellular and Molecular Neuroscience	Cognitive Neuroscience
NEU 307: Your Brain on Drugs	BIO 327: Evolution of Human Behavior	NEU 394: Language and the Brain
NEU 394: Neuroscience of Learning and Motivation	BIO 331: Animal Behavior	NEU 394: Neuroimaging Methods
NEU 494: Anatomy of the Nervous System	BIO 435: Research Techniques in Animal Behavior	NEU 394: Neuroscience of Perception
NEU 494: Behavioral Neuroendocrinology	BIO 436: Sociobiology and Behavioral Ecology	NEU 494: Cognitive Neuroscience of Memory
NEU 494: Brain and Emotion	BIO 465: Neurophysiology	NEU 494: Neuroscience of Social Cognition
NEU 494: Neural Basis of Learning and Memory	BIO 494: Genetics and Genomics of Behavior	NEU 494: Themes in Cognitive Neuroscience
NEU 494: Neuroeconomics	BIO 494: Neurobiology of Attachment	NEU 494: Visual Cognitive Neuroscience
NEU 494: Neuropharmacology of Psychiatric Medications	BIO 498: Neural Development	SHS 367: Language Science (SB)
NEU 494: The Social Brain	NEU 494: Biotechnology Viruses as Tools or BIO 494: Biotechnology Viruses as Tools	SHS 485: Acquired Speech and Language Disorders
		SHS 494: Health Neuroscience
Systems and Computational Neuroscience		
BIO 355: Introduction to Computational Molecular Biology (CS)		
BIO 439: Computing for Research		
BIO 494: Data Analysis in Neuroscience		
BME 316: Biomechanics for Biomedical Engineers		
BME 350: Signals and Systems for Bioengineers		
BME 360: Control in Biological Systems		
BME 416: Advanced Biomechanics		
BME 465: Magnetic Resonance Imaging		
KIN 424: Neural Aspects of Movement and Rehabilitation		
MAT 451: Mathematical Modeling (CS)		
MAT 494: Mathematical Neuroscience		
SHS 310: Anatomical and Physiological Bases of Speech		
SHS 311: Hearing Science		

**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map



### Neuroscience, BS



School/College: [The College of Liberal Arts and Sciences](#)

Location: [Online ASU Local](#)

LABMENBS

Term 1 - A 0 - 8 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students</li> </ul>
ASU 101-LA: The ASU Experience	1		
BIO 181: General Biology I (SQ)	4	C	
Term hours subtotal:	8		

Term 1 - B 8 - 14 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 NEU 101: Introduction to Neuroscience	3	C	<ul style="list-style-type: none"> <li>Students who test into MAT 251 or MAT 270 should enroll in that course in Term 1.</li> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> <li>Select your Career Interest Communities and play <a href="#">me3@ASU</a>.</li> <li>Join a student club or <a href="#">professional organization</a>.</li> </ul>
Mathematics (MA)	3	C	
Term hours subtotal:	6		

Term 2 - A 14 - 21 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
BIO 182: General Biology II (SG)	4	C	
Term hours subtotal:	7		

Term 2 - B 21 - 27 Credit Hours	Hours	Minimum Grade	Notes
MAT 251: Calculus for Life Sciences (MA) OR MAT 265: Calculus for Engineers I (MA)	3	C	<ul style="list-style-type: none"> <li>MAT 251 or MAT 270 may require prerequisites which should be taken in Term 1.</li> <li>Participate in a <a href="#">volunteer experience</a>.</li> </ul>
PSY 101: Introduction to Psychology (SB)	3	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	6		

Term 3 - A 27 - 34 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CHM 113: General Chemistry I (SQ)	4	C	



Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3
Term hours subtotal:	7

- Take advantage of [online tutoring resources](#).

Term 3 - B 34 - 40 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
NEU 290: Data Science for Neuroscience Majors	3	C	
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
⚠ Complete Mathematics (MA) requirement.			
Complete First-Year Composition requirement.			
Term hours subtotal:	6		

Term 4 - A 40 - 47 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
⚠ CHM 116: General Chemistry II (SQ)	4	C	
Science and Society Elective	3	C	
Term hours subtotal:	7		

Term 4 - B 47 - 53 Credit Hours	Hours	Minimum Grade	Notes
Computer/Statistics/Quantitative Applications (CS)	3		
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	6		

- Participate in an [internship](#)

Term 5 - A 53 - 59 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ NEU 310: Fundamentals of Cognitive Neuroscience	3	C	
Upper Division Science and Society Elective	3	C	
Term hours subtotal:	6		

- The College of Liberal Arts and Sciences' Residency Requirement: Before graduation, at least 12 credit hours of upper-division (300 and 400 level) track coursework must be completed through courses offered by The College of Liberal Arts and Sciences.

Term 5 - B 59 - 65 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ BIO 360: Animal Physiology	3	C	
★ Upper Division Major Electives	3	C	
Term hours subtotal:	6		

- A total of 18 credit hours is required from the major electives.
- Take advantage of [career resources](#).

Term 6 - A 65 - 71 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ BIO 476: Cellular and Molecular Neuroscience	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	6		

- Draft a [resume](#)

Term 6 - B 71 - 77 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ NEU 325: Biopsychology OR BIO 477: Systems and Behavioral Neuroscience	3	C	
Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			

Term hours subtotal: 6

Term 7 - A 77 - 83 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Major Electives	3	C	• Use Handshake to research employment opportunities
Elective	3		
Term hours subtotal:	6		

Term 7 - B 83 - 89 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	6		

Term 8 - A 89 - 95 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Complete 2 courses: Upper Division Major Electives	6	C	
Term hours subtotal:	6		

Term 8 - B 95 - 101 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Elective	3		• Gather professional references
Elective	3		
Term hours subtotal:	6		

Term 9 - A 101 - 107 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Major Electives	3	C	• Apply for graduate school
Upper Division Elective	3		
Term hours subtotal:	6		

Term 9 - B 107 - 113 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses: Elective	6		
Term hours subtotal:	6		

Term 10 - A 113 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Major Electives	3	C	• Apply for full-time career opportunities
Elective	4		
Term hours subtotal:	7		

- A total of 18 credit hours is required from the major electives.
- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be

upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Behavioral Neuroscience	Cellular and Molecular Neuroscience	Cognitive Neuroscience
NEU 307: Your Brain on Drugs	BIO 331: Animal Behavior	NEU 394: Language and the Brain
NEU 394: Neuroscience of Learning and Motivation		NEU 394: Neuroimaging Methods
NEU 494: Anatomy of the Nervous System		NEU 394: Neuroscience of Perception
NEU 494: Brain and Emotion		NEU 494: Cognitive Neuroscience of Memory
		SHS 367: Language Science (SB)
		SHS 485: Acquired Speech and Language Disorders
Systems and Computational Neuroscience		
BIO 439: Computing for Research		
SHS 310: Anatomical and Physiological Bases of Speech		
SHS 311: Hearing Science		

**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum  
**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

- General Studies Core Requirements:
- Literacy and Critical Inquiry (L)
  - Mathematical Studies (MA)
  - Computer/Statistics/Quantitative Applications (CS)
  - Humanities, Arts and Design (HU)
  - Social-Behavioral Sciences (SB)
  - Natural Science - Quantitative (SQ)
  - Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)

- Historical Awareness (H)

#### First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

## 2023 - 2024 Major Map




### Philosophy, BA




School/College: [The College of Liberal Arts and Sciences](#)


Location: [Tempe](#)

LAPHIBA

Accelerated options for this program are not currently available to ASU Online students.

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students</li> <li><b>ASU Language Placement and Testing:</b> Only true beginners are eligible for 101-level second language courses. All other students are required to take a placement exam, regardless of prior credit earned, to verify the course level is appropriate. Students already proficient in a second language may take a proficiency exam.</li> <li>Select your <b>Career Interest Communities</b> and play <a href="#">me3@ASU</a>.</li> </ul>
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
MAT 142: College Mathematics (MA)	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
PHI Elective	3	C	
Elective	2		
Term hours subtotal:	16		

Term 2 16 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>Join a <b>student club</b> or professional organization.</li> <li>If interested in law school, review the <a href="#">Pre-Law at ASU</a> website.</li> </ul>
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Natural Science - Quantitative (SQ)	4		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	14		

Term 3 30 - 44 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	<ul style="list-style-type: none"> <li>Choosing a Social-Behavioral Sciences (SB) course that also fulfills Global Awareness (G) is recommended if the G requirement has not already been satisfied through other coursework.</li> </ul>
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		

Social-Behavioral Sciences (SB) AND Global Awareness (G)	3
Elective	3
❗ Complete Mathematics (MA) requirement.	
Complete First-Year Composition requirement.	
Term hours subtotal:	14

- Explore opportunities to **study abroad**.

Term 4 44 - 60 Credit Hours <b>Critical course signified by</b> ❗	Hours	Minimum Grade	Notes
❗ PHI 103: Principles of Sound Reasoning (L or HU)	3	C	<ul style="list-style-type: none"> <li>• Choosing a Social-Behavioral Sciences (SB) course that also satisfies the Cultural Diversity (C) requirement is recommended.</li> <li>• Visit <b>Career and Professional Development Services</b> and <b>meet with a career advisor</b> for assistance with career planning and networking.</li> <li>• If interested in law school, <b>make an appointment</b> with the pre-law advisor.</li> </ul>
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Elective	3		
Term hours subtotal:	16		

Term 5 60 - 75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ PHI 300: Philosophical Argument and Exposition (L)	3	C	<ul style="list-style-type: none"> <li>• History of Philosophy course is selected from list at bottom of map.</li> <li>• Some General Studies requirements can overlap with major courses, leaving more room for electives. Consult an academic advisor to select the best courses for your personal plan of study.</li> <li>• Choosing a Humanities (HU) course that also satisfies Historical Awareness (H) is recommended if these requirements have not already been satisfied with major courses.</li> <li>• Participate in an <b>internship</b> to gain valuable career experience and contacts. For help exploring internship <b>opportunities related to your major</b>, meet with an academic advisor.</li> </ul>
★ Upper Division History of Philosophy	3	C	
Upper Division Elective OR PHI 484: Internship	3		
Historical Awareness (H)	3		
Elective	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ PHI 333: Symbolic Logic OR PHI 413: Advanced Symbolic Logic	3	C	<ul style="list-style-type: none"> <li>• History of Philosophy course is selected from list at bottom of map.</li> <li>• Consider participating in an <b>Undergraduate Research Experience</b> through the School of Historical, Philosophical and Religious Studies or a research opportunity in the <b>Humanities Lab</b>.</li> <li>• Explore <b>graduate school</b> opportunities.</li> <li>• If planning to attend law school, prepare to take the <b>LSAT</b>.</li> </ul>
★ Upper Division History of Philosophy AND Humanities, Arts and Design (HU)	3	C	
PHI 313: Probability, Evidence, and Decision OR PHI 314: Philosophy of Science (HU) OR PHI 330: Theory of Knowledge (HU)	3	C	
Complete 2 courses: Upper Division Elective	6		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Philosophy Capstone Course	3	C	

PHI 335: History of Ethics (HU) OR PHI 336: Social and Political Philosophy (HU) OR PHI 337: Ethical Theory (HU) OR PHI 338: Metaethics	3	C
.....		
Complete 2 courses: Upper Division Elective	6	
.....		
Elective	3	
.....		
Term hours subtotal:	15	

- Philosophy Capstone Course is chosen from list at bottom of map.
- Use Handshake to research **employment opportunities**.
- Attend **career fairs, workshops and related events** offered by Career and Professional Development Services.

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PHI 331: Philosophy of Language (HU) OR PHI 332: Metaphysics (HU) OR PHI 334: Philosophy of Mind (HU)	3	C	<ul style="list-style-type: none"> <li>• Take advantage of mock interview opportunities and assistance with writing <b>resumes and cover letters</b>.</li> <li>• Apply for <b>full-time career opportunities</b>.</li> </ul>
★ Philosophy Capstone Course	3	C	
Complete 3 courses: Upper Division Elective	9		
Term hours subtotal:	15		

- At least 12 upper-division hours in the major (PHI) must be in courses offered by The College of Liberal Arts and Sciences.
- PHI 420 is a variable topics course that may be taken more than once, so long as the topics are different.

Hide Course List(s)/Track Group(s)

History of Philosophy	Philosophy Capstone Course
PHI 304: Existentialism (HU)	PHI 401: Rationalism
PHI 328: History of Ancient Philosophy (HU & H)	PHI 402: Empiricism (HU)
PHI 329: History of Modern Philosophy (HU & H)	PHI 403: Contemporary Analytic Philosophy (HU)
PHI 401: Rationalism	PHI 405: Moral Psychology
PHI 402: Empiricism (HU)	PHI 408: Feminist Ethics (HU)
PHI 403: Contemporary Analytic Philosophy (HU)	PHI 413: Advanced Symbolic Logic
	PHI 420: Topics in Philosophy
	PHI 452: Philosophy of Biology and Medicine

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map







### Philosophy, BA

School/College: [The College of Liberal Arts and Sciences](#)

Location: [Online ASU Local](#)

LAPHIBA

Accelerated options for this program are not currently available to ASU Online students.


Term 1 - A 0 - 6 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar is required of all first-year students.</li> <li>Select your <a href="#">Career Interest Communities</a> and play <a href="#">me3@ASU</a>.</li> </ul>
ASU 101-LA: The ASU Experience	1		
Elective	2		
Term hours subtotal:	6		
Term 1 - B 6 - 12 Credit Hours	Hours	Minimum Grade	Notes
MAT 142: College Mathematics (MA)	3	C	<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> </ul>
PHI Elective	3	C	
Term hours subtotal:	6		
Term 2 - A 12 - 19 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li><b>ASU Language Placement and Testing:</b> Only true beginners are eligible for 101-level second language courses. All other students are required to take a placement exam, regardless of prior credit earned, to verify the course level is appropriate. Students already proficient in a second language may take a proficiency exam.</li> </ul>
Second Language: Requirement satisfied through the following:			
* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Term hours subtotal:	7		
Term 2 - B 19 - 26 Credit Hours	Hours	Minimum Grade	Notes
Second Language: Requirement satisfied through the following:			<ul style="list-style-type: none"> <li>If interested in law school, review the <a href="#">Pre-Law at ASU</a> website.</li> </ul>
* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	7		
Term 3 - A 26 - 33 Credit Hours	Hours	Minimum Grade	Notes

Second Language: Requirement satisfied through the following:

\* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. 4 C

Computer/Statistics/Quantitative Applications (CS) 3


Term hours subtotal: 7

Term 3 - B 33 - 40 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
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Second Language: Requirement satisfied through the following:

\* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV. 4 C


Social-Behavioral Sciences (SB) AND Global Awareness (G) 3

 Complete Mathematics (MA) requirement.

Complete First-Year Composition requirement.

Term hours subtotal: 7

- Choosing a Social-Behavioral Sciences (SB) course that also fulfills Global Awareness (G) is recommended if the G requirement has not already been satisfied through other coursework.
- Explore opportunities to **study abroad**. Online students are eligible and encouraged to participate!

Term 4 - A 40 - 47 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
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 PHI 103: Principles of Sound Reasoning (L or HU) 3 C

Natural Science - Quantitative (SQ) 4

Term hours subtotal: 7

- Explore the **Career and Professional Development Services** website and arrange a **virtual advising** session with a career counselor for assistance with career planning and networking.
- If interested in law school, **make an appointment** with the pre-law advisor.

Term 4 - B 47 - 53 Credit Hours	Hours	Minimum Grade	Notes
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Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) 3

Elective 3

Term hours subtotal: 6

- Choosing a Social-Behavioral Sciences (SB) course that also satisfies the Cultural Diversity (C) requirement is recommended.

Term 5 - A 53 - 59 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
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 PHI 300: Philosophical Argument and Exposition (L) 3 C

Elective 3

Term hours subtotal: 6


Term 5 - B 59 - 66 Credit Hours	Hours	Minimum Grade	Notes
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Upper Division History of Philosophy 3 C

Natural Science - Quantitative (SQ) OR Natural Science - General (SG) 4

Term hours subtotal: 7

- History of Philosophy course is chosen from list at bottom of map.
- Participate in an **internship** to gain valuable career experience and contacts. For help exploring internship **opportunities related to your major**, contact an academic advisor.

Term 6 - A 66 - 72 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
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 Upper Division History of Philosophy AND Humanities, Arts and Design (HU) 3 C

Historical Awareness (H) 3

- History of Philosophy course is chosen from list at bottom of map.

Term hours subtotal: 6

- Consider participating in an [Undergraduate Research Experience](#) through the School of Historical, Philosophical and Religious Studies.
- If Historical Awareness (H) is already being satisfied by PHI 328, PHI 329, or another course, choose an elective instead.

Term 6 - B 72 - 78 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
PHI 314: Philosophy of Science (HU) OR PHI 330: Theory of Knowledge (HU)	3	C	<ul style="list-style-type: none"> <li>• If planning on law school, prepare to take the <a href="#">LSAT</a>.</li> </ul>
Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 78 - 84 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PHI 333: Symbolic Logic	3	C	<ul style="list-style-type: none"> <li>• Explore <a href="#">graduate school</a> opportunities.</li> </ul>
Elective	3		
Term hours subtotal:	6		

Term 7 - B 84 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PHI 335: History of Ethics (HU) OR PHI 336: Social and Political Philosophy (HU) OR PHI 337: Ethical Theory (HU) OR PHI 338: Metaethics	3	C	<ul style="list-style-type: none"> <li>• View career <a href="#">webinars</a> offered by Career and Professional Development Services.</li> </ul>
Upper Division Elective	3		
Term hours subtotal:	6		

Term 8 - A 90 - 96 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Elective	6		<ul style="list-style-type: none"> <li>• Use Handshake to research <a href="#">employment opportunities</a>.</li> </ul>
Term hours subtotal:	6		



Term 8 - B 96 - 102 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PHI 332: Metaphysics (HU) OR PHI 334: Philosophy of Mind (HU)	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		

Term 9 - A 102 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Philosophy Capstone Course	3	C	<ul style="list-style-type: none"> <li>• Capstone course is chosen from list at bottom of map.</li> <li>• Capstone option PHI 420 is a variable topics course that may be taken more than once, so long as the topics are different.</li> </ul>
Upper Division Elective	3		
Term hours subtotal:	6		

Term 9 - B 108 - 114 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses:			

Upper Division Elective	6
Term hours subtotal:	6

- Take advantage of mock interview opportunities and assistance with writing resumes and cover letters.

Term 10 - A 114 - 120 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
 Philosophy Capstone Course	3	C	<ul style="list-style-type: none"> <li>• Capstone course is chosen from list at bottom of map.</li> <li>• Capstone option PHI 420 is a variable topics course that may be taken more than once, so long as the topics are different..</li> <li>• Apply for full-time career opportunities.</li> </ul>
Upper Division Elective	3		
Term hours subtotal:	6		

- At least 12 upper-division hours in the major (PHI) must be in courses offered by The College of Liberal Arts and Sciences.

Hide Course List(s)/Track Group(s)

History of Philosophy	Philosophy Capstone Course
PHI 304: Existentialism (HU)	PHI 403: Contemporary Analytic Philosophy (HU)
PHI 328: History of Ancient Philosophy (HU & H)	PHI 420: Topics in Philosophy
PHI 329: History of Modern Philosophy (HU & H)	
PHI 403: Contemporary Analytic Philosophy (HU)	

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)

**Total College Residency Hrs:** 12 minimum

- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

## 2023 - 2024 Major Map



### Philosophy (Morality, Politics and Law), BA




School/College: [The College of Liberal Arts and Sciences](#)


Location: [Tempe](#)

LAPHIMPBA

Accelerated options for this program are not currently available to ASU Online students.

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students</li> <li><b>ASU Language Placement and Testing:</b> Only true beginners are eligible for 101-level second language courses. All other students are required to take a placement exam, regardless of prior credit earned, to verify the course level is appropriate. Students already proficient in a second language may take a proficiency exam.</li> <li>Select your <b>Career Interest Communities</b> and play <a href="mailto:me3@asu">me3@ASU</a>.</li> </ul>
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
MAT 142: College Mathematics (MA)	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Elective	2		
Maintain 2.00 GPA in Critical Tracking Courses.			
Term hours subtotal:	16		

Term 2 16 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>If planning to take PHI 333: Symbolic Logic in a later semester, take PHI 103, the prerequisite for PHI 333.</li> <li>Explore opportunities to <b>study abroad</b>.</li> </ul>
 PHI 101: Introduction to Philosophy (HU) OR PHI 103: Principles of Sound Reasoning (L or HU) OR PHI 105: Intro to Ethics (HU)	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Natural Science - Quantitative (SQ)	4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Maintain 2.00 GPA in Critical Tracking Courses.			
Term hours subtotal:	14		

Term 3 30 - 46 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
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Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C
Computer/Statistics/Quantitative Applications (CS)	3	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3	
Complete 2 courses: Elective	6	
♦ Complete Mathematics (MA) requirement.		
Complete First-Year Composition requirement.		
Maintain 2.00 GPA in Critical Tracking Courses.		
Term hours subtotal:	16	

- Choosing a Social-Behavioral Sciences (SB) course that also satisfies the Cultural Diversity (C) requirement is recommended.
- If interested in law school, review the [Pre-Law at ASU](#) website.
- Join a [student club](#) or professional organization.

Term 4 46 - 60 Credit Hours <b>Critical course signified by</b> ♦	Hours	Minimum Grade	Notes
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Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C
Literacy and Critical Inquiry (L)	3	
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4	
Elective	3	
♦ Maintain 2.00 GPA in Critical Tracking Courses.		
Term hours subtotal:	14	

- If interested in law school, [make an appointment](#) with the pre-law advisor.
- Visit [Career and Professional Development Services](#) and [meet with a career advisor](#) for assistance with career planning and networking.

Term 5 60 - 75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
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★ PHI 300: Philosophical Argument and Exposition (L)	3	C
★ Upper Division History of Philosophy	3	C
Politics Course	3	C
Upper Division Elective	3	
Elective	3	
Term hours subtotal:	15	

- History of Philosophy course is selected from list at bottom of map.
- Politics course is selected from list at bottom of map.
- Participate in an [internship](#) to gain valuable career experience and contacts. For help exploring internship [opportunities related to your major](#), meet with an academic advisor.

Term 6 75 - 90 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
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★ PHI 335: History of Ethics (HU) OR PHI 337: Ethical Theory (HU)	3	C
★ Upper Division Epistemology, Metaphysics, or Logic Course	3	C
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3	
Complete 2 courses: Upper Division Elective	6	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
Term hours subtotal:	15	

- Epistemology, Metaphysics or Logic Course selected from list at bottom of map.
- Consider participating in an [Undergraduate Research Experience](#) through the School of Historical, Philosophical and Religious Studies or a research opportunity in the [Humanities Lab](#).
- If planning on law school, prepare to take the [LSAT](#).
- Explore [graduate school](#) opportunities.
- If Humanities, Arts and Design (HU) and Historical Awareness (H) requirements have already been satisfied through major courses, choose an elective instead.

Term 7 90 - 105 Credit Hours Necessary course signified by ★	Hours	Grade	Notes
★ PHI 307: Philosophy of Law (HU) OR PHI 347: Philosophical Theories of Constitutional Law	3	C	<ul style="list-style-type: none"> <li>Philosophy Capstone Course selected from list at bottom of map.</li> <li>Ethics course selected from list at bottom of map.</li> <li>Use <b>Handshake</b> to research employment opportunities.</li> <li>Attend <b>career fairs, workshops and related events</b> offered by Career and Professional Development Services.</li> </ul>
★ Philosophy Capstone Course	3	C	
Upper Division Ethics Course	3	C	
Upper Division Elective OR PHI 484: Internship	3		
Upper Division Elective	3		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Philosophy Capstone Course	3	C	<ul style="list-style-type: none"> <li>Philosophy Capstone course selected from list at bottom of map.</li> <li>Law course selected from list at bottom of map.</li> <li>Take advantage of mock interview opportunities and assistance with writing <b>resumes and cover letters</b>.</li> <li>Apply for <b>full-time career opportunities</b>.</li> </ul>
★ Upper Division Law Course	3	C	
Complete 3 courses:	9		
Upper Division Elective			
Term hours subtotal:	15		

- PHI 420 is a variable topics course that may be taken more than once, so long as the topics are different.

Hide Course List(s)/Track Group(s)

History of Philosophy	Epistemology, Metaphysics, or Logic	Ethics
PHI 304: Existentialism (HU)	PHI 330: Theory of Knowledge (HU)	PHI 306: Applied Ethics (HU)
PHI 328: History of Ancient Philosophy (HU & H)	PHI 331: Philosophy of Language (HU)	PHI 310: Environmental Ethics (HU)
PHI 329: History of Modern Philosophy (HU & H)	PHI 332: Metaphysics (HU)	PHI 320: Bioethics (HU)
PHI 401: Rationalism	PHI 333: Symbolic Logic	PHI 335: History of Ethics (HU)
PHI 402: Empiricism (HU)	PHI 334: Philosophy of Mind (HU)	PHI 337: Ethical Theory (HU)
PHI 403: Contemporary Analytic Philosophy (HU)		PHI 338: Metaethics
		PHI 370: Sports Ethics (HU)
		PHI 405: Moral Psychology
		PHI 408: Feminist Ethics (HU)
		REL 381: Religion and Moral Issues (L or HU)
Law	Politics	Philosophy Capstone Course
HST 321: Constitutional History/US to 1865 (SB & H)	HST 315: Political History of the U. S. (SB & H)	PHI 401: Rationalism
HST 322: Constitutional History of the United States Since 1865 (H)	HST 317: History of Postwar U.S. Conservatism or POS 317: History of Postwar U.S. Conservatism	PHI 402: Empiricism (HU)
		PHI 403: Contemporary Analytic Philosophy (HU)



HST 323: Historical Studies in Race, Crime, and the Law	HST 414: Political History and Leadership or POS 414: Political History and Leadership	PHI 405: Moral Psychology
JUS 303: Justice Theory (L)	PHI 336: Social and Political Philosophy (HU)	PHI 408: Feminist Ethics (HU)
JUS 308: Courts and Society	POS 210: Political Ideologies (SB)	PHI 413: Advanced Symbolic Logic
JUS 360: Law and Social Control (SB)	POS 340: History of Political Philosophy I (HU & H)	PHI 420: Topics in Philosophy
JUS 410: Punishment: Logic and Approach	POS 341: History of Political Philosophy II (HU & H)	PHI 452: Philosophy of Biology and Medicine
JUS 463: Discretionary Justice (SB)	POS 346: Problems of Democracy (HU)	
JUS 465: Death Penalty in the United States (L)	POS 368: Ethics and Human Rights	
PHI 307: Philosophy of Law (HU)	POS 442: American Political Thought (HU)	
PHI 347: Philosophical Theories of Constitutional Law	REL 319: Religion, Violence and America	
POS 370: Law and Society (SB)	REL 378: Religion, War and Peace (L)	
POS 465: International Organization and Law (SB & G)	REL 388: Religion, Ethics, and International Politics or POS 388: Religion, Ethics, and International Politics	
POS 470: Law and the Political Order (SB)		
POS 471: Constitutional Law I (SB)		
POS 472: Constitutional Law II (SB)		

**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.
- At least 12 upper-division hours in the major must be in courses offered by The College of Liberal Arts and Sciences.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

#### First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

## 2023 - 2024 Major Map



### Philosophy (Morality, Politics and Law), BA

School/College: [The College of Liberal Arts and Sciences](#)



Location: [Online ASU Local](#)



LAPHIMPBA

Accelerated options for this program are not currently available to ASU Online students.

Term 1 - A 0 - 6 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>Select your <a href="#">Career Interest Communities</a> and play <a href="#">me3@ASU</a>.</li> </ul>
ASU 101-LA: The ASU Experience	1		
Elective	2		
Maintain 2.00 GPA in Critical Tracking Courses.			
Term hours subtotal:	6		

Term 1 - B 6 - 12 Credit Hours	Hours	Minimum Grade	Notes
MAT 142: College Mathematics (MA)	3	C	<ul style="list-style-type: none"> <li>Taking a Social-Behavioral Sciences (SB) course that also satisfies Global Awareness (G) is suggested.</li> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> </ul>
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Term hours subtotal:	6		

Term 2 - A 12 - 19 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
Natural Science - Quantitative (SQ)	4		
Maintain 2.00 GPA in Critical Tracking Courses.			
Term hours subtotal:	7		

Term 2 - B 19 - 26 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 PHI 101: Introduction to Philosophy (HU) OR PHI 103: Principles of Sound Reasoning (L or HU) OR PHI 105: Intro to Ethics (HU)	3	C	<ul style="list-style-type: none"> <li>If planning to take PHI 333 Symbolic Logic in a later semester, take PHI 103, the prerequisite for PHI 333.</li> <li><a href="#">ASU Language Placement and Testing</a>: Only true beginners are eligible for 101-level</li> </ul>
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	

Complete ENG 101 OR ENG 105 OR ENG 107 course(s).



Maintain 2.00 GPA in Critical Tracking Courses.

Term hours subtotal: 7



second language courses. All other students are required to take a placement exam, regardless of prior credit earned, to verify the course level is appropriate. Students already proficient in a second language may take a proficiency exam.

- If interested in law school, review the [Pre-Law at ASU](#) website.


Term 3 - A 26 - 33 Credit Hours	Hours	Minimum Grade	Notes
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Elective	3		
Term hours subtotal:	7		

Term 3 - B 33 - 40 Credit Hours <span style="color: red;">Critical course signified by</span> 	Hours	Minimum Grade	Notes
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	<ul style="list-style-type: none"> <li>• Choosing a Social-Behavioral Sciences (SB) course that also satisfies the Cultural Diversity (C) requirement is recommended.</li> <li>• Explore opportunities to <a href="#">study abroad</a>. Online students are eligible and encouraged to participate!</li> </ul>
<span style="color: red;">Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)</span>	3		
 Complete Mathematics (MA) requirement.			
Complete First-Year Composition requirement.			
Term hours subtotal:	7		

Term 4 - A 40 - 47 Credit Hours	Hours	Minimum Grade	Notes
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	<ul style="list-style-type: none"> <li>• Explore the <a href="#">Career and Professional Development Services</a> website and arrange a <a href="#">virtual advising</a> session with a career counselor for assistance with career planning and networking.</li> <li>• If interested in law school, <a href="#">make an appointment</a> with the pre-law advisor.</li> </ul>
<span style="color: red;">Computer/Statistics/Quantitative Applications (CS)</span>	3		
Term hours subtotal:	7		

Term 4 - B 47 - 54 Credit Hours <span style="color: red;">Critical course signified by</span> 	Hours	Minimum Grade	Notes
<span style="color: red;">Literacy and Critical Inquiry (L)</span>	3		
<span style="color: red;">Natural Science - General (SG) OR Natural Science - Quantitative (SQ)</span>	4		
 Maintain 2.00 GPA in Critical Tracking Courses.			
Term hours subtotal:	7		

Term 5 - A 54 - 60 Credit Hours <span style="color: red;">Necessary course signified by</span> 	Hours	Minimum Grade	Notes
 PHI 300: Philosophical Argument and Exposition (L)	3	C	
Elective	3		
Term hours subtotal:	6		

Term 5 - B 60 - 66 Credit Hours <span style="color: red;">Necessary course signified by</span> 	Hours	Minimum Grade	Notes
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★ Upper Division History of Philosophy	3	C
Historical Awareness (H)	3	
Term hours subtotal:	6	

- Consider participating in an **Undergraduate Research Experience** through the School of Historical, Philosophical and Religious Studies.
- If Historical Awareness (H) is already being satisfied by PHI 328, PHI 329, or another course, choose an elective instead.

Term 6 - A 66 - 72 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PHI 335: History of Ethics (HU) OR PHI 337: Ethical Theory (HU)	3	C	<ul style="list-style-type: none"> <li>• Participate in an <b>internship</b> to gain valuable career experience and contacts. For help exploring internship <b>opportunities related to your major</b>, contact an academic advisor.</li> </ul>
Upper Division Elective	3		
Term hours subtotal:	6		

Term 6 - B 72 - 78 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Epistemology, Metaphysics or Logic Course	3	C	<ul style="list-style-type: none"> <li>• Epistemology, Metaphysics or Logic course is chosen from list at bottom of map.</li> <li>• If planning on law school, prepare to take the <b>LSAT</b>.</li> </ul>
Upper Division Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 78 - 84 Credit Hours	Hours	Minimum Grade	Notes
Politics Course	3	C	<ul style="list-style-type: none"> <li>• Politics course selected from list at bottom of map.</li> <li>• Explore <b>graduate school</b> opportunities.</li> </ul>
Upper Division Elective	3		
Term hours subtotal:	6		

Term 7 - B 84 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PHI 307: Philosophy of Law (HU)	3	C	<ul style="list-style-type: none"> <li>• View career <b>webinars</b> offered by Career and Professional Development Services.</li> </ul>
Upper Division Elective	3		
Term hours subtotal:	6		

Term 8 - A 90 - 96 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Philosophy Capstone Course	3	C	<ul style="list-style-type: none"> <li>• Capstone course chosen from list at bottom of map.</li> <li>• Capstone option PHI 420 is a variable topics course that may be taken more than once, so long as the topics are different.</li> </ul>
Upper Division Elective	3		
Term hours subtotal:	6		

Term 8 - B 96 - 102 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Law Course	3	C	<ul style="list-style-type: none"> <li>• Law course selected from list at bottom of map.</li> </ul>
Elective	3		
Term hours subtotal:	6		

Term 9 - A 102 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Ethics Course	3	C	

Elective	3
Term hours subtotal:	6

- Ethics course selected from list at bottom of map.
- Use **Handshake** to research employment opportunities.

Term 9 - B 108 - 114 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	6		

- Take advantage of mock interview opportunities and assistance with writing resumes and cover letters.

Term 10 - A 114 - 120 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Philosophy Capstone Course	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		

- Capstone course chosen from list at bottom of map.
- Capstone option PHI 420 is a variable topics course that may be taken more than once, so long as the topics are different.
- Apply for full-time career opportunities.

- At least 12 upper-division hours in the major must be in courses offered by The College of Liberal Arts and Sciences.

Hide Course List(s)/Track Group(s)

History of Philosophy	Epistemology, Metaphysics or Logic Course	Ethics
PHI 304: Existentialism (HU)	PHI 330: Theory of Knowledge (HU)	PHI 306: Applied Ethics (HU)
PHI 328: History of Ancient Philosophy (HU & H)	PHI 332: Metaphysics (HU)	PHI 310: Environmental Ethics (HU)
PHI 329: History of Modern Philosophy (HU & H)	PHI 333: Symbolic Logic	PHI 320: Bioethics (HU)
PHI 403: Contemporary Analytic Philosophy (HU)	PHI 334: Philosophy of Mind (HU)	PHI 335: History of Ethics (HU)
		PHI 337: Ethical Theory (HU)
		PHI 338: Metaethics
		PHI 370: Sports Ethics (HU)
		REL 381: Religion and Moral Issues (L or HU)
Law	Politics	Philosophy Capstone Course
JUS 303: Justice Theory (L)	PHI 336: Social and Political Philosophy (HU)	PHI 403: Contemporary Analytic Philosophy (HU)
JUS 308: Courts and Society	POS 210: Political Ideologies (SB)	PHI 420: Topics in Philosophy
JUS 360: Law and Social Control (SB)	POS 340: History of Political Philosophy I (HU & H)	
POS 370: Law and Society (SB)	POS 346: Problems of Democracy (HU)	
POS 465: International Organization and Law (SB & G)	POS 368: Ethics and Human Rights	
POS 471: Constitutional Law I (SB)	POS 442: American Political Thought (HU)	

**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.







## 2023 - 2024 Major Map

### Philosophy (Science, Nature and Mind), BA

School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe](#)

LAPHISNMBA

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li><b>ASU Language Placement and Testing:</b> Only true beginners are eligible for 101-level second language courses. All other students are required to take a placement exam, regardless of prior credit earned, to verify the course level is appropriate. Students already proficient in a second language may take a proficiency exam.</li> <li>Select your <b>Career Interest Communities</b> and play <b>me3@ASU</b>.</li> </ul>
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
MAT 142: College Mathematics (MA)	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Complete 2 courses: Elective	5		
Maintain 2.00 GPA in Critical Tracking Courses.			
Term hours subtotal:	16		
Term 2 16 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>Explore opportunities to <b>study abroad</b>.</li> <li>Join a <b>student club</b> or professional organization.</li> <li>Activate your <b>Handshake account</b> and build out your profile.</li> <li>If interested in a health career, attend a <b>Pre-Health 101</b> workshop.</li> </ul>
 PHI 103: Principles of Sound Reasoning (L or HU)	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Natural Science - Quantitative (SQ)	4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Maintain 2.00 GPA in Critical Tracking Courses.			
Term hours subtotal:	14		
Term 3 30 - 46 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	<ul style="list-style-type: none"> <li>Choosing a Humanities (HU) course that also satisfies the Historical Awareness (H) requirement is recommended.</li> </ul>
Computer/Statistics/Quantitative Applications (CS)	3		



Humanities, Arts and Design (HU) AND Historical Awareness (H)	3
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3
Elective	3
❗ Complete Mathematics (MA) requirement.	
Complete First-Year Composition requirement.	
Maintain 2.00 GPA in Critical Tracking Courses.	
Term hours subtotal:	16

- Choosing a Social-Behavioral Sciences (SB) course that also satisfies the Cultural Diversity (C) requirement is recommended.
- If interested in a health career, review the [Pre-Health](#) website.
- If interested in law school, review the [Pre-Law](#) website.
- If planning on a health career, choose electives that satisfy [medical or dental school requirements for admission](#).

Term 4 46 - 60 Credit Hours <b>Critical course signified by</b> ❗	Hours	Minimum Grade	Notes
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	<ul style="list-style-type: none"> <li>• Choosing a Social Behavioral Sciences (SB) course that also satisfies the Global Awareness (G) requirement is recommended if these requirements have not already been satisfied.</li> <li>• Visit <a href="#">Career and Professional Development Services</a> and <a href="#">meet with a career advisor</a> for assistance with career planning and networking.</li> <li>• If interested in a health career, <a href="#">make an appointment</a> with a pre-health advisor.</li> <li>• If interested in law school, <a href="#">make an appointment</a> with the pre-law advisor.</li> </ul>
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Elective	3		
❗ Maintain 2.00 GPA in Critical Tracking Courses.			
Term hours subtotal:	14		

Term 5 60 - 75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ PHI 300: Philosophical Argument and Exposition (L)	3	C	<ul style="list-style-type: none"> <li>• History of Philosophy course selected from list at bottom of map.</li> <li>• Participate in an <a href="#">internship</a> to gain valuable career experience and contacts. For help exploring internship <a href="#">opportunities related to your major</a>, meet with an academic advisor.</li> <li>• If planning on a health career, prepare to take <a href="#">entrance exams</a> for professional school.</li> </ul>
★ PHI 314: Philosophy of Science (HU)	3	C	
★ Upper Division History of Philosophy Course	3	C	
Upper Division Elective OR PHI 484: Internship	3		
Elective	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ PHI 333: Symbolic Logic OR PHI 413: Advanced Symbolic Logic	3	C	<ul style="list-style-type: none"> <li>• Select "Mind" or "Science and Nature" course from list at bottom of map.</li> <li>• Consider participating in an <a href="#">Undergraduate Research Experience</a> through the School of Historical, Philosophical and Religious Studies or a research opportunity in the <a href="#">Humanities Lab</a>.</li> <li>• If planning on law school, prepare to take the <a href="#">LSAT</a>.</li> <li>• Thinking about graduate school? Consider registering for a grad school <a href="#">test prep course</a>.</li> </ul>
★ PHI 334: Philosophy of Mind (HU)	3	C	
Mind Course OR Science and Nature Course	3	C	
Complete 2 courses: Upper Division Elective	6		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Philosophy Capstone Course	3	C	

Upper Division Science and Nature Course	3	C
<i>Complete 3 courses:</i>		
Upper Division Elective	9	
Term hours subtotal:		15

- Philosophy Capstone course selected from list at bottom of map.
- Select "Science and Nature" course from list at bottom of map.
- Use **Handshake** to research employment opportunities.
- Attend **career fairs, workshops and related events** offered by Career and Professional Development Services.

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Philosophy Capstone Course	3	C	<ul style="list-style-type: none"> <li>• Philosophy Capstone course selected from list at bottom of map.</li> <li>"Mind" course selected from list at bottom of map.</li> <li>• Take advantage of mock interview opportunities and assistance with writing <b>resumes and cover letters</b>.</li> <li>• Apply for <b>full-time career opportunities</b>.</li> </ul>
Upper Division Mind Course	3	C	
<i>Complete 2 courses:</i>			
Upper Division Elective	6		
Elective	3		
Term hours subtotal:		15	

- PHI 420 is a variable topics course that may be taken more than once, so long as the topics are different.

#### Hide Course List(s)/Track Group(s)

History of Philosophy	Mind	Science and Nature
PHI 304: Existentialism (HU)	IAS 410: Evolution of Ideas (L or HU)	FIS 331: Technology and the Modern World
PHI 328: History of Ancient Philosophy (HU & H)	PHI 313: Probability, Evidence, and Decision or HPS 313: Probability, Evidence, and Decision	HPS 322: History of Science I (HU & H) or BIO 328: History of Science I (HU & H)
PHI 329: History of Modern Philosophy (HU & H)	PHI 319: Philosophy, Computing and Artificial Intelligence (CS)	HPS 323: History of Science II (HU & H) or BIO 317: History of Science II (HU & H)
PHI 401: Rationalism	PHI 330: Theory of Knowledge (HU)	HPS 331: History of Medicine (HU & H) or BIO 318: History of Medicine (HU & H)
PHI 402: Empiricism (HU)	PHI 331: Philosophy of Language (HU)	HPS 349: Nature, Sustainability and Religion or JST 349: Nature, Sustainability and Religion or REL 349: Nature, Sustainability and Religion or SOS 349: Nature, Sustainability and Religion
PHI 403: Contemporary Analytic Philosophy (HU)	PHI 405: Moral Psychology	HST 345: Environmental History (L)
	PSY 224: Introduction to Cognitive Neuroscience	MAT 411: History and Philosophy of Mathematics (HU & H)
	PSY 323: Sensation and Perception	PHI 310: Environmental Ethics (HU) or BIO 324: Environmental Ethics (HU)
	PSY 324: Memory and Cognition	PHI 320: Bioethics (HU) or BIO 312: Bioethics (HU) or IAS 340: Bioethics (HU)
	PSY 341: Developmental Psychology (SB)	
	PSY 434: Cognitive Psychology (L)	

PHI 322: History and Philosophy of Sustainability or HST 308: History and Philosophy of Sustainability or SOS 309: History and Philosophy of Sustainability

PHI 325: Philosophy of Social Science (HU or SB)

PHI 332: Metaphysics (HU)

PHI 409: Eco-Community Ethics (HU) or IAS 409: Eco-Community Ethics (HU)

SOC 334: Technology and Society (L or SB) or ASB 344: Technology and Society (L or SB)

SOS 310: Equity, Justice and Sustainability

STS 302: Philosophy of Science and Technology (SB)

STS 303: History of Science and Technology (H)

STS 306: Social Effects of Science and Technology (SB)

STS 331: Ethical Issues in Science and Technology (SB)

WST 340: Gender, Science, and Technology (SB)

#### Philosophy Capstone Course

PHI 401: Rationalism

PHI 402: Empiricism (HU)

PHI 403: Contemporary Analytic Philosophy (HU)

PHI 405: Moral Psychology

PHI 408: Feminist Ethics (HU)

PHI 413: Advanced Symbolic Logic

PHI 420: Topics in Philosophy

PHI 452: Philosophy of Biology and Medicine

#### Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.
- At least 12 upper-division hours in the major must be in courses offered by The College of Liberal Arts and Sciences.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

## 2023 - 2024 Major Map

### Physics, BA

School/College: The College of Liberal Arts and Sciences

Location: Tempe

LAPHYBA

Term 1 0 - 14 Credit Hours Critical course signified by ⚠	Hours	Minimum Grade	Notes
⚠ MAT 270: Calculus with Analytic Geometry I (MA) OR MAT 265: Calculus for Engineers I (MA)	3-4	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>CHM 114 may be taken in place of CHM 113.</li> <li>Select your <b>career interest communities</b> and play <b>me3@ASU</b>.</li> </ul>
CHM 113: General Chemistry I (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
⚠ Maintain 2.00 GPA in Critical Tracking Courses.			
Term hours subtotal:		14-15	
Term 2 14 - 28 Credit Hours Critical course signified by ⚠	Hours	Minimum Grade	Notes
⚠ MAT 271: Calculus with Analytic Geometry II (MA) OR MAT 266: Calculus for Engineers II (MA)	3-4	C	<ul style="list-style-type: none"> <li><b>ASU Language Placement:</b> Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.</li> <li>Join a <b>student club or professional organization</b>.</li> </ul>
⚠ PHY 150: Physics I (SQ) OR PHY 121: University Physics I: Mechanics (SQ) AND PHY 122: University Physics Laboratory I (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
⚠ Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
⚠ Maintain 2.00 GPA in Critical Tracking Courses.			
Term hours subtotal:		14-15	
Term 3 28 - 42 Credit Hours Critical course signified by ⚠	Hours	Minimum Grade	Notes
⚠ MAT 272: Calculus with Analytic Geometry III (MA) OR MAT 267: Calculus for Engineers III (MA)	3-4	C	<ul style="list-style-type: none"> <li>Look into <b>internship opportunities</b>.</li> </ul>

⚠️ PHY 151: Physics II (SQ) OR PHY 131: University Physics II: Electricity and Magnetism (SQ) AND PHY 132: University Physics Laboratory II (SQ)	4	C
Second Language: Requirement satisfied through the following:		
* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3	
⚠️ Maintain 2.00 GPA in Critical Tracking Courses.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:		14-15

Term 4 42 - 59 Credit Hours Critical course signified by ⚠️	Hours	Minimum Grade	Notes
⚠️ PHY 201: Mathematical Methods in Physics I (CS)	3	C	<ul style="list-style-type: none"> <li>Visit <a href="#">Career and Professional Development Services</a> and meet with a career advisor for assistance with career planning and networking.</li> </ul>
⚠️ PHY 252: Physics III (SQ) OR PHY 241: University Physics III AND PHY 202: Programming for Physicists	4	C	
Second Language: Requirement satisfied through the following:			
* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Social-Behavioral Sciences (SB)	3		
⚠️ Maintain 2.00 GPA in Critical Tracking Courses.			
Term hours subtotal:		17	

Term 5 59 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PHY 302: Mathematical Methods in Physics II	3	C	<ul style="list-style-type: none"> <li>Develop your online <a href="#">professional presence</a>.</li> </ul>
★ PHY 310: Classical Particles, Fields, and Matter I	3	C	
★ PHY 314: Quantum Physics I	3	C	
Second Language: Requirement satisfied through the following:			
* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:		16	

Term 6 75 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PHY 311: Classical Particles, Fields, and Matter II	3	C	<ul style="list-style-type: none"> <li>Complete a <a href="#">practice interview</a>.</li> </ul>
Upper Division Physics Elective	3	C	
Literacy and Critical Inquiry (L)	3		
Upper Division Elective OR PHY 484: Internship	3		
Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:		15	

Term 7 90 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Physics Elective	3	C	
Complete 4 courses:			

Upper Division Elective	12
Term hours subtotal:	15

- Courses other than those in the track list below must be approved by the Department of Physics academic advisor.
- Meet with your academic advisor for a final degree check before registering for your final semester.
- Use [Handshake](#) to view career postings.

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Literacy and Critical Inquiry (L)	3		
Complete 2 courses:			
Upper Division Elective	6		
Complete 2 courses:			
Elective	6		
Term hours subtotal:	15		

- Apply for graduation.
- Apply for full-time career opportunities.

Hide Course List(s)/Track Group(s)

Upper Division Physics Elective
PHY 315: Quantum Physics II
PHY 333: Electronic Circuits and Measurements
PHY 334: Advanced Laboratory I (L)
PHY 361: Introductory Modern Physics
PHY 432: Computational Methods in Physics
PHY 452: Physical Optics
PHY 462: Particle and Nuclear Physics
PHY 480: Methods of Teaching Physics
PHY 481: Materials Physics I
PHY 494: Special Topics
PHY 495: Project Research
PHY 498: Pro-Seminar

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.












## 2023 - 2024 Major Map

### Physics, BA



School/College: [The College of Liberal Arts and Sciences](#)



Location: [Online ASU Local](#)



LAPHYBA



Term 1 - A 0 - 7 Credit Hours	Hours	Minimum Grade	Notes
ASU 101-LA: The ASU Experience	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar is required for all first-year students.</li> <li>Select your <a href="#">career interest area</a> and play <a href="#">me3@ASU</a>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	7		
Term 1 - B 7 - 13 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 265: Calculus for Engineers I (MA)	3	C	<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
 Maintain 2.00 GPA in Critical Tracking Courses.			
Term hours subtotal:	6		
Term 2 - A 13 - 20 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 266: Calculus for Engineers II (MA)	3	C	<ul style="list-style-type: none"> <li><b>ASU Language Placement:</b> Only those students with no experience with the language may take a 101-level course. All other students are required to take a language placement exam, regardless of prior credit earned.</li> <li>Join a student <a href="#">club</a> or <a href="#">professional organization</a>.</li> </ul>
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
 Maintain 2.00 GPA in Critical Tracking Courses.			
Term hours subtotal:	7		
Term 2 - B 20 - 28 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 PHY 121: University Physics I: Mechanics (SQ) AND PHY 122: University Physics Laboratory I (SQ)	4	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:			


Term hours subtotal: 8



Term 3 - A 28 - 35 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 267: Calculus for Engineers III (MA)	3	C	<ul style="list-style-type: none"> <li>Review the <a href="#">Career Guide for ASU Online students</a> to learn about available career planning resources.</li> </ul>
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Term hours subtotal:	7		



Term 3 - B 35 - 43 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 PHY 131: University Physics II: Electricity and Magnetism (SQ) AND PHY 132: University Physics Laboratory II (SQ)	4	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Complete Mathematics (MA) requirement.			
Term hours subtotal:	8		

Term 4 - A 43 - 50 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 PHY 241: University Physics III AND PHY 202: Programming for Physicists	4	C	<ul style="list-style-type: none"> <li>Register for a <a href="#">Handshake</a> account and participate in <a href="#">virtual career advising</a>.</li> </ul>
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	7		

Term 4 - B 50 - 59 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 PHY 201: Mathematical Methods in Physics I (CS)	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Elective	3		
Term hours subtotal:	9		

Term 5 - A 59 - 68 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 PHY 302: Mathematical Methods in Physics II	3	C	
Social-Behavioral Sciences (SB)	3		
Elective	3		
Term hours subtotal:	9		

Term 5 - B 68 - 74 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 PHY 314: Quantum Physics I	3	C	
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Term hours subtotal:	6		

Term 6 - A 74 - 81 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 PHY 310: Classical Particles, Fields, and Matter I	3	C	<ul style="list-style-type: none"> <li>Develop your <a href="#">professional online presence</a></li> <li>CHM 114 may be taken in place of CHM 113</li> </ul>
CHM 113: General Chemistry I (SQ)	4	C	
Term hours subtotal:	7		

Term 6 - B 81 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PHY 311: Classical Particles, Fields, and Matter II	3	C	
Upper Division Literacy and Critical Inquiry (L) ( PHY 334 recommended)	3		
Upper Division Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	9		

Term 7 - A 90 - 99 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Physics Elective	3	C	• Complete <i>practice interview</i> .
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	9		

Term 7 - B 99 - 105 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Elective	3		
Term hours subtotal:	6		

Term 8 - A 105 - 111 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Physics Elective	3	C	• Apply for graduation.
Upper Division Elective	3		
Term hours subtotal:	6		

Term 8 - B 111 - 120 Credit Hours	Hours	Minimum Grade	Notes
Complete 3 courses: Upper Division Elective	9		• Apply for <i>full-time positions</i> .
Term hours subtotal:	9		

Hide Course List(s)/Track Group(s)

- Upper Division Physics Electives
- PHY 315: Quantum Physics II
- PHY 333: Electronic Circuits and Measurements
- PHY 334: Advanced Laboratory I (L)
- PHY 361: Introductory Modern Physics
- PHY 394: Intro to Research Technique

Notes:

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- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.












## 2023 - 2024 Major Map

### Physics, BS

School/College: The College of Liberal Arts and Sciences

Location: Tempe

LAPHYBS

Term 1 0 - 14 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 270: Calculus with Analytic Geometry I (MA) OR MAT 265: Calculus for Engineers I (MA)	4-3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>MAT 270 is recommended.</li> <li>Select your <b>career interest area</b> and play me3@ASU.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Social-Behavioral Sciences (SB)	3		
 Maintain 2.50 GPA in Critical Tracking Courses.			
Term hours subtotal:	14-13		
Term 2 14 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 271: Calculus with Analytic Geometry II (MA) OR MAT 266: Calculus for Engineers II (MA)	4-3	C	<ul style="list-style-type: none"> <li>MAT 271 is recommended</li> <li>PHY 150 is recommended</li> <li>Join a <b>student club</b> or professional organization</li> </ul>
 PHY 150: Physics I (SQ) OR PHY 121: University Physics I: Mechanics (SQ) AND PHY 122: University Physics Laboratory I (SQ)	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Elective	2		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Maintain 2.50 GPA in Critical Tracking Courses.			
Term hours subtotal:	16-15		
Term 3 30 - 47 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 272: Calculus with Analytic Geometry III (MA) OR MAT 267: Calculus for Engineers III (MA)	4-3	C	<ul style="list-style-type: none"> <li>MAT 272 is recommended</li> <li>PHY 151 is recommended</li> <li>Take a look at <b>internship</b> or <b>research opportunities</b></li> </ul>
 PHY 151: Physics II (SQ) OR PHY 131: University Physics II: Electricity and Magnetism (SQ) AND PHY 132: University Physics Laboratory II (SQ)	4	C	

Science and Society Elective	3	C
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3	
Elective	3	
❗ Maintain 2.50 GPA in Critical Tracking Courses.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	17-16	

Term 4 47 - 63 Credit Hours Critical course signified by ❗	Hours	Minimum Grade	Notes
❗ PHY 201: Mathematical Methods in Physics I (CS)	3	C	<ul style="list-style-type: none"> <li>PHY 252 is recommended.</li> <li>Activate your <b>Handshake account</b> and build out your profile.</li> </ul>
❗ PHY 252: Physics III (SQ) OR PHY 241: University Physics III AND PHY 202: Programming for Physicists	4	C	
Literacy and Critical Inquiry (L)	3		
Complete 2 courses:	6		
Elective			
❗ Maintain 2.50 GPA in Critical Tracking Courses.			
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PHY 302: Mathematical Methods in Physics II	3	C	<ul style="list-style-type: none"> <li>Prepare for a career or graduate school.</li> <li>Create a first draft resume.</li> </ul>
★ PHY 310: Classical Particles, Fields, and Matter I	3	C	
★ PHY 314: Quantum Physics I	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Elective	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PHY 311: Classical Particles, Fields, and Matter II	3	C	<ul style="list-style-type: none"> <li>Explore <b>graduate programs</b></li> <li>Prepare for <b>graduate school exams</b></li> </ul>
★ PHY 315: Quantum Physics II	3	C	
★ PHY 334: Advanced Laboratory I (L)	3	C	
Upper Division Science and Society Elective	3	C	
Upper Division Elective OR PHY 484: Internship	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PHY 412: Classical Particles, Fields, and Matter III OR PHY 416: Quantum Physics III	3	C	<ul style="list-style-type: none"> <li>Develop your <b>professional online presence</b>.</li> <li>Submit graduate school applications.</li> </ul>
★ PHY 441: Statistical and Thermal Physics	3	C	
PHY 333: Electronic Circuits and Measurements OR PHY 465: Advanced Laboratory II	3	C	
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ PHY Upper Division Elective	3	C	• Apply for full-time careers
Complete 3 courses:			
Elective	9		
Term hours subtotal:	12		

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.











## 2023 - 2024 Major Map

### Physics, BS

School/College: [The College of Liberal Arts and Sciences](#)

Location: [Online ASU Local](#)

LAPHYBS

Term 1 - A 0 - 7 Credit Hours	Hours	Minimum Grade	Notes
ASU 101-LA: The ASU Experience	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar is required for all first-year students.</li> <li>Select your <a href="#">career interest area</a> and play <a href="#">me3@ASU</a>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	7		
Term 1 - B 7 - 13 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 265: Calculus for Engineers I (MA)	3	C	<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> </ul>
Social-Behavioral Sciences (SB)	3		
 Maintain 2.50 GPA in Critical Tracking Courses.			
Term hours subtotal:	6		
Term 2 - A 13 - 19 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 266: Calculus for Engineers II (MA)	3	C	<ul style="list-style-type: none"> <li>Join a student <a href="#">club</a> or professional organization.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Term hours subtotal:	6		
Term 2 - B 19 - 28 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 PHY 121: University Physics I: Mechanics (SQ) AND PHY 122: University Physics Laboratory I (SQ)	4	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Elective	2		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
 Maintain 2.50 GPA in Critical Tracking Courses.			
Term hours subtotal:	9		
Term 3 - A 28 - 37 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes



⚠ MAT 267: Calculus for Engineers III (MA)	3	C
Science and Society Elective	3	C
Elective	3	
Term hours subtotal:	9	

- Review the [Career Guide for ASU Online students](#) to learn about available career planning resources.

Term 3 - B 37 - 44 Credit Hours Critical course signified by ⚠	Hours	Minimum Grade	Notes
⚠ PHY 131: University Physics II: Electricity and Magnetism (SQ) AND PHY 132: University Physics Laboratory II (SQ)	4	C	
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
⚠ Maintain 2.50 GPA in Critical Tracking Courses.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	7		

Term 4 - A 44 - 51 Credit Hours Critical course signified by ⚠	Hours	Minimum Grade	Notes
⚠ PHY 241: University Physics III AND PHY 202: Programming for Physicists	4	C	
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	7		

- Register for a [Handshake](#) account and participate in [virtual career advising](#).

Term 4 - B 51 - 60 Credit Hours Critical course signified by ⚠	Hours	Minimum Grade	Notes
⚠ PHY 201: Mathematical Methods in Physics I (CS)	3	C	
Complete 2 courses:	6		
Elective			
⚠ Maintain 2.50 GPA in Critical Tracking Courses.			
Term hours subtotal:	9		

Term 5 - A 60 - 69 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PHY 302: Mathematical Methods in Physics II	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Elective	3		
Term hours subtotal:	9		

- Research [career outlooks](#).

Term 5 - B 69 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PHY 314: Quantum Physics I	3	C	
★ PHY 334: Advanced Laboratory I (L)	3	C	
Term hours subtotal:	6		

Term 6 - A 75 - 81 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PHY 310: Classical Particles, Fields, and Matter I	3	C	
★ PHY 315: Quantum Physics II	3	C	
Term hours subtotal:	6		

- Develop your [professional online presence](#).

Term 6 - B 81 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PHY 311: Classical Particles, Fields, and Matter II	3	C	

Upper Division Science and Society Elective	3	C
Upper Division Elective OR PHY 484: Internship	3	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
Term hours subtotal:	9	

Term 7 - A 90 - 96 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PHY 441: Statistical and Thermal Physics	3	C	<ul style="list-style-type: none"> <li>• Create a <a href="#">resume</a></li> <li>• Complete a <a href="#">virtual practice interview</a></li> </ul>
Elective	3		
Term hours subtotal:	6		

Term 7 - B 96 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PHY 412: Classical Particles, Fields, and Matter III	3	C	
PHY 333: Electronic Circuits and Measurements OR PHY 465: Advanced Laboratory II	3	C	
Upper Division Elective	3		
Term hours subtotal:	9		

Term 8 - A 105 - 114 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PHY Upper Division Elective	3	C	<ul style="list-style-type: none"> <li>• <a href="#">Apply for graduation</a></li> <li>• <a href="#">Apply for full-time career opportunities</a></li> </ul>
Complete 2 courses:	6		
Elective			
Term hours subtotal:	9		

Term 8 - B 114 - 120 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses:	6		
Elective			
Term hours subtotal:	6		

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.








## 2023 - 2024 Major Map

### Political Science, BA

School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe](#)

LAPOSBA

Term 1 0 - 14 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 POS 110: American Government and Politics (SB) OR POS 150: Comparative Government (SB & G) or POS 160: Global Politics (SB & G)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required for all first-year students.</li> <li><b>ASU Language Placement:</b> Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.</li> <li>Activate your <b>Handshake</b> account and build out your profile.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
MAT 142: College Mathematics (MA)	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Term hours subtotal:	14		
Term 2 14 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 POS 110: American Government and Politics (SB) OR POS 150: Comparative Government (SB & G) or POS 160: Global Politics (SB & G)	3	C	<ul style="list-style-type: none"> <li>Join a <b>student club</b> or professional organization.</li> <li>Create a first draft <b>resume</b>.</li> <li><b>Related Area Courses:</b> Any course from the subjects in the list below will apply to the Related Area requirement.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Related Area Course	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		
Term 3 30 - 44 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 POS 210: Political Ideologies (SB)	3	C	<ul style="list-style-type: none"> <li>A <b>study abroad</b> experience enhances cross-cultural awareness and may expand career opportunities.</li> <li>Develop your <b>skills</b>.</li> </ul>
Related Area Course	3	C	

Second Language: Requirement satisfied through the following: 4 C  
 \* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.

Natural Science - Quantitative (SQ) 4

❗ Complete First-Year Composition requirement.

❗ Complete Mathematics (MA) requirement.

Term hours subtotal: 14

Term 4 44 - 60 Credit Hours Critical course signified by ❗	Hours	Minimum Grade	Notes
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❗ POS Elective

3 C

• Explore an **internship**.

Second Language: Requirement satisfied through the following:  
 \* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.

Computer/Statistics/Quantitative Applications (CS) 3

Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) 3

Literacy and Critical Inquiry (L) 3

Term hours subtotal: 16

Term 5 60 - 76 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ POS 301: Empirical Political Inquiry (SB) 3 C

POS Upper Division Elective 3 C

POS Elective 3 C

Natural Science - Quantitative (SQ) OR Natural Science - General (SG) 4

Upper Division Elective OR POS 484: Internship 3

Term hours subtotal: 16

• Thinking about graduate school? Consider registering for a grad school **test prep course**.  
 • Maximum of six hours of POS 484 and three hours of POS 499 (Individualized Instruction) may be applied toward the major.

Term 6 76 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ POS Upper Division Elective 3 C

Complete 2 courses:  
 Related Area Course 6 C

Upper Division Elective 3

Elective 2

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 14

• Complete an in person or virtual **practice interview**.

Term 7 90 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ POS Upper Division Elective 3 C

Upper Division Literacy and Critical Inquiry (L) 3

Complete 3 courses:  
 Upper Division Elective 9

Term hours subtotal: 15

• Gather **professional references**.

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ POS Upper Division Elective	3	C	• Apply for full-time career opportunities.
Complete 4 courses:			
Upper Division Elective	12		
Term hours subtotal:	15		

- Students must complete 12 credit hours in courses drawn from related areas. Any course beginning with one of the following subjects may be used.
- Maximum of six hours of POS 484 and three hours of POS 499 (Individualized Instruction) may be applied toward the major.

Hide Course List(s)/Track Group(s)

Related Area Course

AES OR AFR OR AIS OR APA OR ASB OR  
 ASM OR COM OR ECN OR FAS OR GCU  
 OR GPH OR HST OR JUS OR MIS OR PHI  
 OR PSY OR REL OR SGS OR SOC OR TCL  
 OR WST Elective

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.






## 2023 - 2024 Major Map

### Political Science, BA

School/College: [The College of Liberal Arts and Sciences](#)

Location: [Online ASU Local](#)

LAPOSBA

Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
<p>POS 110: American Government and Politics (SB) OR POS 150:  Comparative Government (SB &amp; G) or POS 160: Global Politics (SB &amp; G)</p>	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific First-Year Seminar is required for all first-year students.</li> <li><b>ASU Language Placement:</b> Only true beginners are eligible for 101-level courses. All other students are required to take a language placement exam, regardless of prior credit earned.</li> </ul>
ASU 101-LA: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Term hours subtotal:	7		
Term 1 - B 7 - 12 Credit Hours	Hours	Minimum Grade	Notes
<p>ENG 101 or ENG 102: First-Year Composition OR</p> <p>ENG 105: Advanced First-Year Composition OR</p> <p>ENG 107 or ENG 108: First-Year Composition</p>	3	C	<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> <li>Activate your <b>Handshake</b> account and build out your profile.</li> </ul>
Elective	2		
Term hours subtotal:	5		
Term 2 - A 12 - 19 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
<p>POS 110: American Government and Politics (SB) OR POS 150:  Comparative Government (SB &amp; G) or POS 160: Global Politics (SB &amp; G)</p>	3	C	<ul style="list-style-type: none"> <li><b>ASU Language Placement:</b> Only true beginners are eligible for 101-level courses. All other students are required to take a language placement exam, regardless of prior credit earned.</li> <li>Join a <b>student club</b> or professional organization.</li> </ul>
<p>Second Language: Requirement satisfied through the following:</p> <p>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV;</p> <p>* French, Italian, German, Spanish and Vietnamese are available online.</p>	4	C	
Term hours subtotal:	7		
Term 2 - B 19 - 26 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
<p>MAT 142: College Mathematics (MA)</p>	3	C	<ul style="list-style-type: none"> <li>Create a first draft <b>resume</b>.</li> </ul>
<p>Second Language: Requirement satisfied through the following:</p> <p>* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV;</p> <p>* French, Italian, German, Spanish and Vietnamese are available online.</p>	4	C	



❖ Complete ENG 101 OR ENG 105 OR ENG 107 course(s).

Term hours subtotal: 7

Term 3 - A 26 - 33 Credit Hours Critical course signified by ❖	Hours	Minimum Grade	Notes
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❖ POS 210: Political Ideologies (SB)	3	C	• Develop your <b>skills</b> .
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Second Language: Requirement satisfied through the following:

\* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV;

\* French, Italian, German, Spanish and Vietnamese are available online.

4	C
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Term hours subtotal: 7

Term 3 - B 33 - 40 Credit Hours Critical course signified by ❖	Hours	Minimum Grade	Notes
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Second Language: Requirement satisfied through the following:

\* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV;

\* French, Italian, German, Spanish and Vietnamese are available online.

4	C
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• A **study abroad** experience enhances cross-cultural awareness and may expand career opportunities.

Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)

3
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❖ Complete First-Year Composition requirement.

❖ Complete Mathematics (MA) requirement.

Term hours subtotal: 7

Term 4 - A 40 - 46 Credit Hours Critical course signified by ❖	Hours	Minimum Grade	Notes
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❖ POS Elective	3	C
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Computer/Statistics/Quantitative Applications (CS)	3
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Term hours subtotal: 6

Term 4 - B 46 - 53 Credit Hours	Hours	Minimum Grade	Notes
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Related Area Courses	3	C
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Natural Science - Quantitative (SQ)	4
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Term hours subtotal: 7

• Related Area Courses: Any course from the subjects in the list below will apply to the Related Area requirement.

• Explore an **internship**.

Term 5 - A 53 - 59 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ POS 301: Empirical Political Inquiry (SB)	3	C
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Humanities, Arts and Design (HU) AND Historical Awareness (H)	3
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Term hours subtotal: 6

Term 5 - B 59 - 65 Credit Hours	Hours	Minimum Grade	Notes
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Related Area Courses	3	C
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Literacy and Critical Inquiry (L)	3
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Term hours subtotal: 6

• Thinking about graduate school? Consider registering for a grad school **test prep course**.

Term 6 - A 65 - 72 Credit Hours	Hours	Minimum Grade	Notes
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POS Elective	3	C
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4	
Term hours subtotal:	7	

Term 6 - B 72 - 78 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
Related Area Courses	3	C	<ul style="list-style-type: none"> <li>Complete an in person or virtual practice interview.</li> </ul>
Upper Division Literacy and Critical Inquiry (L)	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 78 - 84 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ POS Upper Division Elective	3	C	<ul style="list-style-type: none"> <li>Maximum of six hours of POS 484 and three hours of POS 499 (Individualized Instruction) may be applied toward the major.</li> </ul>
Upper Division Elective	3		
Term hours subtotal:	6		

Term 7 - B 84 - 90 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	6		

Term 8 - A 90 - 96 Credit Hours	Hours	Minimum Grade	Notes
Related Area Courses	3	C	<ul style="list-style-type: none"> <li>Gather professional references.</li> </ul>
Upper Division Elective	3		
Term hours subtotal:	6		

Term 8 - B 96 - 102 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ POS Upper Division Elective	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		

Term 9 - A 102 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ POS Upper Division Elective	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		

Term 9 - B 108 - 114 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Elective	6		<ul style="list-style-type: none"> <li>Apply for full-time career opportunities</li> </ul>
Term hours subtotal:	6		

Term 10 - A 114 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ POS Upper Division Elective	3	C	

- Students must complete 12 credit hours in courses drawn from related areas. Any course beginning with one of the following subjects may be used.
- Maximum of six hours of POS 484 and three hours of POS 499 (Individualized Instruction) may be applied toward the major.

## Hide Course List(s)/Track Group(s)

## Related Area Courses

AFR OR APA OR ASB OR ASM OR COM  
OR ECN OR FAS OR GCU OR GPH OR  
HST OR JUS OR PHI OR PSY OR REL OR  
SGS OR SOC OR WST Elective

## Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

## General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.








## 2023 - 2024 Major Map

### Political Science, BS

School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe](#)

LAPOSBS

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 POS 110: American Government and Politics (SB) OR POS 150: Comparative Government (SB & G) or POS 160: Global Politics (SB & G)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required for all first-year students.</li> <li>Related Area Courses: Any course from the subjects in the list below will apply to the Related Area requirement.</li> <li>Activate your <a href="#">Handshake account</a> and build out your profile.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
MAT 142: College Mathematics (MA)	3	C	
Related Area Course	3	C	
Elective	3		
Term hours subtotal:	16		
Term 2 16 - 31 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 POS 110: American Government and Politics (SB) OR POS 150: Comparative Government (SB & G) or POS 160: Global Politics (SB & G)	3	C	<ul style="list-style-type: none"> <li>Join a <a href="#">student club</a> or professional organization.</li> <li>Create a first draft <a href="#">resume</a>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Related Area Course	3	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Elective	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		
Term 3 31 - 47 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 POS 210: Political Ideologies (SB)	3	C	<ul style="list-style-type: none"> <li>A <a href="#">study abroad</a> experience enhances cross-cultural awareness and may expand career opportunities.</li> <li>Develop your <a href="#">skills</a>.</li> </ul>
Related Area Course	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Natural Science - Quantitative (SQ)	4		
Elective	3		

🚩 Complete First-Year Composition requirement.

🚩 Complete Mathematics (MA) requirement.

Term hours subtotal: 16

Term 4 47 - 63 Credit Hours <b>Critical course signified by</b> 🚩	Hours	Minimum Grade	Notes
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Complete 2 courses:

POS Elective

6

C

• Explore an **internship**.

Literacy and Critical Inquiry (L)

3

Natural Science - Quantitative (SQ) OR Natural Science - General (SG)

4

Elective

3

🚩 Complete Natural Science - Quantitative (SQ) course.

Term hours subtotal: 16

Term 5 63 - 78 Credit Hours <b>Necessary course signified by</b> ⭐	Hours	Minimum Grade	Notes
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⭐ POS 301: Empirical Political Inquiry (SB)

3

C

Related Area Course

3

C

Science and Society Elective

3

C

POS Upper Division Elective

3

C

Elective

3

Term hours subtotal: 15

• Maximum of six hours of POS 484 and three hours of POS 499 (Individualized Instruction) may be applied toward the major.  
• The Science and Society course list and more information about the requirement can be found [here](#).  
• Thinking about graduate school? Consider registering for a grad school **test prep course**.

Term 6 78 - 93 Credit Hours <b>Necessary course signified by</b> ⭐	Hours	Minimum Grade	Notes
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⭐ POS 401: Political Statistics (CS)

3

C

Complete 2 courses:

POS Upper Division Elective

6

C

Upper Division Science and Society Elective

3

C

Upper Division Elective OR POS 484: Internship

3

⭐ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 15

• Complete an in person or virtual **practice interview**.

Term 7 93 - 108 Credit Hours <b>Necessary course signified by</b> ⭐	Hours	Minimum Grade	Notes
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⭐ POS Upper Division Elective

3

C

Upper Division Literacy and Critical Inquiry (L)

3

Complete 2 courses:

Upper Division Elective

6

Elective

3

Term hours subtotal: 15

• Gather **professional references**.

Term 8 108 - 120 Credit Hours <b>Necessary course signified by</b> ⭐	Hours	Minimum Grade	Notes
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⭐ POS Upper Division Elective

3

C

Complete 3 courses:

Upper Division Elective

9

Term hours subtotal: 12

• Apply for **full-time career opportunities**.

- Students must complete 12 credit hours in courses drawn from related areas. Any course beginning with one of the following subjects may be used.
- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.
- Maximum of six hours of POS 484 and three hours of POS 499 (Individualized Instruction) may be applied toward the major.

#### Hide Course List(s)/Track Group(s)

##### Related Area Course

AES OR AFR OR AIS OR APA OR ASB OR  
 ASM OR COM OR ECN OR FAS OR GCU  
 OR GPH OR HST OR JUS OR MIS OR PHI  
 OR PSY OR REL OR SGS OR SOC OR TCL  
 OR WST Elective

#### Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

#### General University Requirements Legend

##### General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

#### General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

## First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.







## 2023 - 2024 Major Map

### Political Science, BS

School/College: [The College of Liberal Arts and Sciences](#)




Location: [Online ASU Local](#)

LAPOSBS



Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
<ul style="list-style-type: none"> <li>POS 110: American Government and Politics (SB) OR POS 150: Comparative Government (SB &amp; G) or POS 160: Global Politics (SB &amp; G)</li> </ul>	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> </ul>
ASU 101-LA: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		
Term 1 - B 7 - 13 Credit Hours	Hours	Minimum Grade	Notes
MAT 142: College Mathematics (MA)	3	C	<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> <li>Activate your <a href="#">Handshake</a> account and build out your profile.</li> </ul>
Elective	3		
Term hours subtotal:	6		
Term 2 - A 13 - 19 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
<ul style="list-style-type: none"> <li>POS 110: American Government and Politics (SB) OR POS 150: Comparative Government (SB &amp; G) or POS 160: Global Politics (SB &amp; G)</li> </ul>	3	C	<ul style="list-style-type: none"> <li>Join a <a href="#">student club</a> or professional organization.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	6		
Term 2 - B 19 - 25 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		<ul style="list-style-type: none"> <li>Create a first draft <a href="#">resume</a>.</li> </ul>
Elective	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	6		
Term 3 - A 25 - 31 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 POS 210: Political Ideologies (SB)	3	C	<ul style="list-style-type: none"> <li>Develop your <a href="#">skills</a>.</li> </ul>





Elective	3
Term hours subtotal:	6



Term 3 - B 31 - 38 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
POS Elective	3	C	<ul style="list-style-type: none"> <li>A <b>study abroad</b> experience enhances cross-cultural awareness and may expand career opportunities.</li> </ul>
Natural Science - Quantitative (SQ)	4		
 Complete First-Year Composition requirement.			
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	7		


Term 4 - A 38 - 44 Credit Hours	Hours	Minimum Grade	Notes
Science and Society Elective	3	C	<ul style="list-style-type: none"> <li>The Science and Society course list and more information about the requirement can be found <a href="#">here</a>.</li> </ul>
POS Elective	3	C	
Term hours subtotal:	6		

Term 4 - B 44 - 51 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		<ul style="list-style-type: none"> <li>Explore <b>an internship</b>.</li> </ul>
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
 Complete Natural Science - Quantitative (SQ) course.			
Term hours subtotal:	7		

Term 5 - A 51 - 57 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 POS 301: Empirical Political Inquiry (SB)	3	C	<ul style="list-style-type: none"> <li>Maximum of six hours of POS 484 and three hours of POS 499 (Individualized Instruction) may be applied toward the major.</li> </ul>
POS Upper Division Elective	3	C	
Term hours subtotal:	6		

Term 5 - B 57 - 63 Credit Hours	Hours	Minimum Grade	Notes
Literacy and Critical Inquiry (L)	3		<ul style="list-style-type: none"> <li>Thinking about graduate school? Consider registering for a grad school test <b>prep course</b>.</li> </ul>
Upper Division Elective	3		
Term hours subtotal:	6		

Term 6 - A 63 - 69 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 POS 401: Political Statistics (CS)	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		

Term 6 - B 69 - 75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
Upper Division Science and Society Elective	3	C	<ul style="list-style-type: none"> <li>Complete an in person or virtual <b>practice interview</b>.</li> </ul>
POS Upper Division Elective	3	C	
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			

Term hours subtotal: 6

Term 7 - A 75 - 81 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ POS Upper Division Elective	3	C	
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Elective	3		
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Term hours subtotal: 6

Term 7 - B 81 - 87 Credit Hours	Hours	Minimum Grade	Notes
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Upper Division Literacy and Critical Inquiry (L)	3		
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Upper Division Elective	3		
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Term hours subtotal: 6

Term 8 - A 87 - 93 Credit Hours	Hours	Minimum Grade	Notes
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Complete 2 courses:

Related Area Courses	6	C	
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Term hours subtotal: 6

- Related Area Courses: Any course from the subjects in the list below will apply to the Related Area requirement.

Term 8 - B 93 - 99 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ POS Upper Division Elective	3	C	
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Elective	3		
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Term hours subtotal: 6

- Gather professional references.

Term 9 - A 99 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ Complete 2 courses:

Related Area Courses	6	C	
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Term hours subtotal: 6

Term 9 - B 105 - 111 Credit Hours	Hours	Minimum Grade	Notes
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Complete 2 courses:

Upper Division Elective	6		
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Term hours subtotal: 6

Term 10 - A 111 - 117 Credit Hours	Hours	Minimum Grade	Notes
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Upper Division Elective	3		
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Elective	3		
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Term hours subtotal: 6

- Apply for full-time career opportunities.

Term 10 - B 117 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ POS Upper Division Elective	3	C	
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Term hours subtotal: 3

- Students must complete 12 credit hours in courses drawn from related areas. Any course beginning with one of the following subjects may be used.

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.
- Maximum of six hours of POS 484 and three hours of POS 499 (Individualized Instruction) may be applied toward the major.

Hide Course List(s)/Track Group(s)

Related Area Courses

AFR OR APA OR ASB OR ASM OR COM  
OR ECN OR FAS OR GCU OR GPH OR  
HST OR JUS OR PHI OR PSY OR REL OR  
SGS OR SOC OR WST Elective

Notes:

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

## 2023 - 2024 Major Map

### Politics and the Economy, BS

School/College: The College of Liberal Arts and Sciences

Location: Tempe

LAPECBS

Term 1 0 - 16 Credit Hours Critical course signified by ⚠	Hours	Minimum Grade	Notes
POS 110: American Government and Politics (SB) OR POS 150: ⚠ Comparative Government (SB & G) or POS 160: Global Politics (SB & G)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific First-Year Seminar is required of all first-year students.</li> <li>Students placing into MAT 210 or MAT 270 should take one of those courses in Term 1. If not, students should select a prerequisite course. Students should not take MAT 142.</li> <li>Students considering graduate work in economics should choose MAT 270 or a prerequisite course.</li> <li>Students can choose to complete Humanities (HU) and Historical Awareness (H) separately.</li> <li>Select your <a href="#">Career Interest Communities</a> and play <a href="#">me3@ASU</a>.</li> </ul>
⚠ Mathematics (MA)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Elective	3		
Term hours subtotal:	16		
Term 2 16 - 32 Credit Hours Critical course signified by ⚠	Hours	Minimum Grade	Notes
⚠ MAT 210: Brief Calculus (MA)	3	C	<ul style="list-style-type: none"> <li>Students considering graduate work in economics should select MAT 270 instead of MAT 210.</li> <li>Create a first draft <a href="#">resume</a>.</li> </ul>
POS 110: American Government and Politics (SB) OR POS 150: ⚠ Comparative Government (SB & G) or POS 160: Global Politics (SB & G)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Natural Science - Quantitative (SQ)	4		
Elective	3		
⚠ Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		
Term 3 32 - 48 Credit Hours Critical course signified by ⚠	Hours	Minimum Grade	Notes
⚠ ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB)	3	C	<ul style="list-style-type: none"> <li>Students considering graduate work in economics should select MAT 271 instead of MAT 211.</li> </ul>
⚠ MAT 211: Mathematics for Business Analysis	3	C	

Literacy and Critical Inquiry (L)	3
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4
Elective	3
❖ Complete First-Year Composition requirement.	
Complete Mathematics (MA) requirement.	
Term hours subtotal:	16

- Develop your **skills**.

Term 4 48 - 63 Credit Hours Critical course signified by ❖	Hours	Minimum Grade	Notes
❖ ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB)	3	C	<ul style="list-style-type: none"> <li>• Students can choose to satisfy Humanities (HU) and Cultural Diversity in the U.S. (C) requirements separately.</li> <li>• The Science and Society course list and more information about the requirement can be found <a href="#">here</a>.</li> <li>• Explore an <b>internship</b>.</li> </ul>
❖ POS 210: Political Ideologies (SB)	3	C	
Science and Society Elective	3	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Elective	3		
Term hours subtotal:	15		

Term 5 63 - 78 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ECN 312: Intermediate Microeconomic Theory (SB)	3	C	<ul style="list-style-type: none"> <li>• Thinking about graduate school? Consider registering for a grad school <b>test prep course</b>.</li> </ul>
★ POS 301: Empirical Political Inquiry (SB)	3	C	
★ POS 465: International Organization and Law (SB & G) OR POS 485: Political Economy (SB) OR POS 486: International Political Economy (SB & G)	3	C	
Upper Division Science and Society Elective	3	C	
Elective	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ECN 313: Intermediate Macroeconomic Theory (SB)	3	C	<ul style="list-style-type: none"> <li>• Use Handshake to research <b>employment opportunities</b>.</li> </ul>
★ ECN 441: Public Economics (SB) OR ECN 453: Industrial Organization and Competition Policy	3	C	
★ POS 465: International Organization and Law (SB & G) OR POS 485: Political Economy (SB) OR POS 486: International Political Economy (SB & G)	3	C	
ECN 221: Business Statistics (CS) OR POS 401: Political Statistics (CS)	3	C	
Upper Division Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ECN 441: Public Economics (SB) OR ECN 453: Industrial Organization and Competition Policy	3	C	<ul style="list-style-type: none"> <li>• Gather <b>professional references</b>.</li> </ul>
★ POS 465: International Organization and Law (SB & G) OR POS 485: Political Economy (SB) OR POS 486: International Political Economy (SB & G)	3	C	

Upper Division Elective OR POS 484: Internship OR ECN 484: Internship	3
.....	
Complete 2 courses: Elective	6
.....	
Term hours subtotal:	15

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ECN 475: Capstone in Economics (L) OR POS 348: Do You Want to Build a Nation? (L)	3	C	• Apply for full-time career opportunities.
.....			
Complete 3 courses: Upper Division Elective	9		
.....			
Term hours subtotal:	12		

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

## First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.





## 2023 - 2024 Major Map




### Psychology, BA


School/College: The College of Liberal Arts and Sciences

Location: Tempe

LAPGSBA

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>• Students who place into MAT 119 or MAT 170 should take the course in Term 1 to complete the MA requirement.</li> <li>• The decision between MAT 119 and MAT 170 should be determined based on academic and career goals. Consult with your academic advisor for more information.</li> <li>• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. LIA 101 offered by The College of Liberal Arts and Sciences satisfies this requirement.</li> <li>• Foundation of Behavior: Before graduation, students must complete at least 12 credit hours of coursework from disciplines related to psychology. Select courses from ASB, ASM, BIO, GCU, HPS, PHI, SOC.</li> <li>• Select your <b>career interest area</b> and play <a href="https://me3.asu.edu">me3@ASU</a>.</li> </ul>
 LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
 PSY 101: Introduction to Psychology (SB)	3	C	
Foundations of Behavior	3	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Mathematics (MA)	3	C	
Term hours subtotal:	16		

Term 2 16 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>• MAT 119 or MAT 170 may require prerequisites which should be completed in Term 1.</li> <li>• Join a <b>student club</b> or professional organization.</li> <li>• Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> </ul>
 MAT 119: Finite Mathematics (MA) OR MAT 170: Precalculus (MA)	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Natural Science - Quantitative (SQ)	4		
Elective	1		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	14		

Term 3 30 - 46 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
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❖ PSY 230: Introduction to Statistics (CS)	3	C
Foundations of Behavior	3	C
Second Language: Requirement satisfied through the following:		
* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3	
Elective	3	
Complete First-Year Composition requirement.		
Complete Mathematics (MA) requirement.		
Term hours subtotal:	16	

- Languages offered at ASU
- ASU Language Placement and Testing: Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.
- Explore an **internship**.
- Pursue **research opportunities**.

Term 4 46 - 60 Credit Hours <b>Critical course signified by</b> ❖	Hours	Minimum Grade	Notes
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❖ PSY 290: Research Methods (L or SG)	4	C
Foundations of Behavior	3	C
Second Language: Requirement satisfied through the following:		
* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C
PSY Elective	3	C
Term hours subtotal:	14	

- PSY Elective: Before graduation, students must complete three additional PSY courses (nine credit hours). At least two courses must be upper division. No more than three credit hours of PSY 394 may be used to fulfill the nine credit hours of PSY electives. No more than six hours (total) from the following course list may be used to fulfill this requirement: PSY 384, PSY 399, PSY 484, PSY 492, PSY 493, PSY 499.

Term 5 60 - 77 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
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★ Complete 2 courses: 3** Breadth Within Psychology	6	C
Second Language: Requirement satisfied through the following:		
* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4	
Upper Division Elective	3	
Term hours subtotal:	17	

- Breadth Within Psychology: Before graduation, students must complete one course from four of the five Breadth course lists below (four courses total): Biological, Personality/Mental Health, Cognitive/Learning, Developmental, or Social.
- The College of Liberal Arts and Sciences' Psychology Residency Requirement: Before graduation, at least 12 credit hours of upper-division (300 and 400 level) PSY coursework must be completed through courses offered by The College of Liberal Arts and Sciences - Department of Psychology.

Term 6 77 - 90 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
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★ Complete 2 courses: 3** Breadth Within Psychology	6	C
Foundations of Behavior	3	C
Second Language: Requirement satisfied through the following:		
* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
Term hours subtotal:	13	

- Use Handshake to research **employment opportunities**
- Draft a **resume**.
- Gather **professional references**.

Term 7 90 - 105 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
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★ 4** Depth Within Psychology	3	C
PSY Upper Division Elective	3	C
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3	
Upper Division Literacy and Critical Inquiry (L)	3	
Upper Division Elective OR PSY 484: Internship	3	
Term hours subtotal:	15	

- Depth Within Psychology: Students must complete two courses from the course list below. **Note:** PSY 498: Pro-Seminar must be offered by The College of Liberal Arts and Sciences -- Department of Psychology.
- PSY Upper Division Elective: Students must complete three additional PSY courses (nine credit hours). At least two courses must be upper division. No more than three credit hours of PSY 394 may be used to fulfill the nine credit hours of PSY electives. No more than six hours (total) from the following course list may be used to fulfill this requirement: PSY 384, PSY 399, PSY 484, PSY 492, PSY 493, PSY 499.
- Apply for [graduate](#) school.

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ 4** Depth Within Psychology	3	C	• Apply for full-time <a href="#">career opportunities</a> .
PSY Upper Division Elective	3	C	
Complete 3 courses:	9		
Upper Division Elective			
Term hours subtotal:	15		

- PSY 498: Pro-Seminar must be offered by The College of Liberal Arts and Sciences -- Department of Psychology.

Hide Course List(s)/Track Group(s)

Foundations of Behavior (12 credit hours from the following options)	Biological Breadth	Personality/Mental Health Breadth
ASB Elective	NEU 325: Biopsychology	PSY 315: Personality Theory and Research (SB)
ASM Elective	PSY 325: Physiological Psychology	PSY 366: Psychological Disorders (SB)
BIO Elective		
GCU Elective		
HPS Elective		
PHI Elective		
SOC Elective		
Cognitive/Learning Breadth	Developmental Breadth	Social Breadth
PSY 320: Learning and Motivation	PSY 341: Developmental Psychology (SB)	PSY 350: Social Psychology (SB)
PSY 323: Sensation and Perception		PSY 351: Honors Social Psychology (L or SB)
PSY 324: Memory and Cognition		
NEU 394: Neuroscience of Learning and Motivation		
NEU 394: Neuroscience of Perception		

#### 400-Level Depth Within Psychology

NEU 494: Biotechnology Viruses as Tools

NEU 494: Brain and Emotion

NEU 494: Cognitive Neuroscience of Memory

NEU 494: Data Analysis in Neuroscience

NEU 494: Neural Basis of Learning and Memory

NEU 494: Neuropharmacology of Psychiatric Medications

NEU 494: Visual Cognitive Neuroscience

PSY 400: Topics in Neuroscience

PSY 414: History of Psychology (L or SB)

PSY 420: Analysis of Behavior (L)

PSY 424: Genetic Psychology (L)

PSY 425: Biological Bases of Behavior (L)

PSY 426: Neuroanatomy

PSY 430: Industrial Psychology

PSY 432: Embodied Cognition (L)

PSY 434: Cognitive Psychology (L)

PSY 437: Human Factors (L)

PSY 441: Cognitive Development (L or SB)

PSY 443: Child and Adolescent Psychological Disorders (L or SB)

PSY 444: Adolescent Psychology and Psychopathology

PSY 446: Social Development (L or SB)

PSY 447: Psychology of Aging (SB)

PSY 451: Stereotyping, Prejudice, and Discrimination (L)

PSY 458: Group Dynamics

PSY 461: Interpersonal Influence (SB)

PSY 462: Health Psychology

PSY 465: Psychology of Stress and Coping

PSY 468: Psychology and Law

PSY 470: Psychopharmacology

PSY 471: Psychological Testing

PSY 472: Clinical Psychology

PSY 498: Pro-Seminar

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**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.





## 2023 - 2024 Major Map




### Psychology, BS



School/College: The College of Liberal Arts and Sciences

Location: Tempe

LAPGSBS

Term 1 0 - 15 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>• Students who place into MAT 119 or MAT 170 should take the course in Term 1 to complete the MA requirement.</li> <li>• The decision between MAT 119 and MAT 170 should be determined based on academic and career goals. Consult with your academic advisor for more information.</li> <li>• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. LIA 101 offered by The College of Liberal Arts and Sciences fulfills this requirement.</li> <li>• Select your <b>Career Interest Communities</b> and play <b>me3@ASU</b>.</li> <li>• Join a <b>student club</b> or professional organization.</li> </ul>
 LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
 PSY 101: Introduction to Psychology (SB)	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Mathematics (MA)	3	C	
Elective	2		
Term hours subtotal:	15		

Term 2 15 - 31 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>• MAT 119 or MAT 170 may require prerequisites which should be completed in Term 1.</li> <li>• Foundation of Behavior: Before graduation, students must complete at least 12 credit hours of coursework from disciplines related to psychology. Select courses from: ASB, ASM, BIO, GCU, HPS, PHI, SOC.</li> <li>• Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> </ul>
 MAT 119: Finite Mathematics (MA) OR MAT 170: Precalculus (MA)	3	C	
Foundations of Behavior	3	C	
Natural Science - Quantitative (SQ)	4		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 31 - 47 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 PSY 230: Introduction to Statistics (CS)	3	C	<ul style="list-style-type: none"> <li>• Explore an <b>internship</b>.</li> <li>• Pursue <b>research opportunities</b>.</li> </ul>
Foundations of Behavior	3	C	

Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4
Elective	3
Complete First-Year Composition requirement.	
Complete Mathematics (MA) requirement.	
Term hours subtotal:	16

Term 4 47 - 60 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
⚠ PSY 290: Research Methods (L or SG)	4	C	<ul style="list-style-type: none"> <li>All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <a href="https://thecollege.asu.edu/resources/science-society">https://thecollege.asu.edu/resources/science-society</a>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.</li> <li>PSY Elective: Before graduation, students must complete three additional PSY elective courses (nine credit hours). At least two courses must be upper division. No more than three credit hours of PSY 394 may be used to fulfill the nine credit hours of PSY electives. No more than six hours (total) from the following course list may be used to fulfill this requirement: PSY 384, PSY 399, PSY 484, PSY 492, PSY 493, PSY 499.</li> </ul>
Foundations of Behavior	3	C	
Science and Society Elective	3	C	
PSY Elective	3	C	
Term hours subtotal:	13		

Term 5 60 - 75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Complete 2 courses: 3** Breadth Within Psychology	6	C	<ul style="list-style-type: none"> <li>Breadth Within Psychology: Before graduation, students must complete one course from four of the five Breadth course lists below (four courses total): Biological, Personality/Mental Health, Cognitive/Learning, Developmental, or Social.</li> <li>The College of Liberal Arts and Sciences' Psychology Residency Requirement: Before graduation, at least 12 credit hours of upper-division (300 and 400 level) PSY coursework must be completed through courses offered by The College of Liberal Arts and Sciences - Department of Psychology.</li> </ul>
Upper Division Science and Society Elective	3	C	
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Elective	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Complete 2 courses: 3** Breadth Within Psychology	6	C	<ul style="list-style-type: none"> <li>Use Handshake to research <b>employment opportunities</b></li> <li>Draft a <b>resume</b></li> <li>Gather <b>professional references</b></li> <li>PSY Upper Division Elective: Before graduation, students must complete three additional PSY courses (nine credit hours). At</li> </ul>
Foundations of Behavior	3	C	
PSY Upper Division Elective	3	C	
Elective	3		

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 15

least two courses must be upper division. No more than three credit hours of PSY 394 may be used to fulfill the nine credit hours of PSY electives. No more than six hours (total) from the following course list may be used to fulfill this requirement: PSY 384, PSY 399, PSY 484, PSY 492, PSY 493, PSY 499.

Term 7 90 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ 4** Depth Within Psychology	3	C	<ul style="list-style-type: none"> <li>Depth Within Psychology: Before graduation, students must complete two courses from the course list below. <b>Note:</b> PSY 498 Pro-Seminar must be offered by The College of Liberal Arts and Sciences - Department of Psychology.</li> <li>Apply for <b>graduate</b> school.</li> </ul>
PSY Upper Division Elective	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Upper Division Social-Behavioral Sciences (SB) OR Upper Division Humanities, Arts and Design (HU)	3		
Elective OR PSY 484: Internship	3		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ 4** Depth Within Psychology	3	C	<ul style="list-style-type: none"> <li>Apply for full-time <b>career opportunities</b>.</li> </ul>
Complete 4 courses: Upper Division Elective	12		
Term hours subtotal:	15		

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.
  - PSY 498: Pro-Seminar must be offered by The College of Liberal Arts and Sciences -- Department of Psychology.

Hide Course List(s)/Track Group(s)

Foundations of Behavior (12 credit hours from the following options)	Biological Breadth	Personality/Mental Health Breadth
ASB Elective	NEU 325: Biopsychology	PSY 315: Personality Theory and Research (SB)
ASM Elective	PSY 325: Physiological Psychology	PSY 366: Psychological Disorders (SB)
BIO Elective		
GCU Elective		
HPS Elective		
PHI Elective		
SOC Elective		
Cognitive/Learning Breadth	Developmental Breadth	Social Breadth

NEU 394: Neuroscience of Learning and Motivation	PSY 341: Developmental Psychology (SB)	PSY 350: Social Psychology (SB)
NEU 394: Neuroscience of Perception		PSY 351: Honors Social Psychology (L or SB)
PSY 320: Learning and Motivation		
PSY 323: Sensation and Perception		
PSY 324: Memory and Cognition		
400-Level Depth Within Psychology		
NEU 494: Biotechnology Viruses as Tools		
NEU 494: Brain and Emotion		
NEU 494: Cognitive Neuroscience of Memory		
NEU 494: Data Analysis in Neuroscience		
NEU 494: Neural Basis of Learning and Memory		
NEU 494: Neuropharmacology of Psychiatric Medications		
NEU 494: Visual Cognitive Neuroscience		
PSY 400: Topics in Neuroscience		
PSY 414: History of Psychology (L or SB)		
PSY 420: Analysis of Behavior (L)		
PSY 424: Genetic Psychology (L)		
PSY 425: Biological Bases of Behavior (L)		
PSY 426: Neuroanatomy		
PSY 430: Industrial Psychology		
PSY 432: Embodied Cognition (L)		
PSY 434: Cognitive Psychology (L)		
PSY 437: Human Factors (L)		
PSY 441: Cognitive Development (L or SB)		
PSY 443: Child and Adolescent Psychological Disorders (L or SB)		
PSY 444: Adolescent Psychology and Psychopathology		
PSY 446: Social Development (L or SB)		
PSY 447: Psychology of Aging (SB)		
PSY 451: Stereotyping, Prejudice, and Discrimination (L)		
PSY 458: Group Dynamics		
PSY 461: Interpersonal Influence (SB)		
PSY 462: Health Psychology		



PSY 465: Psychology of Stress and Coping

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PSY 468: Psychology and Law

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PSY 470: Psychopharmacology

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PSY 471: Psychological Testing

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PSY 472: Clinical Psychology

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PSY 498: Pro-Seminar

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**Notes:**

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.





## 2023 - 2024 Major Map




### Psychology (Psychological Science), BS



School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe](#)

LAPGSPSBS

Term 1 0 - 14 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>• Students who place into MAT 119 or MAT 170 should take the course in Term 1 to complete the MA requirement.</li> <li>• The decision between MAT 119 and MAT 170 should be determined based on academic and career goals. Consult with your academic advisor for more information.</li> <li>• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. LIA 101 offered by The College of Liberal Arts and Sciences fulfills this requirement.</li> <li>• Select your <b>Career Interest Communities</b> and play <b>me3@ASU</b>.</li> <li>• Join a <b>student club</b> or professional organization.</li> </ul>
 LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
 PSY 101: Introduction to Psychology (SB)	3	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Mathematics (MA)	3	C	
Elective	1		
Term hours subtotal:	14		

Term 2 14 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>• MAT 119 or MAT 170 may require prerequisites which should be completed in Term 1.</li> <li>• Foundation of Behavior: Before graduation, students must complete at least 12 credit hours of coursework from disciplines related to psychology. Select courses from: ASB, ASM, BIO, GCU, HPS, PHI, SOC. Students must complete at least six credit hours from within a single department and subject code.</li> <li>• Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> </ul>
 MAT 119: Finite Mathematics (MA) OR MAT 170: Precalculus (MA)	3	C	
Foundations of Behavior	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Natural Science - Quantitative (SQ)	4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 30 - 44 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 PSY 230: Introduction to Statistics (CS)	3	C	<ul style="list-style-type: none"> <li>• Explore an <b>internship</b>.</li> <li>• Pursue <b>research opportunities</b>.</li> </ul>
Foundations of Behavior	3	C	

Natural Science - Quantitative (SQ) OR Natural Science - General (SG) 4

Elective 4

Complete First-Year Composition requirement.

Complete Mathematics (MA) requirement.

Term hours subtotal: 14

**Term 4 44 - 60 Credit Hours** **Critical course signified by** 

	Hours	Minimum Grade	Notes
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 PSY 290: Research Methods (L or SG) 4 C

Complete 2 courses:

Foundations of Behavior 6 C


Science and Society Elective 3 C

Elective 3

Minimum 3.00 GPA ASU Cumulative.

Term hours subtotal: 16

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/student-resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

**Term 5 60 - 75 Credit Hours** **Necessary course signified by** 

	Hours	Minimum Grade	Notes
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 Complete 2 courses:

3\*\* Breadth Within Psychology Course 6 C

PSY 399: Supervised Research 3 Y

Upper Division Science and Society Elective 3 C

Social-Behavioral Sciences (SB) AND Global Awareness (G) 3

Minimum 3.00 GPA ASU Cumulative.

Term hours subtotal: 15

- Research Experience: Before graduating, students must complete at least six credit hours of Research Experience (PSY 399, PSY 499, PSY 492, or PSY 493)
- Breadth Within Psychology: Before graduation, students must complete one course from four of the five Breadth course lists below (four courses total): Biological, Personality/Mental Health, Cognitive/Learning, Developmental, or Social.
- The College of Liberal Arts and Sciences' Psychology Residency Requirement: Before graduation, at least 12 credit hours of upper-division (300 and 400 level) PSY coursework must be completed through courses offered by The College of Liberal Arts and Sciences - Department of Psychology.

**Term 6 75 - 90 Credit Hours** **Necessary course signified by** 

	Hours	Minimum Grade	Notes
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 Complete 2 courses:

3\*\* Breadth Within Psychology Course 6 C

PSY 330: Statistical Methods (CS) 3 C

PSY 399: Supervised Research OR PSY 492: Honors Directed Study OR PSY 493: Honors Thesis (L) OR PSY 499: Individualized Instruction 3 Y


Upper Division Social-Behavioral Sciences (SB) OR Upper Division Humanities, Arts and Design (HU) 3

 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Minimum 3.00 GPA ASU Cumulative.

Term hours subtotal: 15

- Use Handshake to research **employment opportunities**
- Draft a **resume**
- Gather **professional references**

**Term 7 90 - 105 Credit Hours** **Necessary course signified by** 

	Hours	Minimum Grade	Notes
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★ 4** Depth Within Psychology Course	3	C
Upper Division Literacy and Critical Inquiry (L)	3	
Upper Division Elective OR PSY 484: Internship	3	
Complete 2 courses:		
Elective	6	
Minimum 3.00 GPA ASU Cumulative.		
Term hours subtotal:	15	

- 400-Level Depth Within Psychology: Before graduation, students must complete two courses from the course list below. **Note:** PSY 498 Pro-Seminar must be offered by The College of Liberal Arts and Sciences - Department of Psychology.
- Apply for **graduate school**.

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ 4** Depth Within Psychology Course	3	C
Complete 2 courses:		
Upper Division Elective	6	
Complete 2 courses:		
Elective	6	
Minimum 3.00 GPA ASU Cumulative.		
Term hours subtotal:	15	

- Apply for full-time **career opportunities**.

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.
- Students in this major must complete at least six credit hours of their Foundations of Behavior within a single department and subject code.
- Students cannot declare this major as first-year students.
- Students must have a minimum ASU cumulative GPA of 3.00 to be accepted into this major, and students must maintain a minimum ASU cumulative GPA of 3.00 to remain in the major.
- PSY 498: Pro-Seminar must be offered by The College of Liberal Arts and Sciences -- Department of Psychology.

Hide Course List(s)/Track Group(s)

Foundations of Behavior (12 credit hours from the following options. At least 6 hours must be from one subject.)	Biological Breadth	Personality/Mental Health Breadth
	NEU 325: Biopsychology	PSY 315: Personality Theory and Research (SB)
	PSY 325: Physiological Psychology	PSY 366: Psychological Disorders (SB)
	ASB Elective	
	ASM Elective	
	BIO Elective	
	GCU Elective	
	HPS Elective	
PHI Elective		
SOC Elective		
Cognitive/Learning Breadth	Developmental Breadth	Social Breadth

PSY 320: Learning and Motivation	PSY 341: Developmental Psychology (SB)	PSY 350: Social Psychology (SB)
PSY 323: Sensation and Perception		PSY 351: Honors Social Psychology (L or SB)
PSY 324: Memory and Cognition		
NEU 394: Neuroscience of Learning and Motivation		
NEU 394: Neuroscience of Perception		
400-Level Depth Within Psychology		
NEU 494: Biotechnology Viruses as Tools		
NEU 494: Brain and Emotion		
NEU 494: Cognitive Neuroscience of Memory		
NEU 494: Data Analysis in Neuroscience		
NEU 494: Neural Basis of Learning and Memory		
NEU 494: Neuropharmacology of Psychiatric Medications		
NEU 494: Visual Cognitive Neuroscience		
PSY 400: Topics in Neuroscience		
PSY 414: History of Psychology (L or SB)		
PSY 420: Analysis of Behavior (L)		
PSY 424: Genetic Psychology (L)		
PSY 425: Biological Bases of Behavior (L)		
PSY 426: Neuroanatomy		
PSY 430: Industrial Psychology		
PSY 432: Embodied Cognition (L)		
PSY 434: Cognitive Psychology (L)		
PSY 437: Human Factors (L)		
PSY 441: Cognitive Development (L or SB)		
PSY 443: Child and Adolescent Psychological Disorders (L or SB)		
PSY 444: Adolescent Psychology and Psychopathology		
PSY 446: Social Development (L or SB)		
PSY 447: Psychology of Aging (SB)		
PSY 451: Stereotyping, Prejudice, and Discrimination (L)		
PSY 458: Group Dynamics		
PSY 461: Interpersonal Influence (SB)		
PSY 462: Health Psychology		

PSY 465: Psychology of Stress and Coping

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PSY 468: Psychology and Law

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PSY 470: Psychopharmacology

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PSY 471: Psychological Testing

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PSY 472: Clinical Psychology

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PSY 498: Pro-Seminar

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**Notes:**

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
  - Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

## 2023 - 2024 Major Map






### Religious Studies (Religion, Culture and Public Life), BA

School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe](#)

LARELCPBA

Accelerated options for this program are not currently available to ASU Online students.

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 REL 101: Religion, Culture and Public Life (HU & G)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students</li> <li><b>ASU Language Placement and Testing:</b> Only true beginners are eligible for 101-level second language courses. All other students are required to take a placement exam, regardless of prior credit earned, to verify the course level is appropriate. Students already proficient in a second language may take a proficiency exam.</li> <li>Select your <b>Career Interest Communities</b> and play <a href="mailto:me3@asu.edu">me3@ASU</a>.</li> </ul>
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
MAT 142: College Mathematics (MA)	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Elective	2		
Maintain 2.50 GPA in REL.			
Term hours subtotal:	16		
Term 2 16 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>See Religion, Culture and Public Life course list below. Students complete 15 credit hours from the Religion, Culture and Public Life concentration as part of the Religious Studies major.</li> <li>Join a <b>student club</b> or professional organization.</li> <li>If interested in law school, review the <b>Pre-Law at ASU</b> website.</li> </ul>
Religion, Culture and Public Life Concentration Course	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Natural Science - Quantitative (SQ)	4		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Maintain 2.50 GPA in REL.			
Term hours subtotal:	14		
Term 3 30 - 46 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes

Related Area Course	3	C
REL Outside Concentration Course	3	C
Second Language: Requirement satisfied through the following:		
* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C
Computer/Statistics/Quantitative Applications (CS)	3	
Elective	3	
❗ Complete First-Year Composition requirement.		
❗ Complete Mathematics (MA) requirement.		
Maintain 2.50 GPA in REL.		
Term hours subtotal:	16	

- Outside Concentration courses include any REL courses that are not listed in the Religion, Culture and Public Life concentration. REL 100 and REL 321 may count as either Religion, Culture and Public Life concentration courses, or as Outside Concentration courses, but not both.
- Please see list of Related Area courses below.
- Some General Studies requirements can overlap with major courses, leaving more room for electives. Consult an academic advisor to select the best courses for your personal plan of study.
- Explore opportunities to **study abroad**.

Term 4 46 - 60 Credit Hours <b>Critical course signified by</b> ❗	Hours	Minimum Grade	Notes
Religion, Culture and Public Life Concentration Course	3	C	
Second Language: Requirement satisfied through the following:			
* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
❗ Maintain 2.50 GPA in REL.			
Term hours subtotal:	14		

- Choosing a Social-Behavioral Sciences (SB) course that also satisfies the Cultural Diversity (C) requirement is recommended.
- Visit **Career and Professional Development Services** and **meet with a career advisor** for assistance with career planning and networking.
- If interested in law school, **make an appointment** with the pre-law advisor.

Term 5 60 - 75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ REL 307: Religion: Theory and Practice (L or HU)	3	C	
★ Upper Division Religion, Culture and Public Life Concentration Course	3	C	
Related Area Course	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Upper Division Elective	3		
Maintain 2.50 GPA in REL.			
Term hours subtotal:	15		

- REL 307 is typically offered only in the Fall semester.
- Choosing a Humanities (HU) course that also satisfies Historical Awareness (H) is recommended if these requirements have not already been satisfied.
- Consider participating in an **Undergraduate Research Experience** through the School of Historical, Philosophical and Religious Studies or a research opportunity in the **Humanities Lab**.

Term 6 75 - 90 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Upper Division Religion, Culture and Public Life Concentration Course	3	C	
Upper Division Related Area Course	3	C	
Upper Division REL Outside Concentration Course	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Elective OR REL 484: Internship	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Maintain 2.50 GPA in REL.			

- Upper Division Outside Concentration courses include any upper-division REL courses that are not listed in the Religion, Culture and Public Life concentration. REL 321 may count as either a Religion, Culture and Public Life concentration course, or as an Outside Concentration course, but not both.
- Participate in an **internship** to gain valuable career experience and contacts. For help exploring internship **opportunities related to your major**, meet with an academic advisor.
- Explore **graduate school** opportunities.



Term hours subtotal: 15

- If planning on law school, prepare to take the LSAT.

Term 7 90 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Religion, Culture and Public Life Concentration Course	3	C	<ul style="list-style-type: none"> <li>• Use Handshake to research employment opportunities.</li> <li>• Attend career fairs, workshops and related events offered by Career and Professional Development Services.</li> </ul>
Upper Division Related Area Course	3	C	
Literacy and Critical Inquiry (L)	3		
Social-Behavioral Sciences (SB)	3		
Elective	3		
Maintain 2.50 GPA in REL.			
Term hours subtotal:		15	

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ REL 405: Problems in Religious Studies OR REL 406: Religious Studies Capstone I AND REL 407: Religious Studies Capstone II	3	C	<ul style="list-style-type: none"> <li>• REL 405 serves as the capstone course for this major and is typically offered only in the Spring semester. REL 405 is for on-campus students while REL 406 and 407 are for ASU Online students.</li> <li>• Take advantage of mock interview opportunities and assistance with writing resumes and cover letters.</li> <li>• Apply for full-time career opportunities.</li> </ul>
Upper Division Related Area Course	3	C	
Complete 3 courses:			
Upper Division Elective	9		
★ Maintain 2.50 GPA in REL.			
Term hours subtotal:		15	

- Students complete 15 credit hours in the Religion, Culture and Public Life concentration, at least nine of which must be upper-division.
- Students complete six credits of Outside Concentration REL courses, at least three of which must be upper-division. The Outside Concentration courses are any REL courses NOT in the Religion, Culture and Public Life concentration list. Due to their broad content, REL 100 and REL 321 may count as either Religion, Culture and Public Life concentration courses, or as Outside Concentration courses, but each course will satisfy only ONE requirement, not both.
- Students complete 15 credits of courses in Related Areas, at least nine of which must be upper-division.

Hide Course List(s)/Track Group(s)

Religion, Culture and Public Life Courses	REL Outside Concentration Courses	Related Area Courses
REL 100: Religions of the World (HU & G)	Any REL course that is NOT listed in the Religion, Culture and Public Life concentration except for REL 100 and REL 321, which may be used either inside or outside the concentration, but not both.	AFR OR AIS OR AMS OR APA OR APH OR ARS OR ASB OR GCU OR HPS OR HST OR HUL OR JUS OR PHI OR POS OR SGS OR SOC OR TCL OR WST Elective
REL 200: Exploring the World's Religions (L or HU) & G)		
REL 202: Religion and Popular Culture (HU & C)	REL 100: Religions of the World (HU & G)	ARB 331: Arabic/Islamic Culture and Literature (HU & H & G)
REL 205: Life, Sex and Death (HU)	REL 321: Religion in America ((L or HU) & C & H)	ARB 335: Arabic Culture and Islam (G)
REL 207: Ritual, Symbol, and Myth (L or HU)		ARB 336: Introduction to the Qur'an (G)
REL 210: Introduction to Judaism (HU & H)		ARB 337: Hadith and Prophetic Tradition (HU & H & G)
REL 260: Introduction to Islam (HU & G)		

REL 270: Introduction to Christianity (HU)	ARB 341: Quran Text and Women (HU & H)
REL 272: Heretics, Saints and Emperors: Christianity in the Ancient World (HU & H)	ARB 351: Classical Arabic Literature (HU & G)
REL 287: Topics in Film, Media, and Religion (HU & G)	ARB 352: Modern Arabic Literature in Translation (HU & G)
REL 301: Comparative Mysticism (HU)	ARB 360: Islamic Philosophical Literature
REL 310: Western Religious Traditions (HU & H)	ARB 427: Arabic Prose: Reading the Arabian Nights
REL 315: Hebrew Bible (Old Testament) ((L or HU) & H)	ARB 428: Arab Women's Writing (HU & G) or SLC 428: Arab Women's Writing (HU & G)
REL 320: American Religious Traditions (HU & C & H)	BIO 312: Bioethics (HU)
REL 321: Religion in America ((L or HU) & C & H)	BIO 315: Science, Values, and the Public or ENG 370: Science, Values, and the Public
REL 323: African American Religion (HU & C)	BIO 318: History of Medicine (HU & H)
REL 324: Sacred Healing and Arts of the Africana World	CHI 120: Introduction to Chinese Culture (L or HU) or SLC 120: Introduction to Chinese Culture (L or HU)
REL 326: Hispanic Religion, Culture and Healing (HU & C)	CHI 321: Chinese Literature (HU)
REL 330: Native American Worldviews (HU & C)	CHI 322: Chinese Literature (HU & G)
REL 343: Daoism ((L or HU) & G & H)	CHI 345: Chinese Film and Civilization
REL 346: Chinese Religions	CHI 451: Chinese Cultural History I ((HU or SB) & H) or SLC 451: Chinese Cultural History I ((HU or SB) & H)
REL 350: Hinduism ((L or HU) & G)	CHI 452: Chinese Cultural History II (SB & G & H) or SLC 452: Chinese Cultural History II (SB & G & H)
REL 351: Buddhism ((L or HU) & G)	ENG 315: Medieval Literature in Translation
REL 357: Theravada Buddhism in South and Southeast Asia ((L or HU) & G)	ENG 333: American Ethnic Literature
REL 365: Islamic Civilization (HU & H)	ENG 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C)
REL 371: New Testament (HU)	ENG 354: African American Literature: Harlem Renaissance to the Present ((L or HU) & C)
REL 382: Magick, Religion and Science (L or HU)	ENG 356: The Bible as Literature (HU)
REL 383: Religion and Sports (HU)	ENG 359: Indigenous American Literature ((L or HU) & C)
REL 390: Women, Gender and Religion (HU & G)	GER 315: Germanic Mythology (HU & G)
REL 393: Religion and Sex (HU)	HEB 316: Literary Readings of the Hebrew Bible (L or HU) or ENG 316: Literary Readings of the Hebrew Bible (L or HU)
REL 394: Jainism	

HEB 347: Modern Israeli Literature in Translation (HU & G) or SLC 347: Modern Israeli Literature in Translation (HU & G)

HEB 348: Israeli Society and Culture (HU & G) or SLC 348: Israeli Society and Culture (HU & G)

HEB 375: Contemporary Culture of Israel (HU & G)

HEB 411: Judaism and the Beginnings of Christianity (HU & H)

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Related Area Courses Continued

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HON 171: The Human Event (L or HU)

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HON 272: The Human Event ((L or HU) & H)

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HON 370: History of Ideas (L or HU)

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HON 379: Romantics, Victorians, and Moderns (HU & G)

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IAS 430: Science and Religion (L or HU)

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JPN 115: Japanese Popular Culture: Anime, Manga and Film (G)

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JPN 333: Japanese Civilization from the Ice Age to Last Thursday

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JPN 354: Zen and Japanese Culture or SLC 354: Zen and Japanese Culture

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JPN 355: Religious Practice of People in Modern Japan (HU & G) or SLC 355: Religious Practice of People in Modern Japan (HU & G)

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JPN 367: Religion, Philosophy and Culture in Japan or SLC 367: Religion, Philosophy and Culture in Japan

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JPN 370: Japanese Aesthetics: Art and Beauty in Japan or SLC 370: Japanese Aesthetics: Art and Beauty in Japan

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JPN 445: Readings in Modern Japanese Letters and Culture

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JST Elective (not from JST 131, 132, 231, or 232)

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KOR 250: Korean Culture and Society (HU & G)

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KOR 321: Modern Korean Literature (HU)

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KOR 347: Korean Film and Literature (HU)

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KOR 350: Women of Korea (H)

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KOR 354: Religions of Korea (HU)

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KOR 375: Intercultural Communication in Korea (SB & G) or SLC 375: Intercultural Communication in Korea (SB & G)

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KOR 415: Korean Popular Culture (HU & G) or SLC 415: Korean Popular Culture (HU & G)

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KOR 420: Emotions Across Languages, Cultures and History (HU & G) or SLC 420: Emotions Across Languages, Cultures and History (HU & G)

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KOR 457: Premodern Korea in a Global Context (HU) or SLC 457: Premodern Korea in a Global Context (HU)

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MUS 347: Jazz in America (HU & C)

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MUS 354: Popular Music

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MUS 355: American Music (HU & C & H)

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MUS 371: World Music (HU & G)

---

POR 472: Luso-Brazilian Civilization (HU & G)

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PSY 350: Social Psychology (SB)

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SLC 142: Ancient Greek Civilization (HU & H) or GRK 142: Ancient Greek Civilization (HU & H)

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SLC 223: Introduction to Greek and Roman Mythology (HU) or GRK 223: Introduction to Greek and Roman Mythology (HU) or LAT 223: Introduction to Greek and Roman Mythology (HU)

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SLC 320: Compassion: A Dialogue Between the Humanities, the Sciences and the Arts (HU)

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SLC 361: Roman Religion (HU) or LAT 361: Roman Religion (HU)

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SLC 362: Ancient Greek Religion (HU) or GRK 362: Ancient Greek Religion (HU)

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SLC 444: Heroes, Ancient and Modern (L or HU) or GRK 444: Heroes, Ancient and Modern (L or HU) or LAT 444: Heroes, Ancient and Modern (L or HU)

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SLC 455: Berlin: Migration, Arts and Activism (G) or GER 455: Berlin: Migration, Arts and Activism (G)

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SLC 494: Religions and Conflicts in Southeast Asia

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SPA 325: Introduction to Hispanic Literature (HU)

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SPA 427: Colonial and Postcolonial Latin  
American Literature (L or HU)

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SPA 471: Civilization of the  
Indohispanomexicano Southwest ((L or HU) &  
C)

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TCL 328: Hispanic Religion, Culture and  
Healing (HU & C)

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**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.
- At least 12 upper-division hours in the major (REL) must be in courses offered by The College of Liberal Arts and Sciences.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.50 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

## 2023 - 2024 Major Map





### Religious Studies (Religion, Culture and Public Life), BA

School/College: [The College of Liberal Arts and Sciences](#)

Location: [Online ASU Local](#)

LARELCPBA

Accelerated options for this program are not currently available to ASU Online students.




Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 REL 101: Religion, Culture and Public Life (HU & G)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. ASU 101 is not required of transfer students.</li> <li>Select your <a href="#">Career Interest Communities</a> and play <a href="mailto:me3@ASU">me3@ASU</a>.</li> </ul>
ASU 101-LA: The ASU Experience	1		
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
Maintain 2.50 GPA in REL coursework.			
Term hours subtotal:	7		
Term 1 - B 7 - 13 Credit Hours	Hours	Minimum Grade	Notes
MAT 142: College Mathematics (MA)	3	C	<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> </ul>
Elective	3		
Term hours subtotal:	6		
Term 2 - A 13 - 20 Credit Hours	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li><b>ASU Language Placement and Testing:</b> Only true beginners are eligible for 101-level second language courses. All other students are required to take a placement exam, regardless of prior credit earned, to verify the course level is appropriate. Students already proficient in a second language may take a proficiency exam.</li> </ul>
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Term hours subtotal:	7		
Term 2 - B 20 - 27 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
Religion, Culture and Public Life Concentration Course	3	C	<ul style="list-style-type: none"> <li>Please see Religion, Culture and Public Life course list below. Students complete 15 credit hours from the Religion, Culture and Public Life concentration as part of the Religious Studies major.</li> </ul>
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:			

Maintain 2.50 GPA in REL coursework.



Term hours subtotal: 7

- If interested in law school, review the [Pre-Law at ASU](#) website.

Term 3 - A 27 - 34 Credit Hours	Hours	Minimum Grade	Notes
Related Area Course	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Term hours subtotal:	7		

Term 3 - B 34 - 41 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
REL Outside Concentration Course	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
 Complete First-Year Composition requirement.			
 Complete Mathematics (MA) requirement.			
Maintain 2.50 GPA in REL coursework.			
Term hours subtotal:	7		

- Please see REL Outside Concentration Course list below.
- Explore opportunities to [study abroad](#). Online students are eligible and encouraged to participate!

Term 4 - A 41 - 48 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
Religion, Culture and Public Life Concentration Course	3	C	
Natural Science - Quantitative (SQ)	4		
 Maintain 2.50 GPA in REL coursework.			
Term hours subtotal:	7		

- Explore the [Career and Professional Development Services](#) website and arrange a [virtual advising](#) session with a career counselor for assistance with career planning and networking.
- If interested in law school, [make an appointment](#) with the pre-law advisor.

Term 4 - B 48 - 54 Credit Hours	Hours	Minimum Grade	Notes
Computer/Statistics/Quantitative Applications (CS)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	6		

- Choosing a Humanities (HU) course that also satisfies Historical Awareness (H) is recommended if these requirements have not already been satisfied.

Term 5 - A 54 - 60 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 REL 307: Religion: Theory and Practice (L or HU)	3	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Maintain 2.50 GPA in REL coursework.			
Term hours subtotal:	6		

- REL 307 is typically offered only in the Fall semester.
- Choosing a Social-Behavioral Sciences (SB) course that also satisfies the Cultural Diversity (C) requirement is recommended.

Term 5 - B 60 - 67 Credit Hours	Hours	Minimum Grade	Notes
Related Area Course	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	7		

- Participate in an [internship](#) to gain valuable career experience and contacts. For help exploring internship [opportunities related to your major](#), contact an academic advisor.

Term 6 - A 67 - 73 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Upper Division Religion, Culture and Public Life Concentration Course	3	C	<ul style="list-style-type: none"> <li>Consider participating in an <b>Undergraduate Research Experience</b> through the School of Historical, Philosophical and Religious Studies or a research opportunity with the <b>Humanities Lab</b>.</li> </ul>
Social-Behavioral Sciences (SB)	3		
Maintain 2.50 GPA in REL coursework.			
Term hours subtotal:	6		

Term 6 - B 73 - 79 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
Upper Division REL Outside Concentration Course	3	C	<ul style="list-style-type: none"> <li>If planning on law school, prepare to take the <b>LSAT</b>.</li> </ul>
Literacy and Critical Inquiry (L)	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Maintain 2.50 GPA in REL coursework.			
Term hours subtotal:	6		

Term 7 - A 79 - 85 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Upper Division Religion, Culture and Public Life Concentration Course	3	C	<ul style="list-style-type: none"> <li>Explore <b>graduate school</b> opportunities.</li> </ul>
Upper Division Elective	3		
Maintain 2.50 GPA in REL coursework.			
Term hours subtotal:	6		

Term 7 - B 85 - 91 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Related Area Course	3	C	<ul style="list-style-type: none"> <li>View career <b>webinars</b> offered by Career and Professional Development Services.</li> </ul>
Upper Division Elective	3		
Term hours subtotal:	6		

Term 8 - A 91 - 97 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Upper Division Religion, Culture and Public Life Concentration Course	3	C	<ul style="list-style-type: none"> <li>Use Handshake to research <b>employment opportunities</b>.</li> </ul>
Upper Division Related Area Course	3	C	
Maintain 2.50 GPA in REL coursework.			
Term hours subtotal:	6		

Term 8 - B 97 - 103 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Elective	3		
Term hours subtotal:	6		

Term 9 - A 103 - 109 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ REL 406: Religious Studies Capstone I	1	C	<ul style="list-style-type: none"> <li>REL 406 and REL 407 serve as the capstone courses for this major and are typically offered only in the Spring semester.</li> </ul>
Upper Division Elective	3		
Elective	2		
Term hours subtotal:	6		



Maintain 2.50 GPA in REL coursework.

Term hours subtotal: 6

Term 9 - B 109 - 114 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ REL 407: Religious Studies Capstone II	2	C	<ul style="list-style-type: none"> <li>Take advantage of mock interview opportunities and assistance with writing resumes and cover letters.</li> </ul>
Upper Division Elective	3		
Maintain 2.50 GPA in REL coursework.			
Term hours subtotal:		5	

Term 10 - A 114 - 120 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
Upper Division Related Area Course	3	C	<ul style="list-style-type: none"> <li>Apply for full-time career opportunities.</li> </ul>
Upper Division Elective	3		
★ Maintain 2.50 GPA in REL coursework.			
Term hours subtotal:		6	

- Students complete 15 credit hours in the Religion, Culture and Public Life concentration, at least nine of which must be upper-division.
  - Students complete six credit hours in Outside Concentration REL courses, at least three of which must be upper-division. Outside Concentration courses include all REL courses that are not part of the Religion, Culture and Public Life concentration. Due to their broad content, REL 100 and REL 321 appear in both the Religion, Culture and Public Life and the Outside Concentration course lists. Students may use these courses to satisfy a concentration requirement OR an Outside Concentration requirement, but each course will apply toward only ONE requirement, not both.
  - Students complete 15 credits of courses in related areas, at least nine of which must be upper-division.
  - At least 12 upper-division hours in the major (REL) must be in courses offered by The College of Liberal Arts and Sciences.

Hide Course List(s)/Track Group(s)

Religion, Culture and Public Life	REL Outside Concentration Courses	Related Area Courses
REL 100: Religions of the World (HU & G)	Any REL course that is NOT listed in the Religion, Culture and Public Life concentration except for REL 100 and REL 321, which may be used either inside or outside the concentration, but not both.	AFR OR APA OR ARS OR ASB OR GCU OR HST OR HUL OR JUS OR PHI OR POS OR SGS OR SOC OR TCL OR WST Elective
REL 202: Religion and Popular Culture (HU & C)		
REL 205: Life, Sex and Death (HU)	REL 100: Religions of the World (HU & G)	ARB 331: Arabic/Islamic Culture and Literature (HU & H & G)
REL 207: Ritual, Symbol, and Myth (L or HU)	REL 321: Religion in America (L or HU) & C & H)	ARB 335: Arabic Culture and Islam (G)
REL 301: Comparative Mysticism (HU)		ARB 336: Introduction to the Qur'an (G)
REL 310: Western Religious Traditions (HU & H)		BIO 312: Bioethics (HU)
REL 315: Hebrew Bible (Old Testament) (L or HU) & H)		BIO 318: History of Medicine (HU & H)
REL 320: American Religious Traditions (HU & C & H)		ENG 333: American Ethnic Literature
		ENG 353: African American Literature: Beginnings through the Harlem Renaissance (L or HU) & C)

REL 321: Religion in America ((L or HU) & C & H)

REL 323: African American Religion (HU & C)

REL 324: Sacred Healing and Arts of the Africana World

REL 330: Native American Worldviews (HU & C)

REL 343: Daoism ((L or HU) & G & H)

REL 350: Hinduism ((L or HU) & G)

REL 351: Buddhism ((L or HU) & G)

REL 371: New Testament (HU)

REL 382: Magick, Religion and Science (L or HU)

REL 390: Women, Gender and Religion (HU & G)

ENG 354: African American Literature: Harlem Renaissance to the Present ((L or HU) & C)

ENG 356: The Bible as Literature (HU)

ENG 359: Indigenous American Literature ((L or HU) & C)

HON 370: History of Ideas (L or HU)

IAS 430: Science and Religion (L or HU)

JPN 355: Religious Practice of People in Modern Japan (HU & G) or SLC 355: Religious Practice of People in Modern Japan (HU & G)

MUS 347: Jazz in America (HU & C)

MUS 354: Popular Music

MUS 355: American Music (HU & C & H)

MUS 371: World Music (HU & G)

PSY 350: Social Psychology (SB)

SLC 223: Introduction to Greek and Roman Mythology (HU) or GRK 223: Introduction to Greek and Roman Mythology (HU) or LAT 223: Introduction to Greek and Roman Mythology (HU)

SPA 325: Introduction to Hispanic Literature (HU)

SPA 427: Colonial and Postcolonial Latin American Literature (L or HU)

SPA 471: Civilization of the Indohispanomexicano Southwest ((L or HU) & C)

#### Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.50 minimum

#### General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)

**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for**  
**Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum  
**Total College Residency Hrs:** 12 minimum

- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

## 2023 - 2024 Major Map






### Religious Studies (Religion, Politics and Global Affairs), BA

School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe](#)

LARELPGBA

Accelerated options for this program are not currently available to ASU Online students.

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 REL 101: Religion, Culture and Public Life (HU & G)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li><b>ASU Language Placement and Testing:</b> Only true beginners are eligible for 101-level second language courses. All other students are required to take a placement exam, regardless of prior credit earned, to verify the course level is appropriate. Students already proficient in a second language may take a proficiency exam.</li> <li>Select your <b>Career Interest Communities</b> and play <a href="mailto:me3@asu.edu">me3@ASU</a>.</li> </ul>
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
MAT 142: College Mathematics (MA)	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Elective	2		
Maintain 2.50 GPA in REL.			
Term hours subtotal:	16		
Term 2 16 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>See Religion, Politics and Global Affairs course list below. Students complete 15 credit hours from the Religion, Politics and Global Affairs concentration as part of the Religious Studies major.</li> <li>Join a <b>student club</b> or professional organization.</li> <li>If interested in law school, review the <b>Pre-Law at ASU</b> website.</li> </ul>
Religion, Politics and Global Affairs Concentration Course	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Natural Science - Quantitative (SQ)	4		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Maintain 2.50 GPA in REL.			
Term hours subtotal:	14		
Term 3 30 - 46 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes

Related Area Course	3	C
REL Outside Concentration Course	3	C
Second Language: Requirement satisfied through the following:		
* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C
Computer/Statistics/Quantitative Applications (CS)	3	
Elective	3	
❖ Complete First-Year Composition requirement.		
❖ Complete Mathematics (MA) requirement.		
Maintain 2.50 GPA in REL.		
Term hours subtotal:	16	

- Outside Concentration courses include any REL courses that are not listed in the Religion, Politics and Global Affairs concentration. REL 100 and REL 321 may count as either Religion, Politics and Global Affairs concentration courses, or as Outside Concentration courses, but not both.
- Please see list of Related Area courses below.
- Explore opportunities to **study abroad**.

Term 4 46 - 60 Credit Hours Critical course signified by ❖	Hours	Minimum Grade	Notes
Religion, Politics and Global Affairs Concentration Course	3	C	
Second Language: Requirement satisfied through the following:			
* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
❖ Maintain 2.50 GPA in REL.			
Term hours subtotal:	14		

- Choosing a Social-Behavioral Sciences (SB) course that also satisfies the Cultural Diversity (C) requirement is recommended.
- Visit **Career and Professional Development Services** and **meet with a career advisor** for assistance with career planning and networking.
- If interested in law school, **make an appointment** with the pre-law advisor.

Term 5 60 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ REL 307: Religion: Theory and Practice (L or HU)	3	C	
★ Upper Division Religion, Politics and Global Affairs Concentration Course	3	C	
Related Area Course	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Elective	3		
Maintain 2.50 GPA in REL.			
Term hours subtotal:	15		

- REL 307 is typically offered only in the Fall semester.
- Choosing a Humanities (HU) course that also satisfies Historical Awareness (H) is recommended if these requirements have not already been satisfied.
- Consider participating in an **Undergraduate Research Experience** through the School of Historical, Philosophical and Religious Studies or a research opportunity in the **Humanities Lab**.

Term 6 75 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Religion, Politics and Global Affairs Concentration Course	3	C	
Upper Division Related Area Course	3	C	
Upper Division REL Outside Concentration Course	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Elective OR REL 484: Internship	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Maintain 2.50 GPA in REL.			
Term hours subtotal:	15		

- Upper Division Outside Concentration courses include any upper-division REL courses that are not listed in the Religion, Politics and Global Affairs concentration. REL 321 may count as either a Religion, Politics and Global Affairs concentration course, or as an Outside Concentration course, but not both.
- Participate in an **internship** to gain valuable career experience and contacts. For help exploring internship **opportunities related to your major**, meet with an academic advisor.
- Explore **graduate school** opportunities.

- If planning on law school, prepare to take the LSAT.

Term 7 90 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Religion, Politics and Global Affairs Concentration Course	3	C	<ul style="list-style-type: none"> <li>• Use <b>Handshake</b> to research employment opportunities.</li> <li>• Attend <b>career fairs, workshops and related events</b> offered by Career and Professional Development Services.</li> </ul>
Upper Division Related Area Course	3	C	
Literacy and Critical Inquiry (L)	3		
Social-Behavioral Sciences (SB)	3		
Upper Division Elective	3		
Maintain 2.50 GPA in REL.			
Term hours subtotal:		15	

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ REL 405: Problems in Religious Studies OR REL 406: Religious Studies Capstone I AND REL 407: Religious Studies Capstone II	3	C	<ul style="list-style-type: none"> <li>• REL 405 serves as the capstone course for this major and is typically offered only in the Spring semester. REL 405 is for on-campus students while REL 406 and 407 are for ASU Online students.</li> <li>• Take advantage of mock interview opportunities and assistance with writing <b>resumes and cover letters</b>.</li> <li>• Apply for <b>full-time career opportunities</b>.</li> </ul>
Upper Division Related Area Course	3	C	
Complete 3 courses:			
Upper Division Elective	9		
★ Maintain 2.50 GPA in REL.			
Term hours subtotal:		15	

- Students complete 15 credit hours in the Religion, Politics and Global Affairs concentration, at least nine of which must be upper division.
- Students complete six credits of Outside Concentration REL courses, at least three of which must be upper division. The Outside Concentration courses are any REL courses **not** in the Religion, Politics and Global Affairs concentration list. Due to their broad content, REL 100 and REL 321 may count as either Religion, Politics and Global Affairs concentration courses, or as Outside Concentration courses, but each course will satisfy only **one** requirement, not both.
- Students complete 15 credits of courses in Related Areas, at least nine of which must be upper division.
- At least 12 upper-division hours in the major (REL) must be in courses offered by The College of Liberal Arts and Sciences.

Hide Course List(s)/Track Group(s)

Religion, Politics and Global Affairs	REL Outside Concentration Courses	Related Area Courses
REL 100: Religions of the World (HU & G)	Any REL course that is <b>not</b> listed in the Religion, Politics and Global Affairs concentration except for REL 100 and REL 321, which may be used either inside or outside the concentration, but not both.	AFR OR AIS OR AMS OR APA OR APH OR ARS OR ASB OR GCU OR HPS OR HST OR HUL OR JUS OR PHI OR POS OR SGS OR SOC OR TCL OR WST Elective
REL 107: Religion and Globalization (HU & G)		
REL 201: Religion and the Modern World (L or HU)	REL 100: Religions of the World (HU & G)	ARB 331: Arabic/Islamic Culture and Literature (HU & H & G)
REL 225: Africana Religious Studies (HU & C)	REL 321: Religion in America ((L or HU) & C & H)	ARB 335: Arabic Culture and Islam (G)
REL 319: Religion, Violence and America		ARB 336: Introduction to the Qur'an (G)

REL 321: Religion in America ((L or HU) & C & H)	ARB 337: Hadith and Prophetic Tradition (HU & H & G)
REL 347: Religions of India ((L or HU) & G)	ARB 341: Quran Text and Women (HU & H)
REL 349: Nature, Sustainability and Religion	ARB 351: Classical Arabic Literature (HU & G)
REL 352: Modern Buddhism	ARB 352: Modern Arabic Literature in Translation (HU & G)
REL 354: Religions of Korea (HU)	ARB 360: Islamic Philosophical Literature
REL 362: Islam and Islamic Societies in Africa: Social and Political History (G)	ARB 427: Arabic Prose: Reading the Arabian Nights
REL 363: Islam and World Affairs (G)	ARB 428: Arab Women's Writing (HU & G) or SLC 428: Arab Women's Writing (HU & G)
REL 364: Islam in Eurasia and Central Asia	BIO 312: Bioethics (HU)
REL 366: Islam in the Modern World (HU & G)	BIO 315: Science, Values, and the Public or ENG 370: Science, Values, and the Public
REL 374: Witchcraft and Heresy in Europe ((L or HU) & H)	BIO 318: History of Medicine (HU & H)
REL 377: Religion in Russia (HU & H)	CHI 120: Introduction to Chinese Culture (L or HU) or SLC 120: Introduction to Chinese Culture (L or HU)
REL 378: Religion, War and Peace (L)	CHI 321: Chinese Literature (HU)
REL 379: Religion, Nationalism, and Ethnic Conflict (HU & G)	CHI 322: Chinese Literature (HU & G)
REL 381: Religion and Moral Issues (L or HU)	CHI 345: Chinese Film and Civilization
REL 387: Religion and Conflict: Theories and Cases ((L or HU) & G)	CHI 451: Chinese Cultural History I ((HU or SB) & H) or SLC 451: Chinese Cultural History I ((HU or SB) & H)
REL 388: Religion, Ethics, and International Politics	CHI 452: Chinese Cultural History II (SB & G & H) or SLC 452: Chinese Cultural History II (SB & G & H)
REL 420: Religion in American Life and Thought (HU)	ENG 315: Medieval Literature in Translation
REL 460: Islam and Politics (HU & G)	ENG 333: American Ethnic Literature
REL 461: Different Voices Within Contemporary Islamic Discourse	ENG 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C)
	ENG 354: African American Literature: Harlem Renaissance to the Present ((L or HU) & C)
	ENG 356: The Bible as Literature (HU)
	ENG 359: Indigenous American Literature ((L or HU) & C)
	GER 315: Germanic Mythology (HU & G)
	HEB 316: Literary Readings of the Hebrew Bible (L or HU) or ENG 316: Literary Readings of the Hebrew Bible (L or HU)

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HEB 347: Modern Israeli Literature in Translation (HU & G) or SLC 347: Modern Israeli Literature in Translation (HU & G)

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HEB 348: Israeli Society and Culture (HU & G) or SLC 348: Israeli Society and Culture (HU & G)

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HEB 375: Contemporary Culture of Israel (HU & G)

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HEB 411: Judaism and the Beginnings of Christianity (HU & H)

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Related Area Courses Continued

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HON 171: The Human Event (L or HU)

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HON 272: The Human Event ((L or HU) & H)

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HON 370: History of Ideas (L or HU)

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HON 379: Romantics, Victorians, and Moderns (HU & G)

---

IAS 430: Science and Religion (L or HU)

---

JPN 115: Japanese Popular Culture: Anime, Manga and Film (G)

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JPN 333: Japanese Civilization from the Ice Age to Last Thursday

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JPN 354: Zen and Japanese Culture or SLC 354: Zen and Japanese Culture

---

JPN 355: Religious Practice of People in Modern Japan (HU & G) or SLC 355: Religious Practice of People in Modern Japan (HU & G)

---

JPN 367: Religion, Philosophy and Culture in Japan or SLC 367: Religion, Philosophy and Culture in Japan

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JPN 370: Japanese Aesthetics: Art and Beauty in Japan or SLC 370: Japanese Aesthetics: Art and Beauty in Japan

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JPN 445: Readings in Modern Japanese Letters and Culture

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JST Elective (not from JST 131, 132, 231, or 232)

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KOR 250: Korean Culture and Society (HU & G)

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KOR 321: Modern Korean Literature (HU)

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KOR 347: Korean Film and Literature (HU)

---

KOR 350: Women of Korea (H)

---

KOR 354: Religions of Korea (HU)

---



KOR 375: Intercultural Communication in Korea (SB & G) or SLC 375: Intercultural Communication in Korea (SB & G)

---

KOR 415: Korean Popular Culture (HU & G) or SLC 415: Korean Popular Culture (HU & G)

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KOR 420: Emotions Across Languages, Cultures and History (HU & G) or SLC 420: Emotions Across Languages, Cultures and History (HU & G)

---

KOR 457: Premodern Korea in a Global Context (HU) or SLC 457: Premodern Korea in a Global Context (HU)

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MUS 347: Jazz in America (HU & C)

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MUS 354: Popular Music

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MUS 355: American Music (HU & C & H)

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MUS 371: World Music (HU & G)

---

POR 472: Luso-Brazilian Civilization (HU & G)

---

PSY 350: Social Psychology (SB)

---

SLC 142: Ancient Greek Civilization (HU & H) or GRK 142: Ancient Greek Civilization (HU & H)

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SLC 223: Introduction to Greek and Roman Mythology (HU) or GRK 223: Introduction to Greek and Roman Mythology (HU) or LAT 223: Introduction to Greek and Roman Mythology (HU)

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SLC 320: Compassion: A Dialogue Between the Humanities, the Sciences and the Arts (HU)

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SLC 361: Roman Religion (HU) or LAT 361: Roman Religion (HU)

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SLC 362: Ancient Greek Religion (HU) or GRK 362: Ancient Greek Religion (HU)

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SLC 444: Heroes, Ancient and Modern (L or HU) or GRK 444: Heroes, Ancient and Modern (L or HU) or LAT 444: Heroes, Ancient and Modern (L or HU)

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SLC 455: Berlin: Migration, Arts and Activism (G) or GER 455: Berlin: Migration, Arts and Activism (G)

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SLC 494: Religions and Conflicts in Southeast Asia

---

SPA 325: Introduction to Hispanic Literature (HU)

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SPA 427: Colonial and Postcolonial Latin  
American Literature (L or HU)

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SPA 471: Civilization of the  
Indohispanomexicano Southwest ((L or HU) &  
C)

---

TCL 328: Hispanic Religion, Culture and  
Healing (HU & C)

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**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.50 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

## 2023 - 2024 Major Map





### Religious Studies (Religion, Politics and Global Affairs), BA

School/College: [The College of Liberal Arts and Sciences](#)

Location: [Online ASU Local](#)

LARELPGBA

Accelerated options for this program are not currently available to ASU Online students.




Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 REL 101: Religion, Culture and Public Life (HU & G)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. ASU 101 is not required of transfer students.</li> <li>Select your <a href="#">Career Interest Communities</a> and play <a href="#">me3@ASU</a>.</li> </ul>
ASU 101-LA: The ASU Experience	1		
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
Maintain 2.50 GPA in REL.			
Term hours subtotal:	7		
Term 1 - B 7 - 13 Credit Hours	Hours	Minimum Grade	Notes
MAT 142: College Mathematics (MA)	3	C	<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> </ul>
Elective	3		
Term hours subtotal:	6		
Term 2 - A 13 - 20 Credit Hours	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li><b>ASU Language Placement and Testing:</b> Only true beginners are eligible for 101-level second language courses. All other students are required to take a placement exam, regardless of prior credit earned, to verify the course level is appropriate. Students already proficient in a second language may take a proficiency exam.</li> </ul>
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Term hours subtotal:	7		
Term 2 - B 20 - 27 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
Religion, Politics and Global Affairs Concentration Course	3	C	<ul style="list-style-type: none"> <li>See Religion, Politics and Global Affairs course list below. Students complete 15 credit hours from the Religion, Politics and Global Affairs concentration as part of the major.</li> </ul>
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			

Maintain 2.50 GPA in REL.



Term hours subtotal: 7

- If interested in law school, review the [Pre-Law at ASU](#) website.

Term 3 - A 27 - 34 Credit Hours	Hours	Minimum Grade	Notes
Related Area Course	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
Term hours subtotal:	7		

Term 3 - B 34 - 41 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
REL Outside Concentration Course	3	C	
Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4	C	
 Complete First-Year Composition requirement.			
 Complete Mathematics (MA) requirement.			
Maintain 2.50 GPA in REL.			
Term hours subtotal:	7		

- Please see REL Outside Concentration Course list below.
- Explore opportunities to [study abroad](#). Online students are eligible and encouraged to participate!

Term 4 - A 41 - 48 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
Religion, Politics and Global Affairs Concentration Course	3	C	
Natural Science - Quantitative (SQ)	4		
 Maintain 2.50 GPA in REL.			
Term hours subtotal:	7		

- Explore the [Career and Professional Development Services](#) website and arrange a [virtual advising](#) session with a career counselor for assistance with career planning and networking.
- If interested in law school, [make an appointment](#) with the pre-law advisor.

Term 4 - B 48 - 54 Credit Hours	Hours	Minimum Grade	Notes
Computer/Statistics/Quantitative Applications (CS)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	6		

- Choosing a Humanities (HU) course that also satisfies Historical Awareness (H) is recommended if these requirements have not already been satisfied.

Term 5 - A 54 - 60 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 REL 307: Religion: Theory and Practice (L or HU)	3	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Maintain 2.50 GPA in REL.			
Term hours subtotal:	6		

- REL 307 is typically offered only in the Fall semester.
- Choosing a Social-Behavioral Sciences (SB) course that also satisfies the Cultural Diversity (C) requirement is recommended.

Term 5 - B 60 - 67 Credit Hours	Hours	Minimum Grade	Notes
Related Area Course	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	7		

Term 6 - A 67 - 73 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Religion, Politics and Global Affairs Concentration Course	3	C	
Social-Behavioral Sciences (SB)	3		
Maintain 2.50 GPA in REL.			
Term hours subtotal:	6		

Term 6 - B 73 - 79 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
Upper Division REL Outside Concentration Course	3	C	
Literacy and Critical Inquiry (L)	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Maintain 2.50 GPA in REL.			
Term hours subtotal:	6		<ul style="list-style-type: none"> <li>Participate in an <b>internship</b> to gain valuable career experience and contacts. For help exploring internship <b>opportunities related to your major</b>, contact an academic advisor.</li> <li>If planning on law school, prepare to take the <b>LSAT</b>.</li> </ul>

Term 7 - A 79 - 85 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Religion, Politics and Global Affairs Concentration Course	3	C	
Upper Division Elective	3		
Maintain 2.50 GPA in REL.			
Term hours subtotal:	6		<ul style="list-style-type: none"> <li>Explore <b>graduate school</b> opportunities.</li> <li>Consider participating in an <b>Undergraduate Research Experience</b> through the School of Historical, Philosophical and Religious Studies.</li> </ul>

Term 7 - B 85 - 91 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Related Area Course	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		<ul style="list-style-type: none"> <li>View career <b>webinars</b> offered by Career and Professional Development Services.</li> </ul>

Term 8 - A 91 - 97 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Religion, Politics and Global Affairs Concentration Course	3	C	
Upper Division Related Area Course	3	C	
Maintain 2.50 GPA in REL.			
Term hours subtotal:	6		<ul style="list-style-type: none"> <li>Use Handshake to research <b>employment opportunities</b>.</li> </ul>

Term 8 - B 97 - 103 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Elective	3		
Term hours subtotal:	6		

Term 9 - A 103 - 109 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ REL 406: Religious Studies Capstone I	1	C	
Upper Division Elective	3		
Elective	2		
Maintain 2.50 GPA in REL.			
Term hours subtotal:	6		<ul style="list-style-type: none"> <li>REL 406 and REL 407 serve as the capstone courses for this major and are typically offered only in the Spring semester.</li> </ul>

Term hours subtotal: 6

Term 9 - B 109 - 114 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ REL 407: Religious Studies Capstone II	2	C	<ul style="list-style-type: none"> <li>Take advantage of mock interview opportunities and assistance with writing resumes and cover letters.</li> </ul>
Upper Division Elective	3		
Maintain 2.50 GPA in REL.			
Term hours subtotal:		5	

Term 10 - A 114 - 120 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
Upper Division Related Area Course	3	C	<ul style="list-style-type: none"> <li>Apply for full-time career opportunities.</li> </ul>
Upper Division Elective	3		
★ Maintain 2.50 GPA in REL.			
Term hours subtotal:		6	

- Students complete 15 credit hours in the Religion, Politics and Global Affairs concentration, at least nine of which must be upper division.
  - Students complete six credits of Outside Concentration REL courses, at least three of which must be upper division. The Outside Concentration courses are any REL courses **not** in the Religion, Politics and Global Affairs concentration list. Due to their broad content, REL 100 and REL 321 may count as either Religion, Politics and Global Affairs concentration courses, or as Outside Concentration courses, but each course will satisfy only **one** requirement, not both.
  - Students complete 15 credits of courses in Related Areas, at least nine of which must be upper division.
  - At least 12 upper-division hours in the major (REL) must be in courses offered by The College of Liberal Arts and Sciences.

Hide Course List(s)/Track Group(s)

Religion, Politics and Global Affairs	REL Outside Concentration Courses	Related Area Courses
REL 100: Religions of the World (HU & G)	Any REL course that is <b>not</b> listed in the Religion, Politics and Global Affairs concentration except for REL 100 and REL 321, which may be used either inside or outside the concentration, but not both.	AFR OR APA OR ARS OR ASB OR GCU OR HST OR HUL OR JUS OR PHI OR POS OR SGS OR SOC OR TCL OR WST Elective
REL 107: Religion and Globalization (HU & G)		REL 100: Religions of the World (HU & G)
REL 201: Religion and the Modern World (L or HU)	REL 321: Religion in America ((L or HU) & C & H)	ARB 335: Arabic Culture and Islam (G)
REL 225: Africana Religious Studies (HU & C)		ARB 336: Introduction to the Qur'an (G)
REL 321: Religion in America ((L or HU) & C & H)		BIO 312: Bioethics (HU)
REL 352: Modern Buddhism		BIO 318: History of Medicine (HU & H)
REL 366: Islam in the Modern World (HU & G)		ENG 333: American Ethnic Literature
REL 374: Witchcraft and Heresy in Europe ((L or HU) & H)		ENG 353: African American Literature: Beginnings through the Harlem Renaissance ((L or HU) & C)
REL 379: Religion, Nationalism, and Ethnic Conflict (HU & G)		ENG 354: African American Literature: Harlem Renaissance to the Present ((L or HU) & C)

REL 381: Religion and Moral Issues (L or HU)

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REL 388: Religion, Ethics, and International Politics

---

REL 420: Religion in American Life and Thought (HU)

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ENG 356: The Bible as Literature (HU)

---

ENG 359: Indigenous American Literature ((L or HU) & C)

---

HON 370: History of Ideas (L or HU)

---

IAS 430: Science and Religion (L or HU)

---

JPN 355: Religious Practice of People in Modern Japan (HU & G) or SLC 355: Religious Practice of People in Modern Japan (HU & G)

---

MUS 347: Jazz in America (HU & C)

---

MUS 354: Popular Music

---

MUS 355: American Music (HU & C & H)

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MUS 371: World Music (HU & G)

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PSY 350: Social Psychology (SB)

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SLC 223: Introduction to Greek and Roman Mythology (HU) or GRK 223: Introduction to Greek and Roman Mythology (HU) or LAT 223: Introduction to Greek and Roman Mythology (HU)

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SPA 325: Introduction to Hispanic Literature (HU)

---

SPA 427: Colonial and Postcolonial Latin American Literature (L or HU)

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SPA 471: Civilization of the Indohispanomexicano Southwest ((L or HU) & C)

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#### Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.50 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

#### General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)

**Total Community College Hrs:** 64 maximum  
**Total College Residency Hrs:** 12 minimum

- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.





## 2023 - 2024 Major Map



### Russian, BA





School/College: The College of Liberal Arts and Sciences

Location: Tempe

LARUSBA

Term 1 0 - 15 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 SLC 201: Introduction to Linguistics (HU or SB) OR SLC 202: Exploring Cultures: Words, Images, Stories (HU & G)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>ASU Language Placement: Only true beginners are eligible for 101-level courses. Students with previous experience in the language are required to take a language placement test.</li> <li>Engage in <b>Russian</b> at ASU. Practice your language skills at the <b>SILC Cafe</b>.</li> <li>Play <b>me3@ASU</b> and set up your <b>Handshake</b> account.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
MAT 142: College Mathematics (MA)	3	C	
RUS 101: Elementary Russian I	5	C	
Maintain 2.33 GPA in Critical Tracking Courses.			
Term hours subtotal:	15		

Term 2 15 - 30 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>Meet with a School of International Letters and Cultures Russian faculty member or <b>academic advisor</b> to discuss the best <b>study abroad options</b> for your major.</li> <li>Attend a <b>Financing Your Study Abroad Program Workshop</b>.</li> </ul>
RUS 102: Elementary Russian II	5	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Social-Behavioral Sciences (SB)	3		
Elective	1		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Maintain 2.33 GPA in Critical Tracking Courses.			
Term hours subtotal:	15		

Term 3 30 - 45 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 RUS 211: Conversational Russian I (G)	3	C	<ul style="list-style-type: none"> <li>Explore your <b>career interest</b> area.</li> </ul>
RUS 201: Intermediate Russian I (G)	5	C	
Natural Science - Quantitative (SQ)	4		
Elective	3		
 Complete First-Year Composition requirement.			
 Complete Mathematics (MA) requirement.			

Maintain 2.33 GPA in Critical Tracking Courses.

Term hours subtotal: 15

Term 4 45 - 60 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
⚠ RUS 212: Conversational Russian II (G)	3	C	<ul style="list-style-type: none"> <li>• Meet with your academic advisor to explore internship and career opportunities in the U.S. State Department and Foreign Affairs.</li> <li>• Visit <a href="#">Career and Professional Development Services</a> and meet with a career advisor for assistance with career planning and networking.</li> <li>• Learn about <a href="#">internships, scholarships and awards</a> for language and culture majors.</li> <li>• Learn about research opportunities with the <a href="#">ASU Humanities Lab</a>.</li> <li>• Heritage speakers of Russian may take RUS 295 Russian for Heritage Speakers, a three credit course equivalent to RUS 202.</li> </ul>
RUS 202: Intermediate Russian II (G)	5	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Maintain 2.33 GPA in Critical Tracking Courses.			
Term hours subtotal:	15		

Term 5 60 - 75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ RUS 311: Russian Society I (G)	3	C	<ul style="list-style-type: none"> <li>• Explore opportunities working for the <a href="#">Peace Corps</a>.</li> </ul>
★ Upper Division Russian Elective	3	C	
Related Area Course	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ RUS 312: Russian Society II (G)	3	C	<ul style="list-style-type: none"> <li>• Plan ahead. Learn about <a href="#">national scholarship, fellowship and research opportunities</a>.</li> <li>• Attend an <a href="#">ASU Career Services workshop</a>.</li> </ul>
SLV 304: Digital Humanities for Language Majors (CS) OR SLV 440: History of Slavic Languages (SB)	3	C	
Upper Division Restricted Electives	3	C	
Upper Division Elective OR RUS 484: Internship	3		
Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ RUS 411: Russian Language, History and Culture I (G) OR RUS 412: Russian Language, History and Culture II (G)	3	C	<ul style="list-style-type: none"> <li>• Develop your <a href="#">skills</a>.</li> </ul>
Upper Division Restricted Electives	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	15		

Minimum

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Grade	Notes
★ RUS 430: Russian Short Story (L or HU)	3	C	• Attend a <b>Career Services</b> workshop or career fair.
Complete 4 courses:	12		
Upper Division Elective			
Term hours subtotal:	15		

Hide Course List(s)/Track Group(s)

Related Area Course	Upper Division Russian Elective	Upper Division Restricted Electives
GCU 426: Geography of Russia and Surroundings (SB & G)	RUS 394: Special Topics	RUS 322: Scandals and Scoundrels: The Nineteenth-Century Russian Novel (L or HU)
HST 304: Studies in European History	RUS 421: Pushkin (L or HU)	RUS 323: Russian Literature and Revolution: The Twentieth Century ((L or HU) & G)
HST 355: Total War and the Crisis of Modernity (SB & G & H)	RUS 425: Chekhov and Russian Drama (L or HU)	RUS 421: Pushkin (L or HU)
HST 435: The Russian Empire (SB & H)	RUS 439: Art in Exile: VladĀ-mir VladĀ-mirovich Nabokov (L or HU)	RUS 425: Chekhov and Russian Drama (L or HU)
HST 436: Rise & Fall of Soviet Communism (SB & G & H)	RUS 440: Russian Mass Media (G)	RUS 439: Art in Exile: VladĀ-mir VladĀ-mirovich Nabokov (L or HU)
MHL 363: Survey of Russian Music (HU)	RUS 493: Honors Thesis (L)	
POS 360: World Politics (SB & G)	RUS 494: Special Topics	
POS 467: International Security (SB & G)	RUS 499: Individualized Instruction	
POS 486: International Political Economy (SB & G)		
REL 364: Islam in Eurasia and Central Asia		
SLC 340: Approaches to International Cinema (HU & G)		

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- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.









## 2023 - 2024 Major Map

### Sociology, BS

School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe](#)

LASOCBS

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 SOC 101: Introductory Sociology (SB)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>Select a <b>career interest area</b> and play <a href="mailto:me3@ASU">me3@ASU</a>.</li> <li>Choose Related Area courses from subject areas listed below.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
MAT 142: College Mathematics (MA)	3	C	
Related Area Course	3	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Term hours subtotal:	16		
Term 2 16 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 SOC 2** Elective	3	C	<ul style="list-style-type: none"> <li>Create a first draft <b>resume</b>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
SOC 201: Careers in Sociology	1	C	
Related Area Course	3	C	
Natural Science - Quantitative (SQ)	4		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	14		
Term 3 30 - 46 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
Related Area Course	3	C	
SOC Elective	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	3		
 Complete First-Year Composition requirement.			
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		
2023-24 Academic Catalog Archive			4694

Term 4 46 - 61 Credit Hours Critical course signified by ⚠	Hours	Minimum Grade	Notes
⚠ SOC 290: Introduction to Social Science Research	3	C	• Explore an <b>internship</b>
SOC Elective	3	C	
Cultural Diversity in the U.S. (C)	3		
Literacy and Critical Inquiry (L)	3		
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	15		

Term 5 61 - 76 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ SOC 390: Social Statistics I (CS) OR STP 226: Elements of Statistics (CS)	3	C	• A maximum of six credits combined of SOC 399, SOC 484, and SOC 499 may apply to major electives.
Science and Society Elective	3	C	
Complete 2 courses: SOC Upper Division Elective	6	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	15		

Term 6 76 - 91 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ SOC 483: Sociological Theories (L or SB)	3	C	• Use Handshake to research <b>employment opportunities</b>
Upper Division Science and Society Elective	3	C	
Upper Division Elective OR SOC 484: Internship	3		
Complete 2 courses: Upper Division Elective	6		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 91 - 106 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ SOC 490: Advanced Sociological Research Methods OR SOC 491: Advanced Sociological Perspectives	3	C	• Gather <b>professional references</b> . • A maximum of six credits combined of SOC 399, SOC 484, and SOC 499 may apply to major electives.
SOC Upper Division Elective	3	C	
Complete 2 courses: Upper Division Elective	6		
Elective	3		
Term hours subtotal:	15		

Term 8 106 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ SOC Upper Division Elective	3	C	• Apply for full-time <b>career opportunities</b> .
Complete 2 courses: Upper Division Elective	6		
Complete 2 courses: Elective	5		
Term hours subtotal:	14		

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/student-resources/science-society>. At least one of the two courses must be upper division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

#### Hide Course List(s)/Track Group(s)

##### Related Area Courses

AFR OR APA OR ASB OR CAP OR CDE  
 OR CRJ OR DST OR ECN OR FAS OR GCU  
 OR HSC OR JHR OR JUS OR LAW OR OGL  
 OR POS OR PSY OR SOC OR SOS OR SWU  
 OR TCL OR WST Elective

#### Notes:

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- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

#### General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.







## 2023 - 2024 Major Map

### Sociology, BS




School/College: [The College of Liberal Arts and Sciences](#)



Location: [Online ASU Local](#)

LASOCBS



Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 SOC 101: Introductory Sociology (SB)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar is required of all first-year students.</li> <li>Select your <b>Career Interest Communities</b> and play <b>me3@ASU</b>.</li> </ul>
ASU 101-LA: The ASU Experience	1		
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107: First-Year Composition or ENG 108: First-Year Composition			
Term hours subtotal:	7		
Term 1 - B 7 - 14 Credit Hours	Hours	Minimum Grade	Notes
SOC 201: Careers in Sociology	1	C	<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> <li>Choose Related Area courses from the subject areas listed below.</li> </ul>
Related Area Course	3	C	
Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	7		
Term 2 - A 14 - 20 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 SOC 2** Elective	3	C	
ENG 101: First-Year Composition or ENG 102: First-Year Composition			
OR ENG 105: Advanced First-Year Composition OR ENG 107:	3	C	
First-Year Composition or ENG 108: First-Year Composition			
Term hours subtotal:	6		
Term 2 - B 20 - 26 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
MAT 142: College Mathematics (MA)	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	6		
Term 3 - A 26 - 33 Credit Hours	Hours	Minimum Grade	Notes
SOC Elective	3	C	
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	7		



Term 3 - B 33 - 39 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
Related Area Course	3	C	• Develop your <b>skills</b>
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
 Complete First-Year Composition requirement.			
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	6		

Term 4 - A 39 - 45 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 SOC 290: Introduction to Social Science Research	3	C	
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	6		

Term 4 - B 45 - 52 Credit Hours	Hours	Minimum Grade	Notes
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	3		
Term hours subtotal:	7		

Term 5 - A 52 - 58 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 SOC 390: Social Statistics I (CS) OR STP 226: Elements of Statistics (CS)	3	C	
Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	6		

Term 5 - B 58 - 64 Credit Hours	Hours	Minimum Grade	Notes
Related Area Course	3	C	• Develop your <b>professional online presence</b>
SOC Elective	3	C	
Term hours subtotal:	6		

Term 6 - A 64 - 70 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 SOC Upper Division Elective	3	C	• A maximum of six credits combined of SOC 399, SOC 484, and SOC 499 may apply to major electives.
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	6		

Term 6 - B 70 - 76 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
Science and Society Elective	3	C	
Upper Division Elective	3		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		



Term 7 - A 76 - 82 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 SOC 483: Sociological Theories (L or SB)	3	C	
Upper Division Elective	3		

Term hours subtotal: 6

Term 7 - B 82 - 88 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Science and Society Elective	3	C	
SOC Upper Division Elective	3	C	
Term hours subtotal:	6		

Term 8 - A 88 - 94 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 SOC 490: Advanced Sociological Research Methods OR SOC 491: Advanced Sociological Perspectives	3	C	<ul style="list-style-type: none"> <li>Use Handshake to research <b>employment opportunities</b></li> </ul>
Upper Division Elective	3		
Term hours subtotal:	6		

Term 8 - B 94 - 100 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	6		

Term 9 - A 100 - 106 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 SOC Upper Division Elective	3	C	<ul style="list-style-type: none"> <li>A maximum of six credits combined of SOC 399, SOC 484, and SOC 499 may apply to major electives.</li> </ul>
Upper Division Elective	3		
Term hours subtotal:	6		

Term 9 - B 106 - 112 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	6		

Term 10 - A 112 - 118 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 SOC Upper Division Elective	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		

Term 10 - B 118 - 120 Credit Hours	Hours	Minimum Grade	Notes
Elective	2		<ul style="list-style-type: none"> <li>Apply for full-time <b>career opportunities</b></li> </ul>
Term hours subtotal:	2		

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/student-resources/science-society>. At least one of the two courses must be upper division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

[Hide Course List\(s\)/Track Group\(s\)](#)

#### Related Area Courses

AFR OR APA OR ASB OR CAP OR CDE  
OR CRJ OR DST OR ECN OR FAS OR GCU  
OR HSC OR JHR OR JUS OR LAW OR OGL  
OR POS OR PSY OR SOC OR SOS OR SWU  
OR TCL OR WST Elective

#### Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

#### General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map



### Spanish - Linguistics, BA


School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe](#)

LASPABA

Term 1 0 - 14 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 SLC 201: Introduction to Linguistics (HU or SB) OR SLC 202: Exploring Cultures: Words, Images, Stories (HU & G)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>Only true beginners are eligible to take SPA 101 and are required to take a <a href="#">Spanish Placement Test</a>.</li> <li>Learn about <a href="#">Spanish Language Intensive Courses</a>.</li> <li>Engage in <a href="#">Spanish</a> at ASU.</li> </ul>
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
MAT 142: College Mathematics (MA)	3	C	
SPA 111: Fundamentals of Spanish OR SPA 110: Intensive Spanish I (G)	4-6	C	
Maintain 2.33 GPA in Critical Tracking Courses.			
Term hours subtotal:	14-16		

Term 2 14 - 30 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>Start planning to study abroad. Learn about Global Intensive Experience and/or faculty-directed summer programs in Argentina, Brazil, Cuba, Mexico, and Leon or Sevilla, Spain, offered through <a href="#">ASU Study Abroad</a> and the <a href="#">School of International Letters and Cultures (SILC)</a>.</li> <li>Attend a <a href="#">Financing Your Study Abroad Workshop</a>.</li> <li>Spanish offers a huge advantage if you are interested in working in the <a href="#">Peace Corps</a>.</li> <li>Students who have earned credit for SPA 102, SPA 110, or SPA 111 may opt to take SPA 210 Intensive Spanish II in Term 2.</li> <li>Select your <a href="#">Career Interest Communities</a> and play <a href="#">me3@ASU</a>.</li> </ul>
SPA 201: Intermediate Spanish (G) OR SPA 203: Intermediate Spanish I for Bilinguals (C & G)	4-6	C	
Social-Behavioral Sciences (SB)	3		
Complete 2 courses: Elective	6		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Maintain 2.33 GPA in Critical Tracking Courses.			
Term hours subtotal:	16-18		

Term 3 30 - 44 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
SPA 202: Intermediate Spanish (G) OR SPA 204: Intermediate Spanish II for Bilinguals (C & G)	4	C	
Natural Science - Quantitative (SQ)	4		

Complete 2 courses: 6  
Elective

◆ Complete First-Year Composition requirement.

◆ Complete Mathematics (MA) requirement.

Maintain 2.33 GPA in Critical Tracking Courses.

Term hours subtotal: 14

- Meet with a School of International Letters and Cultures **academic advisor** to discuss **internships** and **scholarships and awards** for language and culture majors.
- Upper-Division SPA course requirements for this major offered in subsequent terms have L, CS, HU, SB, C, G, and H designations that may be applied to university General Studies and Awareness Area requirements for the degree.

Term 4 44 - 60 Credit Hours Critical course signified by ◆	Hours	Minimum Grade	Notes
◆ SPA 313: Spanish Conversation and Composition (G) OR SPA 315: Advanced Spanish I for Bilinguals (C)	3	C	<ul style="list-style-type: none"> <li>• Proficiency in Spanish and/or Portuguese offers an advantage to those who are interested in <b>U.S. State Department careers</b>.</li> <li>• Learn about research opportunities through the ASU <b>Humanities Lab</b>.</li> </ul>
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Complete 2 courses:	6		
Elective			
Maintain 2.33 GPA in Critical Tracking Courses.			
Term hours subtotal:	16		

Term 5 60 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ POR 101: Elementary Portuguese I (G) OR POR 301: Portuguese for Spanish Speakers I	3-4	C	<ul style="list-style-type: none"> <li>• Enroll in listed courses or meet with a <b>SILC academic advisor</b> to discuss the best <b>study abroad options for your major</b>.</li> <li>• Explore your <b>career interest area</b> with your academic advisor.</li> </ul>
★ SPA 314: Spanish Conversation and Composition (G) OR SPA 316: Advanced Spanish II for Bilinguals (L & C)	3	C	
Literacy and Critical Inquiry (L)	3		
Complete 2 courses:	6		
Elective			
Term hours subtotal:	15-16		

Term 6 75 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ POR 102: Elementary Portuguese II (G) OR POR 302: Portuguese for Spanish Speakers II	3-4	C	<ul style="list-style-type: none"> <li>• Learn about national <b>scholarships, fellowships and research opportunities</b>.</li> <li>• Many upper division elective courses have prerequisites which may be taken as electives in earlier semesters.</li> <li>• Use Handshake to research <b>employment opportunities</b>.</li> </ul>
★ SPA 400: Fundamentals of Spanish Linguistics (SB & G)	3	C	
★ SPA 412: Advanced Conversation and Composition (G) OR SPA 416: Advanced Spanish Conversation and Composition for Spanish Heritage Learners (L)	3	C	
Complete 2 courses:	6		
Upper Division Elective			
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15-16		

Term 7 90 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ SPA 418: Architecture of Spanish	3	C	<ul style="list-style-type: none"> <li>• Develop your <b>skills</b>.</li> </ul>
★ SPA 420: Applied Spanish Linguistics (L)	3	C	
★ Upper Division Spanish Elective	3	C	

Upper Division Elective OR SPA 484: Internship	3
Elective	3
Term hours subtotal:	15

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ SPA 417: The Sounds of Spanish (CS or SB)	3	C	• Attend an ASU Career Services Workshop or Career Fair.
★ SPA 419: Spanish Around the World (CS & C)	3	C	
Complete 3 courses: Upper Division Elective	9		
Term hours subtotal:	15		

Hide Course List(s)/Track Group(s)

Upper Division Spanish Electives
SPA 319: Business Correspondence and Communication (G)
SPA 325: Introduction to Hispanic Literature (HU)
SPA 385: Cinema and Culture of Spain (HU & G)
SPA 394: Advanced Mayan Culture
SPA 394: Angels or Devils: Women Rebels
SPA 394: Business Spanish
SPA 394: Hispanidades: Documenting Local Culture
SPA 394: Human Rights in Argentina
SPA 394: Latin American Political & Cultural Thought
SPA 394: Transcultural Connections
SPA 413: Spanish Grammar in Context (G)
SPA 421: Spanish in the Southwest (C)
SPA 425: Understanding Spain: Literature and Culture Before 1700 (L or HU)
SPA 426: Literature and Society in Modern Spain (HU)
SPA 427: Colonial and Postcolonial Latin American Literature (L or HU)
SPA 428: Foundational Texts of Latin American Literature Since Modernismo ((L or HU) & G)
SPA 429: Writing Mexico: Major Texts ((L or HU) & G)

SPA 464: Jait̃n Works in Chicano/a Literature ((HU or SB) & C)

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SPA 470: Law, Societies and Justice in Latino-America (SB & G)

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SPA 471: Civilization of the Indohispanomexicano Southwest ((L or HU) & C)

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SPA 472: Latin American Society: Five Case Studies (HU & H & G)

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SPA 473: Old and New Spaniards: Culture and Civilization of Spain ((HU or SB) & G)

---

SPA 474: Revolutionary Mexico and Postmodern Revisions ((L or HU) & G)

---

SPA 475: Latin American Film ((L or HU) & G)

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SPA 484: Internship

---

SPA 485: Chicano/a Short Story: Espanglish, Barrio y Xicanisma (L & C)

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SPA 486: Chicano/a Novel: Āltima, Rafa y Lala

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SPA 492: Honors Directed Study

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SPA 493: Honors Thesis (L)

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SPA 494: Ancient and Modern Mayan Culture

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SPA 494: Chicano cancionero and narco-corridos

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SPA 494: Chicano/Chicana Film

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SPA 494: Chicano/Chicana Literatura Infantil

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SPA 494: Consumer Culture in Latin America

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SPA 494: Ecocritical Approaches Latin Am Cultural Productn

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SPA 494: Film, Literature in Leon&Barcelona, Spain

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SPA 494: History of the Spanish Language

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SPA 494: Latin American Graphic Narrative

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SPA 494: Latin American Photography and Human Rights

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SPA 494: Latin American Queer Cultures

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SPA 494: Mass Media from Spain &the Global Media in Spanish

---

SPA 494: Mexican-American Cinema

---

SPA 494: Pirates, Travelers and Renegados

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SPA 494: Spanish Culture through Selfies

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**Cumulative GPA:** 2.00 minimum

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**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

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- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.





## 2023 - 2024 Major Map



### Spanish - Literature and Culture, BA


School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe](#)

LASPABA

Term 1 0 - 14 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 SLC 201: Introduction to Linguistics (HU or SB) OR SLC 202: Exploring Cultures: Words, Images, Stories (HU & G)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first year students.</li> <li>Only true beginners are eligible to take SPA 101 and are required to request a <b>permission override</b> to register for this course. Students who have had previous experience in Spanish are required to take a <b>Spanish Placement Test</b>.</li> <li>Learn about <b>Spanish Language Intensive Courses</b>.</li> <li>SPA 101 and 102 or SPA 110 may be substituted for SPA 111.</li> <li>Engage in <b>Spanish</b> at ASU.</li> </ul>
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
MAT 142: College Mathematics (MA)	3	C	
SPA 111: Fundamentals of Spanish	4	C	
Maintain 2.33 GPA in Critical Tracking Courses.			
Term hours subtotal:	14		

Term 2 14 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>Start to plan your study abroad experience. Learn about faculty-directed Global Intensive Experience and summer abroad programs in Argentina, Brazil, Costa Rica, Mexico, and Leon or Sevilla, Spain, offered through the <b>ASU Study Abroad Office</b> and the <b>School of International Letters and Cultures</b>.</li> <li>Attend a <b>Financing Your Study Abroad Workshop</b>.</li> <li>Students may opt to take SPA 210 Intensive Spanish II, a six credit course equivalent to SPA 201 and SPA 202 in Term 2.</li> <li>Activate your <b>Handshake account</b> and build out your profile.</li> </ul>
SPA 201: Intermediate Spanish (G) OR SPA 203: Intermediate Spanish I for Bilinguals (C & G)	4	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Elective	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Maintain 2.33 GPA in Critical Tracking Courses.			
Term hours subtotal:	16		

Term 3 30 - 44 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
SPA 202: Intermediate Spanish (G) OR SPA 204: Intermediate Spanish II for Bilinguals (C & G)	4	C	
Natural Science - Quantitative (SQ)	4		

Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3
Elective	3
🚩 Complete First-Year Composition requirement.	
🚩 Complete Mathematics (MA) requirement.	
Maintain 2.33 GPA in Critical Tracking Courses.	
Term hours subtotal:	14

- Meet with a School of International Letters and Cultures **academic advisor** to discuss **internships** and **scholarships and awards** for language and culture majors.
- Many upper-division elective courses have prerequisites which may be taken as electives in earlier semesters.
- Learn about research opportunities through the **Humanities Lab**.
- Select your **Career Interest Communities** and play **me3@ASU**.

Term 4 44 - 60 Credit Hours <b>Critical course signified by</b> 🚩	Hours	Minimum Grade	Notes
🚩 SPA 313: Spanish Conversation and Composition (G) OR SPA 315: Advanced Spanish I for Bilinguals (C)	3	C	<ul style="list-style-type: none"> <li>• Proficiency in Spanish and/or Portuguese is a great advantage to those who wish to pursue a career with the <b>U.S. Department of State</b> or the Peace Corps.</li> <li>• Visit <b>Career and Professional Development Services</b> and meet with a career advisor for assistance with career planning and networking.</li> </ul>
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Social-Behavioral Sciences (SB)	3		
Complete 2 courses:			
Elective	6		
Maintain 2.33 GPA in Critical Tracking Courses.			
Term hours subtotal:	16		

Term 5 60 - 75 Credit Hours <b>Necessary course signified by</b> ⭐	Hours	Minimum Grade	Notes
⭐ SPA 314: Spanish Conversation and Composition (G) OR SPA 316: Advanced Spanish II for Bilinguals (L & C)	3	C	<ul style="list-style-type: none"> <li>• Enroll in listed courses or meet with a <b>SILC academic advisor</b> to discuss the best <b>study abroad options for your major</b>.</li> <li>• Explore your <b>career interest area</b> with your academic advisor.</li> </ul>
POR 101: Elementary Portuguese I (G) OR POR 301: Portuguese for Spanish Speakers I	3-4	C	
Literacy and Critical Inquiry (L)	3		
Complete 2 courses:			
Elective	6		
Term hours subtotal:	15-16		

Term 6 75 - 90 Credit Hours <b>Necessary course signified by</b> ⭐	Hours	Minimum Grade	Notes
⭐ SPA 325: Introduction to Hispanic Literature (HU)	3	C	<ul style="list-style-type: none"> <li>• Many upper-division elective courses have prerequisites which may be taken as electives in earlier semesters.</li> <li>• Learn about national <b>scholarships, fellowships and research opportunities</b>.</li> </ul>
SPA 412: Advanced Conversation and Composition (G) or SPA 416: Advanced Spanish Conversation and Composition for Spanish Heritage Learners (L)	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Complete 2 courses:			
Elective	6		
⭐ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours <b>Necessary course signified by</b> ⭐	Hours	Minimum Grade	Notes
⭐ 4** (400-Level) Spanish Culture Course	3	C	<ul style="list-style-type: none"> <li>• Develop your <b>skills</b>.</li> </ul>
⭐ 4** (400-Level) Spanish Literature Course	3	C	
⭐ Upper Division Spanish Literature and Culture Electives	3	C	

SPA Upper Division Elective	3	C
Upper Division Elective OR SPA 484: Internship	3	
Term hours subtotal:	15	

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ 4** (400-Level) Spanish Literature Course	3	C	<ul style="list-style-type: none"> <li>Attend an ASU Career Services Workshop or Career Fair.</li> </ul>
Upper Division Spanish Literature and Culture Electives	3	C	
Complete 3 courses:	9		
Upper Division Elective			
Term hours subtotal:	15		

- Students in the Spanish BA literature concentration must choose two upper-division courses (six credit hours) of Spanish literature electives from a single regional option. Regional options include Latin American, Mexican American and Peninsular literature.

Hide Course List(s)/Track Group(s)

400-Level Spanish Literature Course	Upper Division Spanish Literature and Culture Electives	400-Level Spanish Culture Course
SPA 425: Understanding Spain: Literature and Culture Before 1700 (L or HU)	SPA 385: Cinema and Culture of Spain (HU & G)	SPA 471: Civilization of the Indohispanomexicano Southwest ((L or HU) & C)
SPA 426: Literature and Society in Modern Spain (HU)	SPA 425: Understanding Spain: Literature and Culture Before 1700 (L or HU)	SPA 472: Latin American Society: Five Case Studies (HU & H & G)
SPA 427: Colonial and Postcolonial Latin American Literature (L or HU)	SPA 426: Literature and Society in Modern Spain (HU)	SPA 473: Old and New Spaniards: Culture and Civilization of Spain ((HU or SB) & G)
SPA 428: Foundational Texts of Latin American Literature Since Modernismo ((L or HU) & G)	SPA 427: Colonial and Postcolonial Latin American Literature (L or HU)	SPA 474: Revolutionary Mexico and Postmodern Revisions ((L or HU) & G)
SPA 429: Writing Mexico: Major Texts ((L or HU) & G)	SPA 428: Foundational Texts of Latin American Literature Since Modernismo ((L or HU) & G)	
SPA 464: Jaitʼán Works in Chicano/a Literature ((HU or SB) & C)	SPA 429: Writing Mexico: Major Texts ((L or HU) & G)	
SPA 485: Chicano/a Short Story: Espanglish, Barrio y Xicanisma (L & C)	SPA 464: Jaitʼán Works in Chicano/a Literature ((HU or SB) & C)	
SPA 486: Chicano/a Novel: Última, Rafa y Lala	SPA 470: Law, Societies and Justice in Latino-America (SB & G)	
	SPA 471: Civilization of the Indohispanomexicano Southwest ((L or HU) & C)	
	SPA 472: Latin American Society: Five Case Studies (HU & H & G)	
	SPA 473: Old and New Spaniards: Culture and Civilization of Spain ((HU or SB) & G)	
	SPA 474: Revolutionary Mexico and Postmodern Revisions ((L or HU) & G)	

SPA 475: Latin American Film ((L or HU) & G)

SPA 485: Chicano/a Short Story: Espanglish, Barrio y Xicanisma (L & C)

SPA 486: Chicano/a Novel: Áltima, Rafa y Lala

SPA 494: Ancient and Modern Mayan Culture

SPA 494: Chicano cancionero and narco-corridos

SPA 494: Chicano/Chicana Film

SPA 494: Chicano/Chicana Literatura Infantil

SPA 494: Consumer Culture in Latin America

SPA 494: Ecocritical Approaches Latin Am Cultural Productn

SPA 494: Film, Literature in Leon&Barcelona, Spain

SPA 494: History of the Spanish Language

SPA 494: Latin American Graphic Narrative

SPA 494: Latin American Photography and Human Rights

SPA 494: Latin American Queer Cultures

SPA 494: Mass Media from Spain &the Global Media in Spanish

SPA 494: Mexican-American Cinema

SPA 494: Pirates, Travelers and Renegados

SPA 494: Spanish Culture through Selfies

SPA 494: Why is the Amazon Burning?

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**General University Requirements Legend**

General Studies Core Requirements:

**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum  
**Total College Residency Hrs:** 12 minimum

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map



### Spanish, BA

School/College: [The College of Liberal Arts and Sciences](#)

Location: [Online ASU Local](#)

LASPABA

Term 1 - A 0 - 8 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ASU 101-LA: The ASU Experience	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>Only true beginners are eligible to take SPA 101 and are required to take a <a href="#">Spanish Placement Test</a>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
SPA 101: Elementary Spanish I (G)	4	C	
 Maintain 2.33 GPA in Critical Tracking Courses.			
Term hours subtotal:	8		

Term 1 - B 8 - 15 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>Take advantage of <a href="#">online tutoring</a>.</li> <li>Utilize <a href="#">ASU libraries</a>.</li> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> <li>Select your <a href="#">Career Interest Communities</a> and play <a href="#">me3@ASU</a>.</li> </ul>
SPA 102: Elementary Spanish II (G)	4	C	
 Maintain 2.33 GPA in Critical Tracking Courses.			
Term hours subtotal:	7		

Term 2 - A 15 - 22 Credit Hours	Hours	Minimum Grade	Notes
MAT 142: College Mathematics (MA)	3	C	<ul style="list-style-type: none"> <li>Start to plan your study abroad experience. Learn about Global Intensive Experiences and summer abroad programs in Argentina, Brazil, Costa Rica, Mexico, and in Leon or Sevilla, Spain offered through <a href="#">ASU Study Abroad</a> and the <a href="#">School of International Letters and Cultures</a>.</li> <li>Schedule an appointment with a School of International Letters and Cultures <a href="#">academic advisor</a> to discuss the best <a href="#">study abroad options</a> for your major.</li> </ul>
SPA 201: Intermediate Spanish (G) OR SPA 203: Intermediate Spanish I for Bilinguals (C & G)	4	C	
Term hours subtotal:	7		

Term 2 - B 22 - 29 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
SPA 202: Intermediate Spanish (G) OR SPA 204: Intermediate Spanish II for Bilinguals (C & G)	4	C	

Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) 3

- Meet with a School of International Letters and Cultures academic advisor to discuss the best study abroad options for your major

- ❖ Complete ENG 101 OR ENG 105 OR ENG 107 course(s).
- ❖ Maintain 2.33 GPA in Critical Tracking Courses.

Term hours subtotal: 7

Term 3 - A 29 - 35 Credit Hours Critical course signified by ❖	Hours	Minimum Grade	Notes
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- |   |   |   |                        |
|---|---|---|------------------------|
| ❖ SLC 201: Introduction to Linguistics (HU or SB) OR SLC 202: Exploring Cultures: Words, Images, Stories (HU & G) | 3 | C | • Develop your skills. |
| ❖ SPA 313: Spanish Conversation and Composition (G) OR SPA 315: Advanced Spanish I for Bilinguals (C)             | 3 | C |                        |

Term hours subtotal: 6

Term 3 - B 35 - 41 Credit Hours Critical course signified by ❖	Hours	Minimum Grade	Notes
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- |  |   |   |  |
|--|---|---|--|
| ❖ SPA 314: Spanish Conversation and Composition (G) OR SPA 316: Advanced Spanish II for Bilinguals (L & C) | 3 | C |  |
| Social-Behavioral Sciences (SB) AND Historical Awareness (H)   | 3 |   |  |
| ❖ Complete First-Year Composition requirement.   |   |   |  |
| ❖ Complete Mathematics (MA) requirement.   |   |   |  |

- ❖ Maintain 2.33 GPA in Critical Tracking Courses.

Term hours subtotal: 6

Term 4 - A 41 - 48 Credit Hours Critical course signified by ❖	Hours	Minimum Grade	Notes
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- |   |   |   |   |
|---|---|---|---|
| ❖ SPA 325: Introduction to Hispanic Literature (HU) | 3 | C | • Connect with ASU Online Career and Professional Development Services. |
| Natural Science - Quantitative (SQ)                 | 4 |   |   |

Term hours subtotal: 7

Term 4 - B 48 - 54 Credit Hours Critical course signified by ❖	Hours	Minimum Grade	Notes
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- |  |   |  |  |
|--|---|--|--|
| ❖ SPA 412: Advanced Conversation and Composition (G) | 3 |  |  |
| Elective   | 3 |  |  |
| ❖ Maintain 2.33 GPA in Critical Tracking Courses.    |   |  |  |

Term hours subtotal: 6

Term 5 - A 54 - 61 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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- |   |   |   |                                |
|---|---|---|--------------------------------|
| ★ Upper Division Major Electives                                      | 3 | C | • Create a first draft resume. |
| Natural Science - Quantitative (SQ) OR Natural Science - General (SG) | 4 |   |                                |

Term hours subtotal: 7

Term 5 - B 61 - 67 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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- |   |   |   |  |
|---|---|---|--|
| ★ SPA 400: Fundamentals of Spanish Linguistics (SB & G) | 3 | C |  |
| Upper Division Elective                                 | 3 |   |  |

Term hours subtotal: 6

Term 6 - A 67 - 73 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ 4** (400-Level) Spanish Literature	3	C
Literacy and Critical Inquiry (L)	3	
Term hours subtotal:	6	

- Use Handshake to research **employment opportunities**.

Term 6 - B 73 - 79 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
Computer/Statistics/Quantitative Applications (CS)	3		<ul style="list-style-type: none"> <li>• Earn credit toward your Spanish major abroad. Learn about your <b>study abroad</b> options.</li> <li>• Explore an <b>internship</b>.</li> </ul>
Upper Division Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 79 - 85 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ 4** (400-Level) SPA Culture or Linguistics Course	3	C	<ul style="list-style-type: none"> <li>• Use Handshake to research <b>employment opportunities</b>.</li> </ul>
Elective	3		
Term hours subtotal:	6		

Term 7 - B 85 - 91 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Elective	3		<ul style="list-style-type: none"> <li>• Develop your <b>professional online presence</b>.</li> </ul>
Elective	3		
Term hours subtotal:	6		

Term 8 - A 91 - 97 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Spanish Literature, Linguistics and Culture Electives	3	C	
Elective	3		
Term hours subtotal:	6		

Term 8 - B 97 - 103 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Spanish Literature, Linguistics and Culture Electives	3	C	<ul style="list-style-type: none"> <li>• Complete an in person or virtual <b>practice interview</b>.</li> </ul>
Elective	3		
Term hours subtotal:	6		

Term 9 - A 103 - 109 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Literacy and Critical Inquiry (L)	3		<ul style="list-style-type: none"> <li>• Gather <b>professional references</b>.</li> </ul>
Elective	3		
Term hours subtotal:	6		

Term 9 - B 109 - 114 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ POR 101: Elementary Portuguese I (G) OR POR 301: Portuguese for Spanish Speakers I	3-4	C	<ul style="list-style-type: none"> <li>• Three credit hours of POR 101 will be applied to the Spanish major requirements. The remaining one credit hour from POR 101 will be applied toward the 120 total credit hours required for graduation.</li> <li>• Learn about ways to <b>build skills</b>.</li> </ul>
Elective	2		
Term hours subtotal:	5-6		

Term 10 - A 114 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ Upper Division Spanish Literature, Linguistics and Culture Electives	3	C
Elective	3	
Term hours subtotal:	6	

- Attend a virtual career and internship fair event.

Hide Course List(s)/Track Group(s)

400-Level Spanish Literature	Upper Division Major Electives	400-Level SPA Culture or Linguistics Course
SPA 425: Understanding Spain: Literature and Culture Before 1700 (L or HU)	SPA 319: Business Correspondence and Communication (G)	SPA 417: The Sounds of Spanish (CS or SB)
SPA 426: Literature and Society in Modern Spain (HU)	SPA 394: Special Topics	SPA 418: Architecture of Spanish
SPA 427: Colonial and Postcolonial Latin American Literature (L or HU)	SPA 413: Spanish Grammar in Context (G)	SPA 419: Spanish Around the World (CS & C)
SPA 428: Foundational Texts of Latin American Literature Since Modernismo ((L or HU) & G)	SPA 414: Spanish for Sustainability and Environmental Studies	SPA 420: Applied Spanish Linguistics (L)
SPA 429: Writing Mexico: Major Texts ((L or HU) & G)	SPA 417: The Sounds of Spanish (CS or SB)	SPA 471: Civilization of the Indohispanomexicano Southwest ((L or HU) & C)
SPA 464: JaitÃ³n Works in Chicano/a Literature ((HU or SB) & C)	SPA 418: Architecture of Spanish	SPA 472: Latin American Society: Five Case Studies (HU & H & G)
SPA 486: Chicano/a Novel: Ãltima, Rafa y Lala	SPA 419: Spanish Around the World (CS & C)	SPA 473: Old and New Spaniards: Culture and Civilization of Spain ((HU or SB) & G)
SPA 487: Chicano/a Drama: Pachucos, Vendidos y Cerezitas (C)	SPA 420: Applied Spanish Linguistics (L)	
	SPA 425: Understanding Spain: Literature and Culture Before 1700 (L or HU)	
	SPA 426: Literature and Society in Modern Spain (HU)	
	SPA 427: Colonial and Postcolonial Latin American Literature (L or HU)	
	SPA 428: Foundational Texts of Latin American Literature Since Modernismo ((L or HU) & G)	
	SPA 429: Writing Mexico: Major Texts ((L or HU) & G)	
	SPA 464: JaitÃ³n Works in Chicano/a Literature ((HU or SB) & C)	
	SPA 470: Law, Societies and Justice in Latino-America (SB & G)	
	SPA 471: Civilization of the Indohispanomexicano Southwest ((L or HU) & C)	
	SPA 472: Latin American Society: Five Case Studies (HU & H & G)	
	SPA 473: Old and New Spaniards: Culture and Civilization of Spain ((HU or SB) & G)	
	SPA 484: Internship	
	SPA 486: Chicano/a Novel: Ãltima, Rafa y Lala	

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SPA 487: Chicano/a Drama: Pachucos,  
Vendidos y Cerezitas (C)

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SPA 494: Advanced Spanish for Healthcare

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SPA 494: Spanish with a Legal Focus

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Upper Division Spanish Literature, Linguistics  
and Culture Electives

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SPA 394: Special Topics

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SPA 417: The Sounds of Spanish (CS or SB)

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SPA 418: Architecture of Spanish

---

SPA 419: Spanish Around the World (CS &  
C)

---

SPA 420: Applied Spanish Linguistics (L)

---

SPA 425: Understanding Spain: Literature and  
Culture Before 1700 (L or HU)

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SPA 426: Literature and Society in Modern  
Spain (HU)

---

SPA 427: Colonial and Postcolonial Latin  
American Literature (L or HU)

---

SPA 428: Foundational Texts of Latin  
American Literature Since Modernismo ((L or  
HU) & G)

---

SPA 429: Writing Mexico: Major Texts ((L or  
HU) & G)

---

SPA 464: JaitÃ³n Works in Chicano/a  
Literature ((HU or SB) & C)

---

SPA 470: Law, Societies and Justice in  
Latino-America (SB & G)

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SPA 471: Civilization of the  
Indohispanomexicano Southwest ((L or HU) &  
C)

---

SPA 472: Latin American Society: Five Case  
Studies (HU & H & G)

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SPA 473: Old and New Spaniards: Culture and  
Civilization of Spain ((HU or SB) & G)

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SPA 486: Chicano/a Novel: Ãltima, Rafa y  
Lala

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SPA 494: Special Topics

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**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>

- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.








## 2023 - 2024 Major Map

### Technological Leadership, BS





School/College: [The College of Liberal Arts and Sciences](#)




Location: [Tempe](#)

LATECLDRBS





Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 IPI 196: Fundamentals of Inquiry	3	C	<ul style="list-style-type: none"> <li>Students will complete 6 credits of lower division making electives; see Course Lists/Track Groups section to see full list of lower division making course electives. Consult with your academic advisor if you have questions about course learning objectives.</li> <li>Students interested in IPI 341 / IPI 441, SES 307 / SES 407 and/or graduate work should enroll in MAT 265 or MAT 270.</li> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>Select your <a href="#">Career Interest Communities</a> and play <a href="#">me3@ASU</a>.</li> </ul>
 Lower Division Making Elective	3	C	
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
MAT 251: Calculus for Life Sciences (MA) OR MAT 265: Calculus for Engineers I (MA) OR MAT 270: Calculus with Analytic Geometry I (MA)	3-4	C	
PSY 101: Introduction to Psychology (SB)	3	C	
Term hours subtotal:	16-17		
Term 2 16 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 IPI 296: Inquiry (L) OR HUL 250: Introduction to Interdisciplinary Research (HU or SB)	3	C	<ul style="list-style-type: none"> <li>Students will complete 6 credits of lower division making electives; see Course Lists/Track Groups section to see full list of lower division making course electives. Consult with your academic advisor if you have questions about course learning objectives.</li> <li>Create a first draft <a href="#">resume</a>.</li> <li>Join a <a href="#">student club</a> or professional organization.</li> </ul>
 Lower Division Making Elective	3	C	
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
IPI 400: Fundamentals of Career Success	2	C	
Science and Society Elective	3	C	
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	14		
Summer 2 30 - 42 Credit Hours	Hours	Minimum Grade	Notes
COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3	C	
IPI 484: Internship	3	Y	


Humanities, Arts and Design (HU) AND Historical Awareness (H)	3
Social-Behavioral Sciences (SB)	3
Term hours subtotal:	12

Term 3 42 - 60 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 IPI 496: Advanced Inquiry	3	C	<ul style="list-style-type: none"> <li>Students will complete 12 credits of upper division making electives; see Course Lists/Track Groups section to see full list of upper division making course electives. Consult with your academic advisor if you have questions about course learning objectives.</li> </ul>
 Upper Division Making Elective	3	C	
AME 230: Programming for the Media Arts (CS) OR CSE 110: Principles of Programming (CS)	3	C	
STP 226: Elements of Statistics (CS)	3	C	
Literacy and Critical Inquiry (L)	3	C	
Elective	3	C	
 Complete Mathematics (MA) requirement.			
Complete First-Year Composition requirement.			
Term hours subtotal:	18		

Term 4 60 - 76 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 IPI 496: Advanced Inquiry	3	C	<ul style="list-style-type: none"> <li>Students will complete 12 credits of upper division making electives; see Course Lists/Track Groups section to see full list of upper division making course electives. Consult with your academic advisor if you have questions about course learning objectives.</li> <li>Develop your <b>professional online presence</b>.</li> </ul>
 Upper Division Making Elective	3	C	
PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ)	4	C	
Upper Division Leadership Elective	3	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3	C	
Term hours subtotal:	16		

Summer 4 76 - 89 Credit Hours	Hours	Minimum Grade	Notes
IPI 484: Internship	6	Y	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	3		
Term hours subtotal:	13		

Term 5 89 - 105 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 IPI 496: Advanced Inquiry	3	C	<ul style="list-style-type: none"> <li>Students will complete 12 credits of upper division making electives; see Course Lists/Track Groups section to see full list of upper division making course electives. Consult with your academic advisor if you have questions about course learning objectives.</li> <li>Use Handshake to research <b>employment opportunities</b>.</li> </ul>
 Upper Division Making Elective	3	C	
IPI 402: Technological Leadership Career Exploration	1	C	
PSY 302: The Psychology of Positive Leadership	3	C	
Upper Division Leadership Elective	3	C	
Upper Division Literacy and Critical Inquiry (L)	3	C	
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	16		

Term 6 105 - 120 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
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★ IPI 496: Advanced Inquiry	3	C
★ Upper Division Making Elective	3	C
Upper Division Leadership Elective	3	C
Upper Division Science and Society Elective	3	C
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB) AND Global Awareness (G) ( GPH 314 recommended)	3	
Term hours subtotal:	15	

- Students will complete 12 credits of upper division making electives; see Course Lists/Track Groups section to see full list of upper division making course electives. Consult with your academic advisor if you have questions about course learning objectives.
- Apply for full-time career opportunities.

- All students pursuing a B.S. or B.S.P. degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.
- **Selecting Making Electives:** In consultation with an academic advisor students must select and complete 6 lower division and 12 upper division making course electives. Students interested in IPI 341 / IPI 441, SES 307 / SES 407 should plan to enroll in MAT 265 or MAT 270.

Hide Course List(s)/Track Group(s)

Lower Division Making Electives (choose 6 credits)	Upper Division Making Electives (choose 12 credits)	Upper Division Leadership Electives (choose 9 credits)
AME 240: Introduction to Physical Computing	AME 330: Digital-Physical Systems	FIS 432: Problem Solving Through Strategic Thinking
HDA 296: Creative Futures: Studio	HDA 496: Creative Futures: Advanced Studio	MGT 380: Management and Strategy for Nonmajors
IPI 241: Designing and Making (Electronics and Programming)	IPI 341: Designing and Making (3D Printing and Fabrication)	OGL 300: Theory and Practice of Leadership
	IPI 441: Designing and Making: Advanced Projects	OGL 345: Organizational Ethics (HU)
	SES 307: Space Works I: Design, Build, Test	PMG 320: Project Approaches
	SES 407: Space Works II: Model, Fabricate, Test	SOC 334: Technology and Society (L or SB)
		WPC 300: Problem Solving and Actionable Analytics

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map



### Technological Leadership, BS



School/College: [The College of Liberal Arts and Sciences](#)



Location: [Online ASU Local](#)

LATECLDRBS

Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 IPI 196: Fundamentals of Inquiry	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar is required for all first-year students.</li> <li>Select your <b>Career Interest Communities</b> and play <b>me3@ASU</b>.</li> </ul>
ASU 101-LA: The ASU Experience	1		
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 Lower Division Making Elective	3	C	<ul style="list-style-type: none"> <li>Students will complete 6 credits of lower division making electives; see Course Lists/Track Groups section to see full list of lower division making course electives. Consult with your academic advisor if you have questions about course learning objectives.</li> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> </ul>
MAT 251: Calculus for Life Sciences (MA) OR MAT 265: Calculus for Engineers I (MA)	3	C	
PSY 101: Introduction to Psychology (SB)	3	C	
Term hours subtotal:	9		

Term 2 - A 16 - 26 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 HUL 250: Introduction to Interdisciplinary Research (HU or SB) OR IPI 296: Inquiry (L)	3	C	
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	10		

Term 2 - B 26 - 35 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 Lower Division Making Elective	3	C	<ul style="list-style-type: none"> <li>Students will complete 6 credits of lower division making electives; see Course Lists/Track Groups section to see full list of</li> </ul>
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		



❗ Complete ENG 101 OR ENG 105 OR ENG 107 course(s).

Term hours subtotal: 9

lower division making course electives. Consult with your academic advisor if you have questions about course learning objectives.

- Create a first draft [resume](#).

Summer 2 35 - 44 Credit Hours	Hours	Minimum Grade	Notes
IPI 484: Internship	3	Y	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	9		

Term 3 - A 44 - 53 Credit Hours Critical course signified by ❗	Hours	Minimum Grade	Notes
❗ IPI 496: Advanced Inquiry	3	C	
STP 226: Elements of Statistics (CS)	3	C	
Science and Society Elective	3	C	
Term hours subtotal:	9		

Term 3 - B 53 - 59 Credit Hours Critical course signified by ❗	Hours	Minimum Grade	Notes
❗ Upper Division Making Elective	3	C	<ul style="list-style-type: none"> <li>• Students will complete 12 credits of upper division making electives; see Course Lists/Track Groups section to see full list of upper division making course electives. Consult with your academic advisor if you have questions about course learning objectives.</li> </ul>
AME 230: Programming for the Media Arts (CS) OR CSE 110: Principles of Programming (CS)	3	C	
❗ Complete Mathematics (MA) requirement.			
Complete First-Year Composition requirement.			
Term hours subtotal:	6		

Term 4 - A 59 - 64 Credit Hours Critical course signified by ❗	Hours	Minimum Grade	Notes
❗ IPI 496: Advanced Inquiry	3	C	
IPI 400: Fundamentals of Career Success	2	C	
Term hours subtotal:	5		

Term 4 - B 64 - 73 Credit Hours Critical course signified by ❗	Hours	Minimum Grade	Notes
❗ Upper Division Making Elective	3	C	<ul style="list-style-type: none"> <li>• Students will complete 12 credits of upper division making electives; see Course Lists/Track Groups section to see full list of upper division making course electives. Consult with your academic advisor if you have questions about course learning objectives.</li> <li>• Develop your <a href="#">professional online presence</a>.</li> </ul>
COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB) OR COM 259: Communication in Business and the Professions	3	C	
Upper Division Leadership Elective	3	C	
Term hours subtotal:	9		

Summer 4 73 - 85 Credit Hours	Hours	Minimum Grade	Notes
IPI 484: Internship	6	Y	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Elective	3		
Term hours subtotal:	12		

Term 5 - A 85 - 95 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ IPI 496: Advanced Inquiry	3	C	
IPI 402: Technological Leadership Career Exploration	1	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Elective	3		
Term hours subtotal:	10		

Term 5 - B 95 - 105 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Upper Division Making Elective	3	C	<ul style="list-style-type: none"> <li>• Students will complete 12 credits of upper division making electives; see Course Lists/Track Groups section to see full list of upper division making course electives. Consult with your academic advisor if you have questions about course learning objectives.</li> <li>• Use Handshake to research <b>employment opportunities</b>.</li> </ul>
PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ)	4	C	
Upper Division Leadership Elective	3	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	10		

Term 6 - A 105 - 114 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ IPI 496: Advanced Inquiry	3	C	
PSY 302: The Psychology of Positive Leadership	3	C	
Upper Division Leadership Elective	3	C	
Term hours subtotal:	9		

Term 6 - B 114 - 120 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Upper Division Making Elective	3	C	<ul style="list-style-type: none"> <li>• Students will complete 12 credits of upper division making electives; see Course Lists/Track Groups section to see full list of upper division making course electives. Consult with your academic advisor if you have questions about course learning objectives.</li> <li>• Gather <b>professional references</b>.</li> </ul>
Upper Division Science and Society Elective	3	C	
Term hours subtotal:	6		

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.
- **Selecting Making Electives:** In consultation with an academic advisor, students must select and complete six lower division and 12 upper division "Making" course electives. Students interested in IPI 341 and IPI 441 should plan to enroll in MAT 265 or MAT 270.

Hide Course List(s)/Track Group(s)

Lower Division Making (choose 6 credits)

HDA 296: Creative Futures: Studio	Upper Division Making Electives (choose 12 credits)	Upper Division Leadership Electives (choose 9 credits)
IPI 241: Designing and Making (Electronics and Programming)	HDA 496: Creative Futures: Advanced Studio	FIS 432: Problem Solving Through Strategic Thinking
	IPI 341: Designing and Making (3D Printing and Fabrication)	LSE 305: Conceptualizing Learning: Theories in Practice
	IPI 441: Designing and Making: Advanced Projects	MGT 380: Management and Strategy for Nonmajors
		OGL 300: Theory and Practice of Leadership
		OGL 345: Organizational Ethics (HU)
		PMG 320: Project Approaches
		SOC 334: Technology and Society (L or SB)
		WPC 300: Problem Solving and Actionable Analytics

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.




## 2023 - 2024 Major Map



### Transborder Chicana/o and Latina/o Studies, BA

School/College: The College of Liberal Arts and Sciences

Location: Tempe

LATCLBA

Term 1 0 - 14 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li><b>ASU Language Placement:</b> Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, unless CLEP or AP credit fulfills this requirement. Majors are expected to fulfill this requirement in Spanish.</li> <li>Select your <b>Career Interest Communities</b> and play <a href="mailto:me3@asu">me3@asu</a>.</li> </ul>
 TCL 101: Latinas/os in the U.S. (HU & C)	3	C	
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
MAT 142: College Mathematics (MA)	3	C	
Second Language: Requirement satisfied through the following: * Completion of Spanish SPA language course at the intermediate level (202 or equivalent).	4	C	
Term hours subtotal:	14		

Term 2 14 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>Activate your <b>Handshake account</b> and build out your profile</li> <li>Create a first draft <b>resume</b></li> </ul>
Border Studies Track Course	3	C	
Second Language: Requirement satisfied through the following: * Completion of Spanish SPA language course at the intermediate level (202 or equivalent).	4	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s). Term hours subtotal:	16		

Term 3 30 - 44 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 TCL 201: Transborder Society and Culture I: Interdisciplinary Approaches (HU & C) OR TCL 202: Transborder Society and Culture II: Contemporary Issues (SB & C) OR TCL 220: Transborder Latina/o Expressive Culture ((L or HU or SB) & C) OR TCL 230: The Expressive Culture of Latin America and the Caribbean: A Transborder Perspective	3	C	<ul style="list-style-type: none"> <li>Join a <b>student club</b> or professional organization</li> <li>Secure a <b>part-time job</b> or volunteer experience</li> <li>Explore opportunities to <b>study abroad</b></li> </ul>

((L or HU or SB) & C) OR ASB 220: The Expressive Culture of Latin America and the Caribbean: A Transborder Perspective ((L or HU or SB) & C)

Second Language: Requirement satisfied through the following:

\* Completion of Spanish SPA language course at the intermediate level (202 or equivalent). 4 C

Humanities, Arts and Design (HU) 3

Natural Science - Quantitative (SQ) 4

❖ Complete Mathematics (MA) requirement.

Complete First-Year Composition requirement.

Term hours subtotal: 14

Term 4 44 - 61 Credit Hours Critical course signified by ❖	Hours	Minimum Grade	Notes
❖ Chicana/o and Latina/o Communities in the U.S. Track Course	3	C	<ul style="list-style-type: none"> <li>• Completion of The College Second Language requirement is recommended by Term 4</li> <li>• Explore an <a href="#">internship</a></li> <li>• Thinking about graduate school or law school? Consider registering for a grad school <a href="#">test prep course</a></li> </ul>
Second Language: Requirement satisfied through the following:			
* Completion of Spanish SPA language course at the intermediate level (202 or equivalent).	4	C	
Historical Awareness (H)	3		
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	17		

Term 5 61 - 76 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TCL 303: Transborder Theory (SB) OR SOC 303: Transborder Theory (SB)	3	C	<ul style="list-style-type: none"> <li>• Language requirement for the major may be fulfilled by AP Spanish credit earned</li> <li>• Develop your <a href="#">professional online presence</a></li> </ul>
Border Studies Track Course	3	C	
Language Requirement Track Course	3	C	
Global Awareness (G)	3		
Upper Division Elective	3		
Term hours subtotal:	15		

Term 6 76 - 91 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TCL 304: Transborder Research Methods (SB & C)	3	C	<ul style="list-style-type: none"> <li>• Use Handshake to research <a href="#">employment opportunities</a></li> <li>• Complete an in-person or virtual <a href="#">practice interview</a></li> </ul>
★ Upper Division Research/Project/Service Learning Track Course	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Complete 2 courses:			
Upper Division Elective	6		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 91 - 106 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TCL 305: Transborder Practicum and Field Research OR TCL 498: Pro-Seminar	3	C	<ul style="list-style-type: none"> <li>• Gather <a href="#">professional references</a></li> <li>• Attend <a href="#">career fairs, workshops, and related events</a> offered by Career and Professional Development Services</li> <li>• Apply for <a href="#">full-time career opportunities</a></li> </ul>
Chicana/o and Latina/o Communities in the U.S. Track Course	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	9		

Complete 2 courses:  
Upper Division Elective 6

Term hours subtotal: 15

Term 8 106 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Research/Project/Service Learning Track Course	3	C	• Apply for full-time career opportunities
Complete 3 courses: Upper Division Elective	9		
Elective	2		
Term hours subtotal:	14		

Hide Course List(s)/Track Group(s)

Border Studies	Chicana/o and Latina/o Communities in the U.S.	Research/Project/Service Learning
TCL 201: Transborder Society and Culture I: Interdisciplinary Approaches (HU & C)	TCL 111: Latinx Cultural Studies (HU & C)	TCL 305: Transborder Practicum and Field Research
TCL 202: Transborder Society and Culture II: Contemporary Issues (SB & C)	TCL 210: Introduction to Ethnic Studies in the U.S. (C)	TCL 321: Transborder Community Development and Health
TCL 310: Folklore of the Southwest (HU & C)	TCL 211: Latinx Poetics (HU & C)	TCL 355: Transborder Digital Media Making
TCL 331: Mexican American History to 1900 (SB & H & C)	TCL 220: Transborder Latina/o Expressive Culture ((L or HU or SB) & C)	TCL 484: Internship
TCL 332: Mexican American History Since 1900 (SB & H & C)	TCL 230: The Expressive Culture of Latin America and the Caribbean: A Transborder Perspective ((L or HU or SB) & C)	TCL 490: Transborder Queer Performativity (HU & C)
TCL 348: The Borders of Language (L)	TCL 314: Transborder Latin American Migration to the U.S. ((L or SB) & H & C)	TCL 492: Honors Directed Study
TCL 422: U.S.-Mexico Border Health	TCL 315: Latinx Family Structures (SB)	TCL 493: Honors Thesis (L)
TCL 443: Political Ecology of the Border (SB & G)	TCL 323: Latina/o Health Issues (SB & C)	TCL 498: Pro-Seminar
TCL 444: The Ethnography of Mexico and the Borderlands (SB & G)	TCL 326: Health of Chicanas and Latinas (SB & C)	TCL 499: Individualized Instruction
	TCL 327: Health and Migration (SB)	
	TCL 335: Historical Studies in Race, Crime, and the Law	
	TCL 340: Chicana/o and Latina/o Politics and Policy (L & C)	
	TCL 341: Latinas/os and the City (C)	
	TCL 342: Social Demographics of Latino Populations (SB & C)	
	TCL 343: Latinas/os and the Environment	
	TCL 352: Chicana/o Film (C)	
	TCL 360: Inequality and Diversity in Education (L & C)	

TCL 362: Urban Communication: Reinventing the Latinx City

TCL 363: Transborder Mexican and Chicano/a Literature of Southwest North America ((L or HU) & C)

TCL 373: Latina/Chicana Issues (SB & C)

TCL 377: Arizona, Immigration, Latinos and Politics

TCL 410: Race, Medicine, and the Body (L)

TCL 447: Gender, Culture, and Development ((L or SB) & G)

TCL 464: Latina/o Literature ((L or HU) & C)

TCL 471: Latinos In Hollywood (HU & C)

TCL 485: Chicana and Latina Writers ((L or HU) & C)

Language Requirement

SPA 3\*\* Elective

SPA 4\*\* Elective

TCL 275: Culture, Language and Learning (SB & C)

TCL 348: The Borders of Language (L)

TCL 371: Language Hegemony and Culture

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

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**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

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**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.





## 2023 - 2024 Major Map




### Urban Planning, BSP




School/College: [The College of Liberal Arts and Sciences](#)



Location: [Tempe](#)



ARPUBSP




Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 GIS 205: Geographic Information Science I (CS) OR PUP 190: Sustainable Cities ((HU or SB) & G)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>Set up your <a href="#">Handshake account</a>, play <a href="#">me3@ASU</a> and select your <a href="#">career interest area</a>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
LIA 101: Student Success in The College of Liberal Arts and Sciences	1		
Social-Behavioral Sciences (SB)	3		
<i>Complete 2 courses:</i>			
Elective	6		
Term hours subtotal:	16		



Term 2 16 - 31 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 142: College Mathematics (MA)	3	C	<ul style="list-style-type: none"> <li>Join a <a href="#">student club</a> or professional organization. Information on ASU student organizations sponsored by the School of Geographical Sciences and Urban Planning is available <a href="#">here</a>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
GIS OR PUP Elective	3	C	
<i>Complete 2 courses:</i>			
Elective	6		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		

Term 3 31 - 44 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 GIS 205: Geographic Information Science I (CS) OR PUP 190: Sustainable Cities ((HU or SB) & G)	3	C	<ul style="list-style-type: none"> <li>For a full list of Science and Society courses, go <a href="#">here</a>.</li> <li>Visit the <a href="#">SGSUP Career Development page</a> to schedule a meeting with your career advisor for assistance with career planning and networking.</li> </ul>
Science and Society Elective	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Natural Science - Quantitative (SQ)	4		
 Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	13		

Term 4 44 - 60 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 PUP 301: Introduction to Urban Planning (L)	3	C	<ul style="list-style-type: none"> <li>• Students interested in <b>finding an internship</b> should start investigating internship opportunities and researching potential internship sites. Students can <b>earn academic credit while completing an internship</b>.</li> <li>• Create your professional online presence on <b>LinkedIn</b>.</li> </ul>
GIS 270: Statistics for Geography and Planning	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Complete 2 courses:			
Elective	6		
Term hours subtotal:	16		

Term 5 60 - 75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 PUP Upper Division Elective	3	C	<ul style="list-style-type: none"> <li>• For more information about the Science and Society requirement, visit <b>this webpage</b>.</li> <li>• Students interested in <b>conducting supervised research</b> with a faculty member should initiate contact with faculty members who perform research in their content area of interest.</li> <li>• Students interested in pursuing an accelerated master's degree in <b>urban and environmental planning</b> should initiate contact with <b>graduate advising</b>.</li> </ul>
Upper Division Science and Society Elective	3	C	
Related Area Course	3	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
Elective	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 PUP Upper Division Elective OR PUP 484: Internship	3	C	<ul style="list-style-type: none"> <li>• Visit the <b>SGSUP Career Development page</b> to schedule a meeting with your career advisor for resume review, mock interviewing, or advisement on job searching.</li> <li>• Students interested in continuing to graduate study following the completion of the undergraduate program should start investigating potential graduate programs, including admissions requirements and deadlines. Information on the graduate programs offered through the School of Geographical Sciences and Urban Planning is available <b>here</b>.</li> </ul>
Related Area Course	3	C	
Literacy and Critical Inquiry (L)	3		
Complete 2 courses:			
Upper Division Elective	6		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 PUP Upper Division Elective OR PUP 484: Internship	3	C	<ul style="list-style-type: none"> <li>• Students interested in entering the job market after graduation should start researching job opportunities. Information on careers in related fields is available at the School of</li> </ul>
GIS OR PUP Upper Division Elective	3	C	
Complete 3 courses:			
Upper Division Elective	9		
Term hours subtotal:	15		

Geographical Sciences & Urban Planning [Job List](#), [ACSP Career Page](#), and [APA Career Center](#).

- Use Handshake to search for [employment opportunities](#).

Term 8 105 - 120 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ PUP 424: Planning Methods	4	C	<ul style="list-style-type: none"> <li>• Use <a href="#">SGSUP Employment Opportunities</a> site to find full-time or part-time employment opportunities.</li> <li>• Don't forget to <a href="#">apply for graduation!</a></li> <li>• Stay connected with the School of Geographical Sciences and Urban Planning by connecting on <a href="#">LinkedIn</a>.</li> </ul>
Related Area Course	3	C	
Upper Division Social-Behavioral Sciences (SB) OR Upper Division Humanities, Arts and Design (HU)	3		
Complete 2 courses: Upper Division Elective	5		
Term hours subtotal:	15		

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Related Area Courses

ALA OR ASB OR GCU OR GIS OR GPH OR PUP OR SGS OR SOC OR SOS Elective

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum

**General University Requirements Legend**

- General Studies Core Requirements:
- Literacy and Critical Inquiry (L)

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**Total College Residency Hrs:** 12 minimum

- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.







## 2023 - 2024 Major Map

### Urban Planning, BSP




School/College: [The College of Liberal Arts and Sciences](#)



Location: [Online ASU Local](#)

ARPUBBSP

Term 1 - A 0 - 7 Credit Hours	Hours	Minimum Grade	Notes
ASU 101-LA: The ASU Experience	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>Set up your <a href="#">Handshake</a>, <a href="#">playme3</a> and select your <a href="#">career interest area</a>.</li> </ul>
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	7		
Term 1 - B 7 - 13 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 GIS 205: Geographic Information Science I (CS) OR PUP 190: Sustainable Cities ((HU or SB) & G)	3	C	<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> </ul>
Elective	3		
Term hours subtotal:	6		
Term 2 - A 13 - 19 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 142: College Mathematics (MA)	3	C	<ul style="list-style-type: none"> <li>Join a <a href="#">student club</a> or professional organization. Information on ASU student organizations sponsored by the School of Geographical Sciences and Urban Planning is available <a href="#">here</a>.</li> </ul>
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	6		
Term 2 - B 19 - 25 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
GIS OR PUP Elective	3	C	
Social-Behavioral Sciences (SB)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	6		
Term 3 - A 25 - 32 Credit Hours	Hours	Minimum Grade	Notes
Related Area Course	3	C	
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	7		

- Visit the [SGSUP Career Development page](#) to schedule a meeting with your career advisor for assistance with career planning and networking.



Term 3 - B 32 - 38 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 GIS 205: Geographic Information Science I (CS) OR PUP 190: Sustainable Cities ((HU or SB) & G)	3	C	
Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C)	3		
 Complete First-Year Composition requirement.			
Complete Mathematics (MA) requirement.			
Term hours subtotal:	6		

Term 4 - A 38 - 44 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 GIS 270: Statistics for Geography and Planning	3	C	
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	6		

- Students interested in **finding an internship** should start investigating internship opportunities and researching potential internship sites. Students can **earn academic credit while completing an internship**.

Term 4 - B 44 - 51 Credit Hours	Hours	Minimum Grade	Notes
Related Area Course	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	7		



- Create your professional online presence on [LinkedIn](#).



Term 5 - A 51 - 57 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 PUP 301: Introduction to Urban Planning (L)	3	C	
Related Area Course	3	C	
Term hours subtotal:	6		



- Students interested in **conducting supervised research** with a faculty member should initiate contact with faculty members who perform research in their content area of interest.

Term 5 - B 57 - 63 Credit Hours	Hours	Minimum Grade	Notes
Science and Society Elective	3	C	
Elective	3		
Term hours subtotal:	6		

- For a full list of Science and Society courses, go [here](#).
- Students interested in continuing to graduate study following the completion of the undergraduate program should start investigating potential graduate programs, including admissions requirements and deadlines. Information on the graduate programs offered through the School of Geographical Sciences and Urban Planning is available [here](#).

Term 6 - A 63 - 69 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 PUP Upper Division Elective OR PUP 484: Internship	3	C	<ul style="list-style-type: none"> <li>Visit the <a href="#">SGSUP Career Development page</a> to schedule a meeting with your career advisor for resume review, mock interviewing, or advisement on job searching.</li> </ul>
Elective	3		
Term hours subtotal:	6		

Term 6 - B 69 - 75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
Upper Division Elective	3		<ul style="list-style-type: none"> <li>Search available internships on the <a href="#">SGSUP Internship Opportunities</a> site.</li> </ul>
Elective	3		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 75 - 81 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 PUP Upper Division Elective OR PUP 484: Internship	3	C	<ul style="list-style-type: none"> <li>For more information on the Science and Society requirement, go to <a href="#">this webpage</a>.</li> <li>Students interested in entering the job market after graduation should be reviewing the <a href="#">SGSUP employment opportunities</a> site.</li> </ul>
Upper Division Science and Society Elective	3	C	
Term hours subtotal:	6		

Term 7 - B 81 - 87 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Social-Behavioral Sciences (SB) OR Upper Division Humanities, Arts and Design (HU)	3		<ul style="list-style-type: none"> <li>Students interested in entering the job market after graduation should start researching job opportunities. Information on careers in related fields is available at the School of Geographical Sciences and Urban Planning <a href="#">job list</a>, <a href="#">ACSP career page</a>, and <a href="#">APA Career Center</a>.</li> </ul>
Upper Division Elective	3		
Term hours subtotal:	6		

Term 8 - A 87 - 93 Credit Hours	Hours	Minimum Grade	Notes
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	6		

Term 8 - B 93 - 99 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 PUP Upper Division Elective	3	C	
Elective	3		
Term hours subtotal:	6		

Term 9 - A 99 - 104 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Elective	2		

Elective	3
Term hours subtotal:	5

Term 9 - B 104 - 111 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ PUP 424: Planning Methods	4	C	
Elective	3		
Term hours subtotal:	7		

Term 10 - A 111 - 117 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ GIS OR PUP Upper Division Elective	3	C	<ul style="list-style-type: none"> <li>• Explore career opportunities on <a href="#">Handshake</a> and <a href="#">SGSUP's Employment Opportunities page</a>.</li> <li>• Don't forget to <a href="#">apply for graduation!</a></li> <li>• Stay connected with the School of Geographical Sciences and Urban Planning by connecting on <a href="#">LinkedIn</a>.</li> </ul>
Upper Division Elective	3		
Term hours subtotal:	6		

Term 10 - B 117 - 120 Credit Hours	Hours	Minimum Grade	Notes
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Upper Division Elective	3		
Term hours subtotal:	3		

- All students pursuing a BS or BSP degree in The College of Liberal Arts and Sciences must complete two courses from the Science and Society list found at <https://thecollege.asu.edu/resources/science-society>. At least one of the two courses must be upper-division and students must earn a C or better in the courses. Both Science and Society courses (i.e., all six credits) may count towards any major, minor, related fields, and ASU General Studies requirements.

Hide Course List(s)/Track Group(s)

Related Area Courses

ALA OR ASB OR GCU OR GIS OR GPH OR PUP OR SGS OR SOC OR SOS Elective

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Please keep in mind that the applicability of a specific transfer course toward an ASU degree program depends on the requirements of the department, division, college or school in which you are enrolled at ASU. Transfer agreements that guarantee the completion of university level requirements do not necessarily meet college and major requirements. Please consult with an advisor for more information.

**Total Hours:** 120

**General University Requirements Legend**



**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum  
**Total College Residency Hrs:** 12 minimum

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

## 2023 - 2024 Major Map

### Applied Science (Health Entrepreneurship and Innovation), **BAS**

School/College: Edson College of Nursing and Health Innovation

Location: Downtown Phoenix, West

NUHCIBAS

Applicable Community College Prerequisites 0 - 60 Credit Hours	Hours	Minimum Grade	Notes
AAS Transfer Degree Block	60		
Term hours subtotal:	60		<ul style="list-style-type: none"> <li>• Students may meet lower division general studies requirements with the AAS degree.</li> <li>• Students must complete all ASU general studies requirements in order to earn ASU BAS degree.</li> <li>• Students should work with their academic advisor to run DARS graduation audit to determine needed general studies requirements.</li> </ul>

Term 5 60 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HCI 311: Health Innovation: Foundational Concepts	3	C	
★ HCI 313: Philosophy of Science in Health Care: Understanding Paradigms of Health and Healing	3	C	
★ TWC 347: Written Communication for Managers (L) OR TWC 362: Writing in Health Professions (L)	3	C	
Complete 2 courses:			
Any needed lower division General Studies requirement OR Elective	6		
Term hours subtotal:	15		<ul style="list-style-type: none"> <li>• Update your <b>resume</b>.</li> <li>• Join a <b>professional organization</b>.</li> <li>• Activate your <b>Handshake</b> account and build your profile.</li> </ul>

Term 6 75 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ BIO 312: Bioethics (HU) or IAS 340: Bioethics (HU) or PHI 320: Bioethics (HU) OR BIS 345: Organizational Ethics (HU) or OGL 345: Organizational Ethics (HU) OR IAS 409: Eco-Community Ethics (HU) or PHI 409: Eco-Community Ethics (HU) OR LES 305: Business Law and Ethics for Managers OR MED 320: Applied Medical/Health Care Ethics (HU) OR PHI 306: Applied Ethics (HU) OR PHI 360: Business and Professional Ethics (HU)	3	C	
★ HCI 344: Management and Leadership in Health Organizations OR HCI 412: Transforming Health Care: A Systems Perspective for Innovation OR HCI 421: Health Care Policy: The Innovator's View OR HCI 425: Facilitating Innovation to Achieve Outcomes OR HCI 428: Technology: A Tool to Advance Innovation in Health Care	3	C	<ul style="list-style-type: none"> <li>• Students with a transfer statistics course may take an elective. Please check with your advisor.</li> <li>• Students with transfer courses meeting ASU's Humanities, Arts and Design (HU) requirements may take an elective. Please check with your advisor.</li> <li>• Develop your <b>professional online presence</b>.</li> <li>• Connect with your advisor to learn more about the accelerated pathways to the <b>MS in Aging and Master of Healthcare Innovation</b>. These innovative pathways provide an opportunity for you to share</li> </ul>

★ STP 226: Elements of Statistics (CS) OR STS 401: Statistics in Science and Technology Studies (CS) OR STP 420: Introductory Applied Statistics (CS) OR SOC 390: Social Statistics I (CS)	3	C	up to 11-12 credit hours to accelerate completion of a master's degree.
Complete 2 courses: Upper Division Elective	6		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
Complete 2 courses: HCI 344: Management and Leadership in Health Organizations OR ★ HCI 412: Transforming Health Care: A Systems Perspective for Innovation OR HCI 421: Health Care Policy: The Innovator's View OR HCI 425: Facilitating Innovation to Achieve Outcomes OR HCI 428: Technology: A Tool to Advance Innovation in Health Care	6	C	<ul style="list-style-type: none"> <li>• Explore graduate programs including the Master of Healthcare Innovation (MHI) degree at ASU.</li> <li>• Gather academic and professional references.</li> <li>• Complete an in person or virtual practice interview.</li> </ul>
★ HCR 400: Evidence-Based Practice for the Health Care Professional	3	C	
★ HCR 406: Health Literacy for Health Care Professionals	3	C	
Any needed lower division General Studies requirement OR Elective	3		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
BIS 343: Social Processes in Organizations (SB) OR BIS 353: Interdisciplinary Leadership (SB) OR COM 430: Leadership in Group Communication OR OGL 350: Diversity and Organizations (L & C) OR ★ OGL 355: Leading Organizational Innovation and Change OR PAF 311: Leadership and Change (SB) OR PAF 410: Building Leadership Skills (SB)	3	C	<ul style="list-style-type: none"> <li>• Connect with us as a member of our alumni community.</li> <li>• Update your resume.</li> <li>• Use Handshake to research employment opportunities.</li> </ul>
Complete 2 courses: HCI 344: Management and Leadership in Health Organizations OR HCI ★ 412: Transforming Health Care: A Systems Perspective for Innovation OR HCI 421: Health Care Policy: The Innovator's View OR HCI 425: Facilitating Innovation to Achieve Outcomes OR HCI 428: Technology: A Tool to Advance Innovation in Health Care	6	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Any needed lower division General Studies requirement OR Elective	3		
Term hours subtotal:	15		

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 60 maximum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

## 2023 - 2024 Major Map

### Applied Science (Health Entrepreneurship and Innovation), **BAS**

School/College: [Edson College of Nursing and Health Innovation](#)

Location: [Online ASU Local](#)

NUHCIBAS

Applicable Community College Prerequisites 0 - 60 Credit Hours	Hours	Minimum Grade	Notes
AAS Transfer Degree Block	60		
Term hours subtotal:	60		<ul style="list-style-type: none"> <li>• Students may meet lower division general studies requirements with the AAS degree.</li> <li>• Students must complete all ASU general studies requirements in order to earn ASU BAS degree.</li> <li>• Students should work with their academic advisor to run DARS graduation audit to determine needed general studies requirements.</li> </ul>

Term 5 - A 60 - 66 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HCI 311: Health Innovation: Foundational Concepts	3	C	
★ TWC 347: Written Communication for Managers (L) OR TWC 362: Writing in Health Professions (L)	3	C	<ul style="list-style-type: none"> <li>• Update your <b>resume</b>.</li> <li>• Join a <b>professional organization</b>.</li> </ul>
Term hours subtotal:	6		

Term 5 - B 66 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
BIS 345: Organizational Ethics (HU) or OGL 345: Organizational Ethics (HU) OR LES 305: Business Law and Ethics for Managers OR ★ MED 320: Applied Medical/Health Care Ethics (HU) OR PHI 306: Applied Ethics (HU) OR PHI 320: Bioethics (HU) OR PHI 360: Business and Professional Ethics (HU)	3	C	<ul style="list-style-type: none"> <li>• Students with a transfer statistics course may take an elective. Please check with your advisor.</li> <li>• Students with transfer courses meeting general studies may take electives. Please check with your advisor for details.</li> <li>• Activate your <b>Handshake</b> account and build your profile.</li> </ul>
★ HCI 313: Philosophy of Science in Health Care: Understanding Paradigms of Health and Healing	3	C	
★ STP 226: Elements of Statistics (CS) OR STS 401: Statistics in Science and Technology Studies (CS) OR STP 420: Introductory Applied Statistics (CS) OR SOC 390: Social Statistics I (CS)	3	C	
Term hours subtotal:	9		

Term 6 - A 75 - 81 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
BIS 343: Social Processes in Organizations (SB) OR BIS 353: Interdisciplinary Leadership (SB) OR COM 430: Leadership in Group Communication OR OGL 350: Diversity and Organizations (L & C) ★ OR OGL 355: Leading Organizational Innovation and Change OR	3	C	<ul style="list-style-type: none"> <li>• Develop your <b>professional online presence</b>.</li> <li>• Connect with your advisor to learn more about the accelerated pathways to the <b>MS</b></li> </ul>

PAF 311: Leadership and Change (SB) OR PAF 410: Building Leadership Skills (SB)

HCI 344: Management and Leadership in Health Organizations OR

HCI 412: Transforming Health Care: A Systems Perspective for

★ Innovation OR HCI 421: Health Care Policy: The Innovator's View 3 C  
OR HCI 425: Facilitating Innovation to Achieve Outcomes OR HCI 428: Technology: A Tool to Advance Innovation in Health Care

Term hours subtotal: 6

in Aging and Master of Healthcare Innovation. These innovative pathways provide an opportunity for you to share up to 11-12 credit hours to accelerate completion of a master's degree.

Term 6 - B 81 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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HCI 344: Management and Leadership in Health Organizations OR HCI

412: Transforming Health Care: A Systems Perspective for Innovation

★ OR HCI 421: Health Care Policy: The Innovator's View OR HCI 425: 3 C  
Facilitating Innovation to Achieve Outcomes OR HCI 428: Technology: A Tool to Advance Innovation in Health Care

- Develop your skills.

★ HCR 406: Health Literacy for Health Care Professionals 3 C

Any needed lower division General Studies requirement OR Elective 3

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 9

Term 7 - A 90 - 96 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ HCR 400: Evidence-Based Practice for the Health Care Professional 3 C

Upper Division Humanities, Arts and Design (HU) OR Upper

Division Social-Behavioral Sciences (SB) 3

- Explore graduate programs including the Master of Healthcare Innovation (MHI) degree at ASU.
- Gather academic and professional references.

Term hours subtotal: 6

Term 7 - B 96 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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HCI 344: Management and Leadership in Health Organizations OR HCI

412: Transforming Health Care: A Systems Perspective for Innovation

★ OR HCI 421: Health Care Policy: The Innovator's View OR HCI 425: 3 C  
Facilitating Innovation to Achieve Outcomes OR HCI 428: Technology: A Tool to Advance Innovation in Health Care

- Complete a virtual practice interview.

Upper Division Elective 3

Any needed lower division General Studies requirement OR Elective 3

Term hours subtotal: 9

Term 8 - A 105 - 111 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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HCI 344: Management and Leadership in Health Organizations OR HCI

412: Transforming Health Care: A Systems Perspective for Innovation

★ OR HCI 421: Health Care Policy: The Innovator's View OR HCI 425: 3 C  
Facilitating Innovation to Achieve Outcomes OR HCI 428: Technology: A Tool to Advance Innovation in Health Care

- Update your resume.
- Use Handshake to research employment opportunities.

Upper Division Elective 3

Term hours subtotal: 6

Term 8 - B 111 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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HCI 344: Management and Leadership in Health Organizations OR HCI

412: Transforming Health Care: A Systems Perspective for Innovation

- Connect with us as a member of our alumni community.

★ OR HCI 421: Health Care Policy: The Innovator's View OR HCI 425: Facilitating Innovation to Achieve Outcomes OR HCI 428: Technology: A Tool to Advance Innovation in Health Care	3	C
<hr/>		
Complete 2 courses:		
Any needed lower division General Studies requirement OR Elective	6	
<hr/>		
Term hours subtotal:	9	

Hide Course List(s)/Track Group(s)

**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 60 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.







## 2023 - 2024 Major Map







### Community Health, BS




School/College: [Edson College of Nursing and Health Innovation](#)

Location: [Downtown Phoenix, West, ASU at Lake Havasu](#)

NUCHLTBS

Term 1 0 - 14 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ASU 101-NU: The ASU Experience	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>Select your <b>Career Interest Communities</b>, play me3@ASU and review <b>academic programs</b>.</li> <li>Activate your <b>Handshake</b> account and build out your profile.</li> <li>Meet with your <b>First-Year Success Coach</b>.</li> <li>Review the <b>Edson College Student Experience</b> opportunities.</li> <li>An internship or experiential learning is required for this degree program.</li> </ul>
 CHM 101: Introductory Chemistry (SQ) OR BIO 201: Human Anatomy and Physiology I (SG)	4	C	
 ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
 HCR 220: Introduction to Health Professions and the U.S. Health Care System (H)	3	C	
 MAT course (MA) ( MAT 142 OR MAT 117 recommended)	3	C	
Term hours subtotal:	14		

Term 2 14 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CDE 232: Human Development (SB) OR PSY 101: Introduction to Psychology (SB)	3	C	<ul style="list-style-type: none"> <li>Create a first draft <b>resume</b>.</li> <li>Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> <li>Attend a <b>Study Abroad 101 Session</b>.</li> <li>Explore <b>engagement opportunities</b> in the Edson College of Nursing and Health Innovation.</li> <li>Join a <b>student club</b> or <b>professional organization</b>.</li> </ul>
 CHM 101: Introductory Chemistry (SQ) OR BIO 201: Human Anatomy and Physiology I (SG)	4	C	
 ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
 HCR 210: Ethics for the Health Care Professional (HU)	3	C	
 STP 226: Elements of Statistics (CS) OR SOC 390: Social Statistics I (CS) OR SWU 321: Statistics for Social Workers (CS)	3	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 30 - 44 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 BIO 202: Human Anatomy and Physiology II (SG)	4	C	<ul style="list-style-type: none"> <li>Explore <b>minors</b> or <b>certificates</b>.</li> </ul>
 CDE 232: Human Development (SB) OR PSY 101: Introduction to Psychology (SB)	3	C	



⚠ HCR 230: Culture and Health (C & G)	3	C
⚠ MIC 205: Microbiology (SG)	3	C
⚠ MIC 206: Microbiology Laboratory (SG)	1	C

Complete Mathematics (MA) requirement.

Term hours subtotal: 14

Term 4 44 - 60 Credit Hours Critical course signified by ⚠	Hours	Minimum Grade	Notes
⚠ HCR 231: Fundamentals of Community Health	3	C	<ul style="list-style-type: none"> <li>Explore <b>internship</b> opportunities. Connect with your advisor to learn more about the internship or experiential learning requirement for this degree program.</li> <li>Schedule an appointment with your <b>advisor</b> to review your academic progress.</li> </ul>
⚠ HCR 240: Human Pathophysiology	4	C	
⚠ NTR 241: Human Nutrition	3	C	
SOC course (SB)	3	C	
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	16		

Term 5 60 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
HCR 331: Communication within Communities OR HCR 335: Program Development and Management for Community Health OR HCR 336: Environmental Community Health	3	C	<ul style="list-style-type: none"> <li>Develop your <b>professional online presence</b>.</li> <li>Complete <b>informational interviews</b>.</li> </ul>
★ HCR 430: Foundation to Health Care Systems	3	C	
★ TWC 347: Written Communication for Managers (L) OR TWC 362: Writing in Health Professions (L)	3	C	
CHS 340: Health Theory	3	C	
COM 225: Public Speaking (L)	3	C	
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HCR 301: Research Methods for the Health Care Professional	3	C	<ul style="list-style-type: none"> <li>Connect with your advisor to learn more about the accelerated pathways to the <b>MS in Aging</b> and <b>Master of Healthcare Innovation</b>. These innovative pathways provide an opportunity for you to share up to 11-12 credit hours to accelerate completion of a master's degree.</li> <li>Use <b>Handshake</b> to research employment opportunities.</li> <li>Complete an in person or virtual <b>practice interview</b>.</li> <li>An internship or experiential learning course is required for degree completion. Connect with your advisor to review options.</li> </ul>
★ HCR 303: Assessing Needs, Assets and Capacity for Health Education	3	C	
Complete 2 courses:			
★ HCR 331: Communication within Communities OR HCR 335: Program Development and Management for Community Health OR HCR 336: Environmental Community Health	6	C	
SOC 352: Social Change (SB & G & H) OR HCR 471: Interprofessional Education and Community Health	3	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HCR 400: Evidence-Based Practice for the Health Care Professional	3	C	<ul style="list-style-type: none"> <li>Explore graduate programs including ASU's <b>Master of Healthcare Innovation</b>, <b>MS in Aging</b>, <b>MS in Health Care Simulation</b>, the <b>MS in Regulatory Science</b>, and the <b>MS in Nursing (Entry to Nursing Practice)</b>.</li> <li>Gather <b>professional references</b>.</li> </ul>
★ HCR 406: Health Literacy for Health Care Professionals	3	C	
★ HCR 435: Leaders in Community Health	3	C	
★ Internship or Experiential Learning	1		

HCI 311: Health Innovation: Foundational Concepts	3	C
Elective	2	
Term hours subtotal:		15

- Update your **resume**.

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HCR 439: Community Health Capstone	3	C	<ul style="list-style-type: none"> <li>• Apply for <b>full-time career opportunities</b>.</li> <li>• Connect with us as a member of our <b>alumni community</b>.</li> </ul>
HCI 428: Technology: A Tool to Advance Innovation in Health Care	3	C	
PAF 311: Leadership and Change (SB)	3	C	
Complete 2 courses:	6		
Elective			
Term hours subtotal:		15	

- An internship, research, or experiential learning course is required for all students in the BS Community Health degree program. Please reach out to your assigned advisor for more information about this requirement.

Hide Course List(s)/Track Group(s)

Internship or Experiential Learning
HCI 484: Internship
HCR 280: Team-Based Research Practicum
HCR 471: Interprofessional Education and Community Health
HCR 472: Interprofessional Education and Complex Health
HCR 473: Interprofessional Education and Comprehensive Systems Health
HCR 480: Advanced Team-Based Research Practicum
HCR 484: Internship
HCR 493: Honors Thesis (L)
NUR 493: Honors Thesis (L)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum

**General University Requirements Legend**  
 General Studies Core Requirements:

**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for**  
**Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.




## 2023 - 2024 Major Map




### Community Health, BS


School/College: [Edson College of Nursing and Health Innovation](#)





Location: [Online ASU Local](#)

NUCHLTBS

Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ASU 101-NU: The ASU Experience	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>Become familiar with the student focused <b>services and perks</b> available to ASU Online students.</li> <li>Review <b>library</b> resources.</li> <li>An internship or experiential learning is required for this degree program.</li> </ul>
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
 MAT course (MA) ( MAT 142 OR MAT 117 recommended)	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 14 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CHM 101: Introductory Chemistry (SQ) OR BIO 201: Human Anatomy and Physiology I (SG)	4	C	<ul style="list-style-type: none"> <li>Select your <b>Career Interest Communities</b>, play <b>me3@ASU</b> and review <b>academic programs</b>.</li> <li>Create a first draft <b>resume</b>.</li> <li>Explore <b>study abroad</b> options.</li> <li>View ASU Online first-year student registration information <b>here</b>.</li> </ul>
 HCR 220: Introduction to Health Professions and the U.S. Health Care System (H)	3	C	
Term hours subtotal:	7		

Term 2 - A 14 - 21 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CHM 101: Introductory Chemistry (SQ) OR BIO 201: Human Anatomy and Physiology I (SG)	4	C	<ul style="list-style-type: none"> <li>Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> </ul>
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 2 - B 21 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CDE 232: Human Development (SB) OR PSY 101: Introduction to Psychology (SB)	3	C	<ul style="list-style-type: none"> <li>Apply for a <b>study abroad</b> experience.</li> <li>Join a <b>professional organization</b>.</li> </ul>
 HCR 210: Ethics for the Health Care Professional (HU)	3	C	
 STP 226: Elements of Statistics (CS) OR SOC 390: Social Statistics I (CS) OR SWU 321: Statistics for Social Workers (CS)	3	C	

Complete ENG 101 OR ENG 105 OR ENG 107 course(s).

Term hours subtotal: 9

Term 3 - A 30 - 37 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
⚠ HCR 230: Culture and Health (C & G)	3	C	• Develop your <b>skills</b> .
⚠ MIC 205: Microbiology (SG)	3	C	
⚠ MIC 206: Microbiology Laboratory (SG)	1	C	
Term hours subtotal:	7		

Term 3 - B 37 - 44 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
⚠ BIO 202: Human Anatomy and Physiology II (SG)	4	C	• Explore <b>Career Webinars</b> .
⚠ CDE 232: Human Development (SB) OR PSY 101: Introduction to Psychology (SB)	3	C	
Complete Mathematics (MA) requirement.			
Term hours subtotal:	7		

Term 4 - A 44 - 53 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
⚠ HCR 231: Fundamentals of Community Health	3	C	• Explore <b>Career Advising</b> .
SOC course (SB) (SOC 101 recommended)	3	C	
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	9		

Term 4 - B 53 - 60 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
⚠ HCR 240: Human Pathophysiology	4	C	<ul style="list-style-type: none"> <li>• Explore an <b>internship</b> opportunities. Connect with your advisor to learn more about the internship or experiential learning requirement for this degree program.</li> <li>• Schedule an appointment with your <b>advisor</b> to review your academic progress.</li> </ul>
⚠ NTR 241: Human Nutrition	3	C	
Term hours subtotal:	7		

Term 5 - A 60 - 66 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ TWC 347: Written Communication for Managers (L) OR TWC 362: Writing in Health Professions (L)	3	C	• Explore the <b>Career Guide</b> .
CHS 340: Health Theory	3	C	
Term hours subtotal:	6		

Term 5 - B 66 - 75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ HCR 331: Communication within Communities OR HCR 335: Program Development and Management for Community Health	3	C	• Develop your <b>professional online presence</b> .
★ HCR 430: Foundation to Health Care Systems	3	C	
COM 225: Public Speaking (L)	3	C	
Term hours subtotal:	9		

Term 6 - A 75 - 84 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ HCR 301: Research Methods for the Health Care Professional	3	C	

★ HCR 303: Assessing Needs, Assets and Capacity for Health Education	3	C
★ HCR 336: Environmental Community Health	3	C
Term hours subtotal:	9	

- Use **Handshake** to research employment opportunities.
- Connect with your advisor to learn more about the accelerated pathways to the **MS in Aging** and **Master of Healthcare Innovation**. These innovative pathways provide an opportunity for students to share up to 11-12 credit hours to accelerate completion of a master's degree.

Term 6 - B 84 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HCR 331: Communication within Communities OR HCR 335: Program Development and Management for Community Health	3	C	<ul style="list-style-type: none"> <li>• Complete an in person or virtual <b>practice interview</b>.</li> <li>• An internship or experiential learning course is required for degree completion. Connect with your advisor to review options.</li> </ul>
SOC 352: Social Change (SB & G & H)	3	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 90 - 97 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HCR 400: Evidence-Based Practice for the Health Care Professional	3	C	<ul style="list-style-type: none"> <li>• Explore <b>graduate programs</b> including ASU's Master of Healthcare Innovation, the MS in Aging, and MS in Regulatory Science.</li> </ul>
★ HCR 435: Leaders in Community Health	3	C	
★ HCR 484: Internship	1		
Term hours subtotal:	7		

Term 7 - B 97 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HCR 406: Health Literacy for Health Care Professionals	3	C	<ul style="list-style-type: none"> <li>• Gather <b>professional references</b>.</li> <li>• Update your <b>resume</b>.</li> </ul>
HCI 311: Health Innovation: Foundational Concepts	3	C	
Elective	2		
Term hours subtotal:	8		

Term 8 - A 105 - 114 Credit Hours	Hours	Minimum Grade	Notes
HCI 428: Technology: A Tool to Advance Innovation in Health Care	3	C	<ul style="list-style-type: none"> <li>• Apply for full-time career opportunities.</li> </ul>
PAF 311: Leadership and Change (SB)	3	C	
Elective	3		
Term hours subtotal:	9		

Term 8 - B 114 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HCR 439: Community Health Capstone	3	C	<ul style="list-style-type: none"> <li>• Connect with us as a member of our <b>alumni community</b>.</li> </ul>
Elective	3		
Term hours subtotal:	6		

Hide Course List(s)/Track Group(s)

Notes:

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- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.





## 2023 - 2024 Major Map





### Health Care Compliance and Regulations, BS



School/College: Edson College of Nursing and Health Innovation

Location: Downtown Phoenix

NUHCCRBS

Term 1 0 - 14 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ASU 101-NU: The ASU Experience	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>Select your <b>Career Interest Communities</b>, play <b>me3@ASU</b> and review <b>academic programs</b>.</li> <li>Activate your <b>Handshake</b> account and build out your profile.</li> <li>Create a first draft <b>resume</b>.</li> <li>Explore <b>study abroad</b> options.</li> <li>Search for <b>on-campus employment</b>.</li> </ul>
 HCR 220: Introduction to Health Professions and the U.S. Health Care System (H)	3	C	
 HCR 259: Compliance and the Health Care Industry	4	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Mathematics (MA) ( MAT 117 recommended)	3	C	
Term hours subtotal:	14		

Term 2 14 - 30 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 HCR 210: Ethics for the Health Care Professional (HU)	3	C	<ul style="list-style-type: none"> <li>Secure a <b>part time job</b> or <b>volunteer experience</b>.</li> <li>Apply for a <b>study abroad</b> experience.</li> <li>Explore student <b>leadership opportunities</b> in the Edson College of Nursing and Health Innovation.</li> <li>Join a <b>student club</b> or <b>professional organization</b>.</li> </ul>
HCR 262: Health Care Licensure, Professional Development and  Practice OR HCR 263: Introduction to Medical Billing and Compliance	3	C	
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Natural Science - Quantitative (SQ) ( BIO 100 recommended)	4		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 30 - 45 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 HCR 264: Regulatory Essentials of Compliance Program Design I	3	C	<ul style="list-style-type: none"> <li>Develop your <b>skills</b>.</li> </ul>
ACC 231: Uses of Accounting Information I	3	C	
BMI 201: Introduction to Clinical Informatics	3	C	
COM 259: Communication in Business and the Professions OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB)	3	C	



SOC course (SB) ( SOC 101 recommended) OR PSY course (SB) ( PSY 101 recommended) OR HEP 100: Introduction to Health and Wellness (SB) OR INT 131: Design and Human Behavior (SB)

3

C

◆ Complete First-Year Composition requirement.

◆ Complete Mathematics (MA) requirement.

Term hours subtotal: 15

Term 4 45 - 60 Credit Hours Critical course signified by ◆	Hours	Minimum Grade	Notes
◆ HCR 262: Health Care Licensure, Professional Development and Practice OR HCR 263: Introduction to Medical Billing and Compliance	3	C	<ul style="list-style-type: none"> <li>• Please note that LES 305 in Term 6 requires a minimum 2.00 cumulative GPA for registration.</li> <li>• Explore <a href="#">internships</a>.</li> </ul>
◆ HCR 265: Regulatory Essentials of Compliance Program Design II	3	C	
STP 226: Elements of Statistics (CS) OR SOC 390: Social Statistics I (CS) OR SWU 321: Statistics for Social Workers (CS)	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	2		
Term hours subtotal:		15	

Term 5 60 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HCR 350: Introduction to Clinical Research	3	C	<ul style="list-style-type: none"> <li>• Develop your <a href="#">professional online presence</a>.</li> <li>• OMT 343 is only offered during the fall semester.</li> </ul>
★ HCR 360: Data Security and Privacy in Health Care Compliance OR HCR 361: Risk Management in Health Care Compliance	3	C	
★ HCR 362: Monitoring and Auditing for Health Care Compliance	3	C	
OMT 343: Occupational Safety and Ergonomics	3	C	
PMG 240: Introduction to Project Management	3	C	
Term hours subtotal:		15	

Term 6 75 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HCR 360: Data Security and Privacy in Health Care Compliance OR HCR 361: Risk Management in Health Care Compliance	3	C	<ul style="list-style-type: none"> <li>• Use Handshake to research <a href="#">employment opportunities</a>.</li> <li>• Complete an in person or virtual <a href="#">practice interview</a>.</li> </ul>
★ HCR 460: Investigations and Disclosures in Health Care Compliance	3	C	
HCR 430: Foundation to Health Care Systems OR HCD 330: Health Care Systems in the U.S.	3	C	
LES 305: Business Law and Ethics for Managers	3	C	
PAF 311: Leadership and Change (SB) OR PAF 410: Building Leadership Skills (SB) OR PAF 420: Managing Across Boundaries OR TMC 330: Leading the Enterprise	3	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:		15	

Term 7 90 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HCR 461: Corrective and Preventive Action Plans	3	C	<ul style="list-style-type: none"> <li>• Explore <a href="#">graduate programs</a> including the <a href="#">MS Regulatory Science</a> program.</li> <li>• Gather <a href="#">professional references</a>.</li> <li>• Update your <a href="#">resume</a>.</li> </ul>
★ Internship or Experiential Learning	1		
TWC 347: Written Communication for Managers (L) OR ENG 301: Writing for the Professions (L)	3	C	

Social-Behavioral Sciences (SB) AND Global Awareness (G) AND Cultural Diversity in the U.S. (C)	3
Elective ( CIS 308 recommended)	3
Elective	2
Term hours subtotal:	15

- Advanced MS Excel skills recommended by industry.

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HCR 463: Capstone Project Health Care Compliance	4	C	<ul style="list-style-type: none"> <li>• Apply for full-time career opportunities.</li> <li>• Connect with us as a member of our alumni community.</li> </ul>
TWC 446: Technical and Scientific Reports (L) OR TWC 362: Writing in Health Professions (L)	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Humanities, Arts and Design (HU) ( ART 110 OR CEE 181 OR CON 101 OR FMP 201 recommended)	3		
Upper Division Elective	2		
Term hours subtotal:	15		

Hide Course List(s)/Track Group(s)

Internship or Experiential Learning
HCI 484: Internship
HCR 294: Special Topics
Note: Only HCR 294 Research Lab courses are allowed.
HCR 471: Interprofessional Education and Community Health
HCR 472: Interprofessional Education and Complex Health
HCR 473: Interprofessional Education and Comprehensive Systems Health
HCR 484: Internship
HCR 493: Honors Thesis (L)
HCR 494: Special Topics
Note: Only HCR 494 Research Lab courses are allowed.
NUR 493: Honors Thesis (L)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.











## 2023 - 2024 Major Map



### Health Care Compliance and Regulations, BS



School/College: [Edson College of Nursing and Health Innovation](#)

Location: [Online ASU Local](#)




NUHCCRBS



Term 1 - A 0 - 5 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ASU 101-NU: The ASU Experience	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>Become familiar with the student focused <a href="#">services and perks</a> available to ASU Online students.</li> <li>Review <a href="#">library resources</a>.</li> </ul>
 HCR 259: Compliance and the Health Care Industry	4	C	
Term hours subtotal:	5		
Term 1 - B 5 - 14 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 HCR 220: Introduction to Health Professions and the U.S. Health Care System (H)	3	C	<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> <li>Select your <a href="#">Career Interest Communities</a>, play <a href="#">me3@ASU</a>, and review <a href="#">academic programs</a>.</li> <li>Create a first draft <a href="#">resume</a>.</li> <li>Explore <a href="#">study abroad</a> options.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Mathematics (MA) ( MAT 142 OR MAT 117 recommended)	3	C	
Term hours subtotal:	9		
Term 2 - A 14 - 23 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 HCR 210: Ethics for the Health Care Professional (HU)	3	C	<ul style="list-style-type: none"> <li>Secure a <a href="#">part-time job</a> or <a href="#">volunteer experience</a>.</li> </ul>
CIS 105: Computer Applications and Information Technology (CS)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	9		
Term 2 - B 23 - 30 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 HCR 262: Health Care Licensure, Professional Development and Practice OR HCR 263: Introduction to Medical Billing and Compliance	3	C	<ul style="list-style-type: none"> <li>Apply for a <a href="#">study abroad</a> experience.</li> </ul>
Natural Science - Quantitative (SQ) ( BIO 100 recommended)	4		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	7		
		Minimum	



Term 3 - A 30 - 39 Credit Hours <b>Critical course signified by</b> 	Hours	Grade	Notes
 HCR 264: Regulatory Essentials of Compliance Program Design	3	C	• Develop your <i>skills</i> .
ACC 231: Uses of Accounting Information I	3	C	
SOC course (SB) (SOC 101 recommended) OR PSY course (SB) (PSY 101 recommended) OR HEP 100: Introduction to Health and Wellness (SB)	3	C	
Term hours subtotal:	9		



Term 3 - B 39 - 45 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
BMI 201: Introduction to Clinical Informatics	3	C	
COM 259: Communication in Business and the Professions OR COM 225: Public Speaking (L) OR COM 230: Small Group Communication (SB)	3	C	
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	6		

Term 4 - A 45 - 54 Credit Hours	Hours	Minimum Grade	Notes
STP 226: Elements of Statistics (CS) OR SOC 390: Social Statistics I (CS) OR SWU 321: Statistics for Social Workers (CS)	3	C	• Explore an <i>internship</i> .
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	2		
Term hours subtotal:	9		

Term 4 - B 54 - 60 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 HCR 262: Health Care Licensure, Professional Development and Practice OR HCR 263: Introduction to Medical Billing and Compliance	3	C	• Schedule an appointment with your <i>advisor</i> to review your academic progress.
 HCR 265: Health Care Compliance Essentials	3	C	
Term hours subtotal:	6		

Term 5 - A 60 - 69 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 HCR 360: Data Security and Privacy in Health Care Compliance OR HCR 361: Risk Management in Health Care Compliance	3	C	• Develop your <i>professional online presence</i> .
 HCR 362: Monitoring and Auditing for Health Care Compliance	3	C	
PMG 240: Introduction to Project Management	3	C	
Term hours subtotal:	9		

Term 5 - B 69 - 75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 HCR 350: Introduction to Clinical Research	3	C	• Complete <i>informational interviews</i> . • OMT 343 is only offered during the fall semester.
OMT 343: Occupational Safety and Ergonomics	3	C	
Term hours subtotal:	6		

Term 6 - A 75 - 84 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 HCR 360: Data Security and Privacy in Health Care Compliance OR HCR 361: Risk Management in Health Care Compliance	3	C	• Use Handshake to research <i>employment opportunities</i> .
LES 305: Business Law and Ethics for Managers	3	C	

PAF 311: Leadership and Change (SB) OR PAF 410: Building Leadership Skills (SB) OR PAF 420: Managing Across Boundaries OR TMC 330: Leading the Enterprise

3 C

- Complete an in person or virtual practice interview.

Term hours subtotal: 9

Term 6 - B 84 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HCR 460: Investigations and Disclosures in Health Care Compliance	3	C	• Explore internships.
HCR 430: Foundation to Health Care Systems OR HCD 330: Health Care Systems in the U.S.	3	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:		6	

Term 7 - A 90 - 98 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HCR 461: Corrective and Preventive Action Plans	3	C	• Explore graduate programs including the MS in Regulatory Science program. • Gather professional references. • Update your resume.
★ HCR 484: Internship	1	Y	
TWC 347: Written Communication for Managers (L) OR ENG 301: Writing for the Professions (L)	3	C	
Upper Division Elective	1		
Term hours subtotal:		8	

Term 7 - B 98 - 104 Credit Hours	Hours	Minimum Grade	Notes
Social-Behavioral Sciences (SB) AND Global Awareness (G) AND Cultural Diversity in the U.S. (C)	3		• Apply for full-time career opportunities. • Advanced MS Excel skills recommended by industry.
Elective ( CIS 308 recommended)	3		
Term hours subtotal:		6	

Term 8 - A 104 - 111 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HCR 463: Capstone Project Health Care Compliance	4	C	
TWC 446: Technical and Scientific Reports (L) OR TWC 362: Writing in Health Professions (L)	3	C	
Term hours subtotal:		7	

Term 8 - B 111 - 120 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		• Connect with us as a member of our alumni community.
Humanities, Arts and Design (HU) ( ART 110 OR FMP 201 recommended)	3		
Elective	3		
Term hours subtotal:		9	

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's

first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>

- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.


















## 2023 - 2024 Major Map

### Health Care Coordination, BS

School/College: Edson College of Nursing and Health Innovation

Location: Downtown Phoenix, West

NUHCCOBS

Term 1 0 - 14 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ASU 101-NU: The ASU Experience	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>Select your <b>Career Interest Communities</b>, play me3@ASU and review <b>academic programs</b>.</li> <li>Create a first draft <b>resume</b>.</li> <li>Explore <b>study abroad</b> options.</li> <li>Search for <b>on-campus employment</b>.</li> </ul>
 CHM 101: Introductory Chemistry (SQ) OR BIO 201: Human Anatomy and Physiology I (SG)	4	C	
 ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
 HCR 220: Introduction to Health Professions and the U.S. Health Care System (H)	3	C	
 MAT course (MA) ( MAT 142 recommended)	3	C	
Term hours subtotal:	14		
Term 2 14 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CDE 232: Human Development (SB) OR PSY 101: Introduction to Psychology (SB)	3	C	<ul style="list-style-type: none"> <li>Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> <li>Apply for a <b>study abroad</b> experience.</li> <li>Explore <b>engagement opportunities</b> in the College of Nursing and Health Innovation.</li> <li>Join a <b>student club</b> or <b>professional organization</b>.</li> </ul>
 CHM 101: Introductory Chemistry (SQ) OR BIO 201: Human Anatomy and Physiology I (SG)	4	C	
 ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
 HCR 210: Ethics for the Health Care Professional (HU)	3	C	
 STP 226: Elements of Statistics (CS) OR SOC 390: Social Statistics I (CS) OR SWU 321: Statistics for Social Workers (CS)	3	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		
Term 3 30 - 44 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 BIO 202: Human Anatomy and Physiology II (SG)	4	C	<ul style="list-style-type: none"> <li>Develop your <b>skills</b>.</li> </ul>
 CDE 232: Human Development (SB) OR PSY 101: Introduction to Psychology (SB)	3	C	
 HCR 230: Culture and Health (C & G)	3	C	
 MIC 205: Microbiology (SG)	3	C	



❖ MIC 206: Microbiology Laboratory (SG)	1	C
.....		
Complete Mathematics (MA) requirement.		
.....		
Term hours subtotal:	14	

Term 4 44 - 60 Credit Hours Critical course signified by ❖	Hours	Minimum Grade	Notes
❖ HCR 221: Foundational Concepts for Health Care Coordination	3	C	<ul style="list-style-type: none"> <li>• Explore an <b>internship</b>.</li> <li>• Schedule an appointment with your <b>advisor</b> to review your academic progress.</li> </ul>
❖ HCR 240: Human Pathophysiology	4	C	
❖ NTR 241: Human Nutrition	3	C	
SOC course (SB)	3	C	
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	16		

Term 5 60 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HCR 321: Advanced Concepts for Health Care Coordination	3	C	<ul style="list-style-type: none"> <li>• Develop your <b>professional online presence</b>.</li> </ul>
★ TWC 347: Written Communication for Managers (L) OR TWC 362: Writing in Health Professions (L)	3	C	
COM 225: Public Speaking (L)	3	C	
HCD 332: Population Health Policy and Legislation	3	C	
Elective	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HCR 301: Research Methods for the Health Care Professional	3	C	<ul style="list-style-type: none"> <li>• Use <b>Handshake</b> to research employment opportunities.</li> <li>• Complete an in person or virtual <b>practice interview</b>.</li> <li>• Connect with your advisor to learn more about the accelerated pathways to the <b>MS in Aging</b> and <b>Master of Healthcare Innovation</b>. These innovative pathways provide an opportunity for students to share up to 11-12 credit hours to accelerate completion of a master's degree.</li> </ul>
★ HCR 302: Social Determinants of Health OR HCR 472: Interprofessional Education and Complex Health	3	C	
★ HCR 303: Assessing Needs, Assets and Capacity for Health Education	3	C	
★ Internship or Experiential Learning	1		
HCI 311: Health Innovation: Foundational Concepts	3	C	
Elective	2		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HCR 400: Evidence-Based Practice for the Health Care Professional	3	C	<ul style="list-style-type: none"> <li>• Explore graduate programs including ASU's <b>Master of Healthcare Innovation</b>, <b>MS in Aging</b>, <b>MS in Health Care Simulation</b>, the <b>MS in Regulatory Science</b>, and the <b>MS in Nursing (Entry to Nursing Practice)</b>.</li> <li>• Gather <b>professional references</b>.</li> <li>• Update your <b>resume</b>.</li> </ul>
★ HCR 406: Health Literacy for Health Care Professionals	3	C	
★ HCR 422: Policy and Financial Principles in Health Care Coordination	3	C	
HCI 428: Technology: A Tool to Advance Innovation in Health Care	3	C	
PAF 311: Leadership and Change (SB)	3	C	
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ HCR 420: Professional Role Development: Health Care Coordination	3	C
★ HCR 426: Health Care Coordination Capstone	3	C
Upper Division Elective	3	
Complete 2 courses: Elective	6	
Term hours subtotal:	15	

- Apply for full-time career opportunities.
- Connect with us as a member of our alumni community.

Hide Course List(s)/Track Group(s)

Internship or Experiential Learning
HCI 484: Internship
HCR 280: Team-Based Research Practicum
HCR 471: Interprofessional Education and Community Health
HCR 472: Interprofessional Education and Complex Health
HCR 473: Interprofessional Education and Comprehensive Systems Health
HCR 480: Advanced Team-Based Research Practicum
HCR 484: Internship
HCR 493: Honors Thesis (L)
NUR 493: Honors Thesis (L)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

#### First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.













## 2023 - 2024 Major Map

### Health Care Coordination, BS

School/College: [Edson College of Nursing and Health Innovation](#)

Location: [Online ASU Local](#)

NUHCCOBS

Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ASU 101-NU: The ASU Experience	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>Become familiar with the student focused <b>services and perks</b> available to ASU Online students.</li> <li>Review <b>library</b> resources.</li> </ul>
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
 MAT course (MA) ( MAT 142 OR MAT 117 recommended)	3	C	
Term hours subtotal:	7		
Term 1 - B 7 - 14 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CHM 101: Introductory Chemistry (SQ) OR BIO 201: Human Anatomy and Physiology I (SG)	4	C	<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> <li>Select your <b>Career Interest Communities</b>, play <a href="#">me3@ASU</a> and review <b>academic programs</b>.</li> <li>Create a first draft <b>resume</b>.</li> <li>Explore <b>study abroad</b> options.</li> </ul>
 HCR 220: Introduction to Health Professions and the U.S. Health Care System (H)	3	C	
Term hours subtotal:	7		
Term 2 - A 14 - 21 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CHM 101: Introductory Chemistry (SQ) OR BIO 201: Human Anatomy and Physiology I (SG)	4	C	<ul style="list-style-type: none"> <li>Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> </ul>
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		
Term 2 - B 21 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CDE 232: Human Development (SB) OR PSY 101: Introduction to Psychology (SB)	3	C	<ul style="list-style-type: none"> <li>Apply for a <b>study abroad</b> experience.</li> <li>Join a <b>professional organization</b>.</li> </ul>
 HCR 210: Ethics for the Health Care Professional (HU)	3	C	
 STP 226: Elements of Statistics (CS) OR SOC 390: Social Statistics I (CS) OR SWU 321: Statistics for Social Workers (CS)	3	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			

Term hours subtotal: 9

Term 3 - A 30 - 37 Credit Hours Critical course signified by ⚠	Hours	Minimum Grade	Notes
⚠ HCR 230: Culture and Health (C & G)	3	C	• Develop your skills.
⚠ MIC 205: Microbiology (SG)	3	C	
⚠ MIC 206: Microbiology Laboratory (SG)	1	C	
Term hours subtotal:	7		

Term 3 - B 37 - 44 Credit Hours Critical course signified by ⚠	Hours	Minimum Grade	Notes
⚠ BIO 202: Human Anatomy and Physiology II (SG)	4	C	• Explore Career Webinars.
⚠ CDE 232: Human Development (SB) OR PSY 101: Introduction to Psychology (SB)	3	C	
Complete Mathematics (MA) requirement.			
Term hours subtotal:	7		

Term 4 - A 44 - 53 Credit Hours Critical course signified by ⚠	Hours	Minimum Grade	Notes
⚠ HCR 221: Foundational Concepts for Health Care Coordination	3	C	• Explore Career Advising.
SOC course (SB) (SOC 101 recommended)	3	C	
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	9		

Term 4 - B 53 - 60 Credit Hours Critical course signified by ⚠	Hours	Minimum Grade	Notes
⚠ HCR 240: Human Pathophysiology	4	C	• Explore an internship. • Schedule an appointment with your advisor to review your academic progress.
⚠ NTR 241: Human Nutrition	3	C	
Term hours subtotal:	7		

Term 5 - A 60 - 66 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TWC 347: Written Communication for Managers (L) OR TWC 362: Writing in Health Professions (L)	3	C	• Explore career resources.
HCD 332: Population Health Policy and Legislation	3	C	
Term hours subtotal:	6		

Term 5 - B 66 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HCR 321: Advanced Concepts for Health Care Coordination	3	C	• Develop your professional online presence.
COM 225: Public Speaking (L)	3	C	
Elective	3		
Term hours subtotal:	9		

Term 6 - A 75 - 84 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HCR 301: Research Methods for the Health Care Professional	3	C	• Use Handshake to research employment opportunities. • Connect with your advisor to learn more about the accelerated pathways to the MS in Aging and Master of Healthcare Innovation. These innovative pathways provide an opportunity for
★ HCR 303: Assessing Needs, Assets and Capacity for Health Education	3	C	
HCI 311: Health Innovation: Foundational Concepts	3	C	
Term hours subtotal:	9		

you to share up to 11-12 credit hours to accelerate completion of a master's degree.

Term 6 - B 84 - 91 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ HCR 302: Social Determinants of Health	3	C	<ul style="list-style-type: none"> <li>Complete an in person or virtual practice interview.</li> </ul>
★ HCR 484: Internship	1	Y	
Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	7		

Term 7 - A 91 - 100 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ HCR 400: Evidence-Based Practice for the Health Care Professional	3	C	<ul style="list-style-type: none"> <li>Explore graduate programs including ASU's Master of Healthcare Innovation and MS in Regulatory Science.</li> </ul>
★ HCR 422: Policy and Financial Principles in Health Care Coordination	3	C	
PAF 311: Leadership and Change (SB)	3	C	
Term hours subtotal:	9		

Term 7 - B 100 - 106 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ HCR 406: Health Literacy for Health Care Professionals	3	C	<ul style="list-style-type: none"> <li>Gather professional references.</li> <li>Update your resume.</li> </ul>
HCI 428: Technology: A Tool to Advance Innovation in Health Care	3	C	
Term hours subtotal:	6		

Term 8 - A 106 - 111 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ HCR 420: Professional Role Development: Health Care Coordination	3	C	<ul style="list-style-type: none"> <li>Apply for full-time career opportunities.</li> </ul>
Upper Division Elective	2		
Term hours subtotal:	5		

Term 8 - B 111 - 120 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ HCR 426: Health Care Coordination Capstone	3	C	<ul style="list-style-type: none"> <li>Connect with us as a member of our alumni community.</li> </ul>
Complete 2 courses:	6		
Elective			
Term hours subtotal:	9		

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
  - Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.





## 2023 - 2024 Major Map





### Health Entrepreneurship and Innovation, BS

School/College: Edson College of Nursing and Health Innovation

Location: Downtown Phoenix, West

NUHCIBS

Term 1 0 - 14 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ASU 101-NU: The ASU Experience	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>All first-year students enroll in HCR 220 in their first semester.</li> <li>Select your <b>Career Interest Communities</b>, play me3@ASU and review <b>academic programs</b>.</li> <li>Create a first draft <b>resume</b>.</li> <li>Explore <b>study abroad</b> options.</li> <li>Search for <b>on-campus employment</b>.</li> <li>Meet with your <b>First Year Success Coach</b>.</li> </ul>
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
 MAT course (MA) ( MAT 142 OR MAT 117 recommended)	3	C	
 HCR 220: Introduction to Health Professions and the U.S. Health Care System (H)	3	C	
Natural Science - Quantitative (SQ) ( BIO 100 recommended)	4		
Term hours subtotal:	14		



Term 2 14 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>Most students will complete HCR 210. The other ethics courses listed are options for transfer students to meet upper-division requirements or change of major students who already have the course completed.</li> <li>Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> <li>Apply for a <b>study abroad</b> experience.</li> <li>Explore <b>engagement opportunities</b> in the Edson College of Nursing and Health Innovation.</li> <li>Join a <b>student club</b> or <b>professional organization</b>.</li> </ul>
 HCI 150: Introduction to Health Innovation	3	C	
 STP 226: Elements of Statistics (CS) OR SOC 390: Social Statistics I (CS) OR SWU 321: Statistics for Social Workers (CS)	3	C	
HCR 210: Ethics for the Health Care Professional (HU) OR MED 320: Applied Medical/Health Care Ethics (HU) OR BIS 345: Organizational Ethics (HU) OR PHI 360: Business and Professional Ethics (HU) OR PHI 320: Bioethics (HU) or BIO 312: Bioethics (HU) or IAS 340: Bioethics (HU) OR PHI 409: Eco-Community Ethics (HU) or IAS 409: Eco-Community Ethics (HU)	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		





Term 3 30 - 45 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 HCR 230: Culture and Health (C & G)	3	C	<ul style="list-style-type: none"> <li>Develop your <b>skills</b>.</li> </ul>









COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L)	3	C
PSY 101: Introduction to Psychology (SB) OR SOC 101: Introductory Sociology (SB)	3	C
Health Innovation Elective	3	C
Elective	3	
Complete Mathematics (MA) requirement.		
Term hours subtotal:	15	

- Attend a [Study Abroad 101](#) session.
- Explore [minors or certificates](#).
- Get involved with the [HEALab](#).

Term 4 45 - 60 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 HCI 250: Health Entrepreneurship and Value Creation	3	C	<ul style="list-style-type: none"> <li>• Explore an <a href="#">internship</a>.</li> <li>• Schedule an appointment with your <a href="#">advisor</a> to review your academic progress.</li> </ul>
COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L)	3	C	
Health Innovation Elective	3	C	
Humanities, Arts and Design (HU)	3		
Elective	3		
Term hours subtotal:	15		

Term 5 60 - 75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 HCI 311: Health Innovation: Foundational Concepts	3	C	<ul style="list-style-type: none"> <li>• Develop your <a href="#">professional online presence</a>.</li> <li>• Complete <a href="#">informational interviews</a>.</li> </ul>
 HCI 313: Philosophy of Science in Health Care: Understanding Paradigms of Health and Healing	3	C	
 TWC 347: Written Communication for Managers (L) OR TWC 362: Writing in Health Professions (L)	3	C	
Health Innovation Elective	3	C	
Elective	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
<i>Complete 2 courses:</i>			<ul style="list-style-type: none"> <li>• Use <a href="#">Handshake</a> to research employment opportunities.</li> <li>• Connect with your advisor to learn more about the accelerated pathways to the <a href="#">MS in Aging</a> and <a href="#">Master of Healthcare Innovation</a>. These innovative pathways provide an opportunity for you to share up to 11-12 credit hours to accelerate completion of a master's degree.</li> </ul>
 HCI 412: Transforming Health Care: A Systems Perspective for Innovation OR HCI 421: Health Care Policy: The Innovator's View OR HCI 425: Facilitating Innovation to Achieve Outcomes OR HCI 428: Technology: A Tool to Advance Innovation in Health Care OR HCI 344: Management and Leadership in Health Organizations	6	C	
 HCR 301: Research Methods for the Health Care Professional	3	C	
Health Innovation Elective	3	C	
Upper Division Elective	3		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
<i>Complete 2 courses:</i>			<ul style="list-style-type: none"> <li>• Explore <a href="#">graduate programs</a> including ASU's <a href="#">Master of Healthcare Innovation</a>.</li> <li>• Gather <a href="#">professional references</a>.</li> <li>• Update your <a href="#">resume</a>.</li> </ul>
 HCI 412: Transforming Health Care: A Systems Perspective for Innovation OR HCI 421: Health Care Policy: The Innovator's View OR HCI 425: Facilitating Innovation to Achieve Outcomes OR HCI 428: Technology: A Tool to Advance Innovation in Health Care OR HCI 344: Management and Leadership in Health Organizations	6	C	

★ HCR 400: Evidence-Based Practice for the Health Care Professional	3	C
★ HCR 406: Health Literacy for Health Care Professionals	3	C
Health Innovation Elective	3	C
Term hours subtotal:	15	

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
HCI 412: Transforming Health Care: A Systems Perspective for Innovation OR HCI 421: Health Care Policy: The Innovator's View OR ★ HCI 425: Facilitating Innovation to Achieve Outcomes OR HCI 428: Technology: A Tool to Advance Innovation in Health Care OR HCI 344: Management and Leadership in Health Organizations	3	C	<ul style="list-style-type: none"> <li>• Apply for full-time career opportunities.</li> <li>• Connect with us as a member of our alumni community.</li> </ul>
HCI 484: Internship OR Upper Division Elective	3		
Health Innovation Elective	3	C	
Upper Division Social-Behavioral Sciences (SB) OR Upper Division Humanities, Arts and Design (HU)	3		
Upper Division Elective	3		
Term hours subtotal:	15		

- Students should consult with their academic advisor to identify appropriate courses for the Health Innovation Elective. Students are encouraged to select courses in a thematic area and may pursue a minor to fulfill the Health Innovation Elective requirement.

Hide Course List(s)/Track Group(s)

Health Innovation Elective
ACC OR BUA OR ECN OR ENT OR FIN OR HCI OR HCR OR LES OR MGT OR MKT OR NTR OR OGL OR OMT OR SCM OR SOS OR TEL OR TEM Elective
ASB 100: Introduction to Global Health (SB & G)
ASB 301: Global History of Health (SB & G & H) or SSH 301: Global History of Health (SB & G & H)
ASB 353: Death and Dying in Cross-Cultural Perspective ((HU or SB) & G)
ASB 355: Traditional Medicine and Healing (HU or SB)
ASB 462: Medical Anthropology: Culture and Health (SB & C)
ASM 414: Urban, Environmental and Health Challenges (SB)
BIO 318: History of Medicine (HU & H) or HPS 331: History of Medicine (HU & H)
CHS 100: Optimizing Your Health and Performance (SB)

COM 451: Communication and Work Relationships

HEP 100: Introduction to Health and Wellness (SB)

PAF 311: Leadership and Change (SB)

PAF 410: Building Leadership Skills (SB)

PHI 407: Environmental Philosophy and Policy (L or HU) or IAS 407: Environmental Philosophy and Policy (L or HU)

SOC 427: Sociology of Health and Illness (SB)

SOS 100: Introduction to Sustainability (G)

SOS 110: Sustainable World (SB)

TCL 321: Transborder Community Development and Health

USL 210: Service Learning: Intro to Diverse Community Issues (L & C)

WST 100: Women, Gender, and Society (SB & C)

WST 333: Critical Perspectives on Sexuality (SB & C)

WST 360: Women as Healers (SB & G)

WST 444: Gender, Health, and Bodies (SB)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)

- Global Awareness (G)
- Historical Awareness (H)

#### First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.




## 2023 - 2024 Major Map



### Health Entrepreneurship and Innovation, BS




School/College: [Edson College of Nursing and Health Innovation](#)

Location: [Online ASU Local](#)

NUHCIBS

Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ASU 101-NU: The ASU Experience	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>Become familiar with the student focused <b>services and perks</b> available to ASU Online students.</li> <li>Review <b>library</b> resources.</li> </ul>
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
 MAT course (MA) ( MAT 142 OR MAT 117 recommended)	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 14 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 HCR 220: Introduction to Health Professions and the U.S. Health Care System (H)	3	C	<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> <li>Select your <b>Career Interest Communities</b>, complete <b>me3@ASU</b>, and review <b>academic programs</b>.</li> <li>Create a first draft <b>resume</b>.</li> <li>Explore <b>study abroad</b> options.</li> </ul>
Natural Science - Quantitative (SQ) ( BIO 100 recommended)	4		
Term hours subtotal:	7		

Term 2 - A 14 - 23 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> </ul>
 HCI 150: Introduction to Health Innovation	3	C	
 STP 226: Elements of Statistics (CS) OR SOC 390: Social Statistics I (CS) OR SWU 321: Statistics for Social Workers (CS)	3	C	
Term hours subtotal:	9		

Term 2 - B 23 - 30 Credit Hours	Hours	Minimum Grade	Notes
HCR 210: Ethics for the Health Care Professional (HU) OR MED 320: Applied Medical/Health Care Ethics (HU) OR BIS 345: Organizational Ethics (HU) OR PHI 360: Business and Professional Ethics (HU) OR PHI 320: Bioethics (HU)	3	C	<ul style="list-style-type: none"> <li>Most students will complete HCR 210. The other ethics courses are options for transfer students to meet upper-division requirements or change of major students who already have the course completed.</li> </ul>
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		

Complete ENG 101 OR ENG 105 OR ENG 107 course(s).

- Apply for a [study abroad](#) experience.

Term hours subtotal: 7

Term 3 - A 30 - 36 Credit Hours <b>Critical course signified by</b> ⚠️	Hours	Minimum Grade	Notes
⚠️ HCR 230: Culture and Health (C & G)	3	C	• Develop your <a href="#">skills</a> .
COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L)	3	C	
Term hours subtotal:	6		

Term 3 - B 36 - 45 Credit Hours	Hours	Minimum Grade	Notes
Health Innovation Elective	3	C	• Explore <a href="#">Career Webinars</a> .
Complete 2 courses: Elective	6		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	9		

Term 4 - A 45 - 51 Credit Hours	Hours	Minimum Grade	Notes
PSY 101: Introduction to Psychology (SB) OR SOC 101: Introductory Sociology (SB)	3	C	
Health Innovation Elective	3	C	
Term hours subtotal:	6		

Term 4 - B 51 - 60 Credit Hours <b>Critical course signified by</b> ⚠️	Hours	Minimum Grade	Notes
⚠️ HCI 250: Health Entrepreneurship and Value Creation	3	C	• Explore an <a href="#">internship</a> . • Schedule an appointment with your <a href="#">advisor</a> to review your academic progress.
Humanities, Arts and Design (HU)	3		
Elective	3		
Term hours subtotal:	9		

Term 5 - A 60 - 66 Credit Hours <b>Necessary course signified by</b> ⭐	Hours	Minimum Grade	Notes
⭐ HCI 311: Health Innovation: Foundational Concepts	3	C	
⭐ TWC 347: Written Communication for Managers (L) OR TWC 362: Writing in Health Professions (L)	3	C	
Term hours subtotal:	6		

Term 5 - B 66 - 75 Credit Hours <b>Necessary course signified by</b> ⭐	Hours	Minimum Grade	Notes
HCI 313: Philosophy of Science in Health Care: Understanding Paradigms of Health and Healing OR HCI 344: Management and Leadership in Health Organizations OR HCI 412: Transforming Health Care: A Systems Perspective for Innovation OR HCI 421: Health Care Policy: The Innovator's View OR HCI 425: Facilitating Innovation to Achieve Outcomes OR HCI 428: Technology: A Tool to Advance Innovation in Health Care	3	C	• Develop your <a href="#">professional online presence</a> .
COM 100: Introduction to Human Communication (SB) OR COM 225: Public Speaking (L)	3	C	
Health Innovation Elective	3	C	
Term hours subtotal:	9		

		Minimum	
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Term 6 - A 75 - 84 Credit Hours Necessary course signified by ★	Hours	Grade	Notes
HCI 313: Philosophy of Science in Health Care: Understanding Paradigms of Health and Healing OR HCI 344: Management and Leadership in Health Organizations OR HCI 412: Transforming Health Care: A Systems Perspective for Innovation OR HCI 421: Health Care Policy: The Innovator's View OR HCI 425: Facilitating Innovation to Achieve Outcomes OR HCI 428: Technology: A Tool to Advance Innovation in Health Care	3	C	<ul style="list-style-type: none"> <li>• Use Handshake to research <b>employment opportunities</b>.</li> <li>• Connect with your advisor to learn more about the accelerated pathways to the <b>MS in Aging and Master of Healthcare Innovation</b>. These innovative pathways provide an opportunity for you to share up to 11-12 credit hours to accelerate completion of a master's degree.</li> </ul>
★ HCR 301: Research Methods for the Health Care Professional	3	C	
Upper Division Elective	3		
Term hours subtotal:	9		

Term 6 - B 84 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
HCI 313: Philosophy of Science in Health Care: Understanding Paradigms of Health and Healing OR HCI 344: Management and Leadership in Health Organizations OR HCI 412: Transforming Health Care: A Systems Perspective for Innovation OR HCI 421: Health Care Policy: The Innovator's View OR HCI 425: Facilitating Innovation to Achieve Outcomes OR HCI 428: Technology: A Tool to Advance Innovation in Health Care	3	C	
Health Innovation Elective	3	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 90 - 99 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
HCI 313: Philosophy of Science in Health Care: Understanding Paradigms of Health and Healing OR HCI 344: Management and Leadership in Health Organizations OR HCI 412: Transforming Health Care: A Systems Perspective for Innovation OR HCI 421: Health Care Policy: The Innovator's View OR HCI 425: Facilitating Innovation to Achieve Outcomes OR HCI 428: Technology: A Tool to Advance Innovation in Health Care	3	C	<ul style="list-style-type: none"> <li>• Explore <b>graduate programs</b> including ASU's Master of Healthcare Innovation.</li> <li>• Update your resume.</li> </ul>
★ HCR 400: Evidence-Based Practice for the Health Care Professional	3	C	
Health Innovation Elective	3	C	
Term hours subtotal:	9		

Term 7 - B 99 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
HCI 313: Philosophy of Science in Health Care: Understanding Paradigms of Health and Healing OR HCI 344: Management and Leadership in Health Organizations OR HCI 412: Transforming Health Care: A Systems Perspective for Innovation OR HCI 421: Health Care Policy: The Innovator's View OR HCI 425: Facilitating Innovation to Achieve Outcomes OR HCI 428: Technology: A Tool to Advance Innovation in Health Care	3	C	<ul style="list-style-type: none"> <li>• Gather <b>professional references</b>.</li> </ul>
★ HCR 406: Health Literacy for Health Care Professionals	3	C	
Term hours subtotal:	6		

Term 8 - A 105 - 114 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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HCI 313: Philosophy of Science in Health Care: Understanding Paradigms of Health and Healing OR HCI 344: Management and Leadership in Health Organizations OR HCI 412: Transforming Health Care: A Systems Perspective for Innovation OR HCI 421: Health Care Policy: The Innovator's View OR HCI 425: Facilitating Innovation to Achieve Outcomes OR HCI 428: Technology: A Tool to Advance Innovation in Health Care

★ Leadership in Health Organizations OR HCI 412: Transforming Health Care: A Systems Perspective for Innovation OR HCI 421: Health Care Policy: The Innovator's View OR HCI 425: Facilitating Innovation to Achieve Outcomes OR HCI 428: Technology: A Tool to Advance Innovation in Health Care	3	C
HCI 484: Internship OR Upper Division Elective	3	
Upper Division Social-Behavioral Sciences (SB) OR Upper Division Humanities, Arts and Design (HU)	3	
Term hours subtotal:	9	

- Apply for full-time career opportunities.

Term 8 - B 114 - 120 Credit Hours	Hours	Minimum Grade	Notes
Health Innovation Elective	3	C	• Connect with us as a member of our alumni community.
Upper Division Elective	3		
Term hours subtotal:	6		

- Students should consult with their academic advisor to identify appropriate courses for the Health Innovation Elective. Students are encouraged to select courses in a thematic area and may pursue a minor to fulfill the Health Innovation Elective requirement.

Hide Course List(s)/Track Group(s)

Health Innovation Elective
ACC OR BUA OR ECN OR ENT OR FIN OR HCI OR HCR OR LES OR MGT OR MKT OR NTR OR OGL OR OMT OR SCM OR SOS OR TEL OR TEM Elective
ASB 100: Introduction to Global Health (SB & G)
ASB 301: Global History of Health (SB & G & H)
ASB 353: Death and Dying in Cross-Cultural Perspective ((HU or SB) & G)
ASB 462: Medical Anthropology: Culture and Health (SB & C)
ASM 414: Urban, Environmental and Health Challenges (SB)
CHS 100: Optimizing Your Health and Performance (SB)
PAF 311: Leadership and Change (SB)
PAF 410: Building Leadership Skills (SB)
SOS 100: Introduction to Sustainability (G)
SOS 110: Sustainable World (SB)

Notes:

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- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

















## 2023 - 2024 Major Map

### Integrative Health - Nursing & Gen Health Interest, BS

School/College: Edson College of Nursing and Health Innovation

Location: West

NUIHLTBS

Term 1 0 - 14 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ASU 101-NU: The ASU Experience	1	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>Select your <b>Career Interest Communities</b>, play me3@ASU and review <b>academic programs</b>.</li> <li>Create a first draft <b>resume</b>.</li> <li>Explore <b>study abroad</b> options.</li> <li>Meet with your <b>First-Year Success Coach</b>.</li> </ul>
 CHM 101: Introductory Chemistry (SQ) OR BIO 201: Human Anatomy and Physiology I (SG)	4	C	
 ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
 HCR 220: Introduction to Health Professions and the U.S. Health Care System (H)	3	C	
 MAT course (MA) ( MAT 142 OR MAT 117 recommended)	3	C	
Term hours subtotal:	14		
Term 2 14 - 30 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 CDE 232: Human Development (SB) OR PSY 101: Introduction to Psychology (SB)	3	C	<ul style="list-style-type: none"> <li>Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> <li>Apply for a <b>study abroad</b> experience.</li> <li>Explore <b>engagement opportunities</b> in the Edson College of Nursing and Health Innovation.</li> <li>Join a <b>student club</b> or <b>professional organization</b>.</li> </ul>
 CHM 101: Introductory Chemistry (SQ) OR BIO 201: Human Anatomy and Physiology I (SG)	4	C	
 ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
 HCR 210: Ethics for the Health Care Professional (HU)	3	C	
 STP 226: Elements of Statistics (CS) OR SOC 390: Social Statistics I (CS) OR SWU 321: Statistics for Social Workers (CS)	3	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		
Term 3 30 - 44 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 BIO 202: Human Anatomy and Physiology II (SG)	4	C	<ul style="list-style-type: none"> <li>Develop your <b>skills</b>.</li> <li>Explore <b>minors</b> or <b>certificates</b>.</li> </ul>
 CDE 232: Human Development (SB) OR PSY 101: Introduction to Psychology (SB)	3	C	
 HCR 230: Culture and Health (C & G)	3	C	

❗ MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG) 4 C

Complete Mathematics (MA) requirement.

Term hours subtotal: 14

Term 4 44 - 60 Credit Hours Critical course signified by ❗	Hours	Minimum Grade	Notes
❗ HCR 240: Human Pathophysiology	4	C	<ul style="list-style-type: none"> <li>• Explore an <b>internship</b>.</li> <li>• Schedule an appointment with your advisor to review your academic progress.</li> </ul>
❗ HCR 241: Foundations of Integrative Health	3	C	
❗ NTR 241: Human Nutrition	3	C	
SOC course (SB) ( SOC 101 recommended)	3	C	
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	16		

Term 5 60 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HCR 341: Biological, Manipulative, and Body-Based Therapies OR HCR 342: Mind-Body and Energy Therapies and Modalities	3	C	<ul style="list-style-type: none"> <li>• Develop your <b>professional online presence</b>.</li> </ul>
★ TWC 362: Writing in Health Professions (L) OR TWC 347: Written Communication for Managers (L)	3	C	
COM 225: Public Speaking (L)	3	C	
PMG 240: Introduction to Project Management	3	C	
SWU 250: Stress Management Tools I (SB) OR SWU 349: Stress Management Tools II (SB) OR SWU 350: Whole Person Health Across the Lifespan (SB)	3	C	
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HCR 301: Research Methods for the Health Care Professional	3	C	<ul style="list-style-type: none"> <li>• Use <b>Handshake</b> to research employment opportunities.</li> <li>• Complete an in-person or virtual <b>practice interview</b>.</li> <li>• Connect with your advisor to learn more about the accelerated pathways to the <b>MS in Aging</b> and <b>Master of Healthcare Innovation</b>. These innovative pathways provide an opportunity for you to share up to 11-12 credit hours to accelerate completion of a master's degree.</li> </ul>
★ HCR 303: Assessing Needs, Assets and Capacity for Health Education	3	C	
★ HCR 341: Biological, Manipulative, and Body-Based Therapies OR HCR 342: Mind-Body and Energy Therapies and Modalities	3	C	
★ HCR 343: Historical and Cultural Foundations of Integrative Health Care	3	C	
HCI 311: Health Innovation: Foundational Concepts	3	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HCR 400: Evidence-Based Practice for the Health Care Professional	3	C	<ul style="list-style-type: none"> <li>• Explore <b>graduate programs</b> including ASU's <b>Master of Healthcare Innovation</b>, the <b>MS in Regulatory Science</b>, and the <b>MS in Aging</b> programs.</li> <li>• Gather <b>professional references</b>.</li> <li>• Update your <b>resume</b>.</li> </ul>
★ HCR 406: Health Literacy for Health Care Professionals	3	C	
★ HCR 440: Interprofessional Approaches to Integrative Health Care	3	C	
★ Internship or Experiential Learning	1		
HCI 428: Technology: A Tool to Advance Innovation in Health Care	3	C	
Elective	2		

Term hours subtotal: 15

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HCR 441: Legal and Ethical Issues Impacting Integrative Health Care	3	C	<ul style="list-style-type: none"> <li>• Apply for full-time career opportunities.</li> <li>• Connect with us as a member of our alumni community.</li> </ul>
★ HCR 449: Integrative Health Care Capstone	3	C	
★ TWC 443: Grant & Proposal Writing	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Elective	3		
Term hours subtotal:		15	

- The BS Integrative Health degree program provides opportunities for students to pursue two separate pathways.
- The Health Professional School track provides an opportunity for students interested in pursuing graduate study in the health professions. This track includes the core required courses for most graduate programs. Students pursuing a graduate program in health should consult with an advisor to review the complete curriculum for graduate school preparation in the health professions.
- The Nursing and General Health Interest track includes the prerequisites for the nursing program at Arizona State University. This track also provides options for students interested in health care.

Hide Course List(s)/Track Group(s)

Internship or Experiential Learning
HCI 484: Internship
HCR 280: Team-Based Research Practicum
HCR 471: Interprofessional Education and Community Health
HCR 472: Interprofessional Education and Complex Health
HCR 473: Interprofessional Education and Comprehensive Systems Health
HCR 480: Advanced Team-Based Research Practicum
HCR 484: Internship
HCR 493: Honors Thesis (L)
NUR 493: Honors Thesis (L)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.













## 2023 - 2024 Major Map




### Integrative Health - Nursing & Gen Health Interest, BS




School/College: [Edson College of Nursing and Health Innovation](#)



Location: [Online ASU Local](#)




NUIHLTBS

Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ASU 101-NU: The ASU Experience	1	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>Select your <a href="#">Career Interest Communities</a>, play <a href="#">me3@ASU</a> and review <a href="#">academic programs</a>.</li> </ul>
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
 MAT course (MA) ( MAT 142 OR MAT 117 recommended)	3	C	
Term hours subtotal:	7		
Term 1 - B 7 - 14 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CHM 101: Introductory Chemistry (SQ) OR BIO 201: Human Anatomy and Physiology I (SG)	4	C	<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> <li>Create a first draft <a href="#">resume</a>.</li> </ul>
 HCR 220: Introduction to Health Professions and the U.S. Health Care System (H)	3	C	
Term hours subtotal:	7		
Term 2 - A 14 - 21 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CHM 101: Introductory Chemistry (SQ) OR BIO 201: Human Anatomy and Physiology I (SG)	4	C	<ul style="list-style-type: none"> <li>Secure a <a href="#">part-time job</a> or <a href="#">volunteer experience</a>.</li> </ul>
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		
Term 2 - B 21 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CDE 232: Human Development (SB) OR PSY 101: Introduction to Psychology (SB)	3	C	<ul style="list-style-type: none"> <li>Attend a <a href="#">Study Abroad 101</a> session.</li> </ul>
 HCR 210: Ethics for the Health Care Professional (HU)	3	C	
 STP 226: Elements of Statistics (CS) OR SOC 390: Social Statistics I (CS) OR SWU 321: Statistics for Social Workers (CS)	3	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	9		
		<b>Minimum</b>	



Term 3 - A 30 - 37 Credit Hours Critical course signified by 	Hours	Grade	Notes
 HCR 230: Culture and Health (C & G)	3	C	• Develop your skills.
 MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG)	4	C	
Term hours subtotal:	7		




Term 3 - B 37 - 44 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 BIO 202: Human Anatomy and Physiology II (SG)	4	C	
 CDE 232: Human Development (SB) OR PSY 101: Introduction to Psychology (SB)	3	C	
Complete Mathematics (MA) requirement.			
Term hours subtotal:	7		

Term 4 - A 44 - 53 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 HCR 241: Foundations of Integrative Health	3	C	• Explore an internship.
SOC course (SB) ( SOC 101 recommended)	3		
Humanities, Arts and Design (HU)	3		
Term hours subtotal:	9		

Term 4 - B 53 - 60 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 HCR 240: Human Pathophysiology	4	C	• Schedule an appointment with your advisor to review your academic progress.
 NTR 241: Human Nutrition	3	C	
Term hours subtotal:	7		

Term 5 - A 60 - 69 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
 TWC 362: Writing in Health Professions (L) OR TWC 347: Written Communication for Managers (L)	3	C	• Develop your professional online presence.
PMG 240: Introduction to Project Management	3	C	
SWU 250: Stress Management Tools I (SB) OR SWU 349: Stress Management Tools II (SB) OR SWU 350: Whole Person Health Across the Lifespan (SB)	3	C	
Term hours subtotal:	9		

Term 5 - B 69 - 75 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
 HCR 341: Biological, Manipulative, and Body-Based Therapies OR HCR 342: Mind-Body and Energy Therapies and Modalities	3	C	
COM 225: Public Speaking (L)	3	C	
Term hours subtotal:	6		

Term 6 - A 75 - 84 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
 HCR 301: Research Methods for the Health Care Professional	3	C	• Use Handshake to research employment opportunities. • Connect with your advisor to learn more about the accelerated pathways to the MS in Aging and Master of Healthcare Innovation. These
 HCR 303: Assessing Needs, Assets and Capacity for Health Education	3	C	
HCI 311: Health Innovation: Foundational Concepts	3	C	
Term hours subtotal:	9		

innovative pathways provide an opportunity for you to share up to 11-12 credit hours to accelerate completion of a master's degree.

Term 6 - B 84 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HCR 341: Biological, Manipulative, and Body-Based Therapies OR HCR 342: Mind-Body and Energy Therapies and Modalities	3	C	• Complete an in person or virtual practice interview.
★ HCR 343: Historical and Cultural Foundations of Integrative Health Care	3	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:		6	

Term 7 - A 90 - 99 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HCR 400: Evidence-Based Practice for the Health Care Professional	3	C	• Explore graduate programs including ASU's Master of Healthcare Innovation, the MS in Regulatory Science, and the MS in Aging programs.
★ HCR 440: Interprofessional Approaches to Integrative Health Care	3	C	
HCI 428: Technology: A Tool to Advance Innovation in Health Care	3	C	
Term hours subtotal:		9	

Term 7 - B 99 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HCR 406: Health Literacy for Health Care Professionals	3	C	• Gather professional references. • Update your resume.
★ HCR 484: Internship	1	Y	
Elective	2		
Term hours subtotal:		6	

Term 8 - A 105 - 114 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HCR 441: Legal and Ethical Issues Impacting Integrative Health Care	3	C	• Apply for full-time career opportunities.
★ TWC 443: Grant & Proposal Writing	3	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:		9	

Term 8 - B 114 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HCR 449: Integrative Health Care Capstone	3	C	• Connect with us as a member of our alumni community.
Elective	3		
Term hours subtotal:		6	

- The BS Integrative Health degree program provides opportunities for students to pursue two separate pathways.



- The Health Professional School track provides an opportunity for students interested in pursuing graduate study in the health professions. This track includes the core required courses for most graduate programs. Students pursuing a graduate program in health should consult with an advisor to review the complete curriculum for graduate school preparation in the health professions.
- The Nursing and General Health Interest track includes the prerequisites for the nursing program at Arizona State University. This track also provides options for students interested in health care.

Hide Course List(s)/Track Group(s)

**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.







## 2023 - 2024 Major Map





### Integrative Health - Pre Health Grad School Track, BS



School/College: [Edson College of Nursing and Health Innovation](#)

Location: [West](#)



NUIHLTBS

Term 1 0 - 14 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ASU 101-NU: The ASU Experience	1	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>All first-year students enroll in HCR 220 in their first semester at ASU.</li> <li>Select your <b>Career Interest Communities</b>, play <a href="mailto:me3@asu.edu">me3@ASU</a> and review <b>academic programs</b>.</li> <li>Create a first draft <b>resume</b>.</li> <li>Explore <b>study abroad</b> options.</li> <li>Meet with your <b>First Year Success Coach</b>.</li> </ul>
 CHM 113: General Chemistry I (SQ)	4	C	
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
 HCR 220: Introduction to Health Professions and the U.S. Health Care System (H)	3	C	
 MAT 251: Calculus for Life Sciences (MA)	3	C	
Term hours subtotal:	14		







Term 2 14 - 31 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> <li>Apply for a <b>study abroad</b> experience.</li> <li>Explore <b>engagement opportunities</b> in the Edson College of Nursing and Health Innovation.</li> <li>Join a <b>student club</b> or <b>professional organization</b>.</li> <li>Review resources and opportunities available through <b>ASU Pre-Health Advising</b>.</li> </ul>
 HCR 210: Ethics for the Health Care Professional (HU)	3	C	
 STP 226: Elements of Statistics (CS) OR SOC 390: Social Statistics I (CS) OR SWU 321: Statistics for Social Workers (CS)	3	C	
BIO 181: General Biology I (SQ)	4	C	
CHM 116: General Chemistry II (SQ)	4	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	17		

Term 3 31 - 45 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 HCR 230: Culture and Health (C & G)	3	C	<ul style="list-style-type: none"> <li>Develop your <b>skills</b>.</li> <li>If interested in <b>health-related professional programs</b>, research the timeline for admissions preparation and general admission requirements.</li> <li>Explore <b>minors</b> or <b>certificates</b>.</li> <li>View <b>Career Webinars</b>.</li> </ul>
BIO 182: General Biology II (SQ)	4	C	
CDE 232: Human Development (SB) OR PSY 101: Introduction to Psychology (SB)	3	C	
PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ)	4	C	
Complete Mathematics (MA) requirement.			

Term hours subtotal: 14

Term 4 45 - 59 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 HCR 241: Foundations of Integrative Health	3	C	<ul style="list-style-type: none"> <li>• Explore an <b>internship</b>.</li> <li>• Schedule an appointment with your <b>advisor</b> to review your academic progress.</li> <li>• Consider an <b>undergraduate research experience</b>.</li> </ul>
CHM 233: General Organic Chemistry I	3	C	
CHM 237: General Organic Chemistry Laboratory I	1	C	
NTR 241: Human Nutrition	3	C	
PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ)	4	C	
Term hours subtotal:	14		

Term 5 59 - 74 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 HCR 341: Biological, Manipulative, and Body-Based Therapies OR HCR 342: Mind-Body and Energy Therapies and Modalities	3	C	<ul style="list-style-type: none"> <li>• Develop your <b>professional online presence</b>.</li> <li>• Register for a graduate school <b>test prep course</b>.</li> </ul>
 TWC 362: Writing in Health Professions (L) OR TWC 347: Written Communication for Managers (L)	3	C	
CDE 232: Human Development (SB) OR PSY 101: Introduction to Psychology (SB)	3	C	
COM 225: Public Speaking (L)	3	C	
SWU 349: Stress Management Tools II (SB) OR SWU 350: Whole Person Health Across the Lifespan (SB)	3	C	
Term hours subtotal:	15		

Term 6 74 - 90 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 HCR 301: Research Methods for the Health Care Professional	3	C	<ul style="list-style-type: none"> <li>• Use <b>Handshake</b> to research employment opportunities.</li> <li>• Connect with your advisor to learn more about the accelerated pathways to the <b>MS in Aging</b> and <b>Master of Healthcare Innovation</b>. These innovative pathways provide an opportunity for you to share up to 11-12 credit hours to accelerate completion of a master's degree.</li> </ul>
 HCR 303: Assessing Needs, Assets and Capacity for Health Education	3	C	
 HCR 341: Biological, Manipulative, and Body-Based Therapies OR HCR 342: Mind-Body and Energy Therapies and Modalities	3	C	
 HCR 343: Historical and Cultural Foundations of Integrative Health Care	3	C	
CHM 234: General Organic Chemistry II	3	C	
CHM 238: General Organic Chemistry Laboratory II	1	C	
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	16		

Term 7 90 - 105 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 HCI 311: Health Innovation: Foundational Concepts	3	C	<ul style="list-style-type: none"> <li>• Explore <b>graduate programs</b> including ASU's <b>Master of Healthcare Innovation</b>, the <b>MS in Regulatory Science</b>, and the <b>MS in Aging</b> programs.</li> <li>• Gather <b>professional references</b>.</li> <li>• Update your <b>resume</b>.</li> </ul>
 HCR 400: Evidence-Based Practice for the Health Care Professional	3	C	
 HCR 406: Health Literacy for Health Care Professionals	3	C	
 HCR 440: Interprofessional Approaches to Integrative Health Care	3	C	
PMG 240: Introduction to Project Management	3	C	
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
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★ HCI 428: Technology: A Tool to Advance Innovation in Health Care	3	C
★ HCR 441: Legal and Ethical Issues Impacting Integrative Health Care	3	C
★ HCR 449: Integrative Health Care Capstone	3	C
★ TWC 443: Grant & Proposal Writing	3	C
Humanities, Arts and Design (HU)	3	
Term hours subtotal:	15	

- Apply for full-time career opportunities.
- Connect with us as a member of our alumni community.

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- The Health Professional School track provides an opportunity for students interested in pursuing graduate study in the health professions. This track includes the core required courses for most graduate programs. Students pursuing a graduate program in health should consult with an advisor to review the complete curriculum for graduate school preparation in the health professions.
- The Nursing and General Health Interest track includes the prerequisites for the nursing program at Arizona State University. This track also provides options for students interested in health care.

Hide Course List(s)/Track Group(s)

**Notes:**

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**Total Hours:** 120  
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- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

## 2023 - 2024 Major Map

### Integrative Health - Pre Health Grad School Track, BS





School/College: [Edson College of Nursing and Health Innovation](#)





Location: [Online ASU Local](#)

NUIHLTBS




In order to complete the requirements of this program, some laboratory courses will be completed in-person at the Tempe Campus.

These laboratory courses will be offered during summer. This may impact your financial aid. Financial aid is available to those who apply and qualify, and students may receive funds to help cover costs for each semester of enrollment. The amount of financial aid that a student is eligible for varies depending on prior education experience and other individual factors. [Learn](#) more about summer financial aid and additional ways to cover summer costs.

Term 1 - A 0 - 8 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ASU 101-NU: The ASU Experience	1	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students</li> </ul>
 CHM 113: General Chemistry I (SQ)	4	C	
 MAT 251: Calculus for Life Sciences (MA)	3	C	
Term hours subtotal:	8		



Term 1 - B 8 - 17 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> <li>Select your <a href="#">Career Interest Communities</a>, play <a href="#">me3@ASU</a> and review <a href="#">academic programs</a>.</li> <li>Create a first draft <a href="#">resume</a>.</li> <li>Explore <a href="#">study abroad</a> options.</li> </ul>
 HCR 210: Ethics for the Health Care Professional (HU)	3	C	
 HCR 220: Introduction to Health Professions and the U.S. Health Care System (H)	3	C	
Term hours subtotal:	9		



Term 2 - A 17 - 24 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>Secure a <a href="#">part-time job</a> or <a href="#">volunteer experience</a>.</li> </ul>
BIO 181: General Biology I (SQ)	4	C	
Term hours subtotal:	7		



Term 2 - B 24 - 31 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CHM 116: General Chemistry II (SQ)	4	C	<ul style="list-style-type: none"> <li>Apply for a <a href="#">study abroad</a> experience.</li> <li>Review resources and opportunities available through <a href="#">ASU Pre-Health Advising</a>.</li> </ul>
 STP 226: Elements of Statistics (CS) OR SOC 390: Social Statistics I (CS) OR SWU 321: Statistics for Social Workers (CS)	3	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			

Term hours subtotal: 7

Term 3 - A 31 - 39 Credit Hours	Hours	Minimum Grade	Notes
BIO 182: General Biology II (SG)	4	C	<ul style="list-style-type: none"> <li>Develop your <b>skills</b>.</li> <li>If interested in <b>health-related professional programs</b>, research the timeline for admissions preparation and general admission requirements.</li> </ul>
PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ)	4	C	
Term hours subtotal:	8		



Term 3 - B 39 - 46 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 HCR 230: Culture and Health (C & G)	3	C	<ul style="list-style-type: none"> <li>Explore <b>minors or certificates</b>.</li> <li>Review the <b>Career Guide for ASU Online</b> students to learn about available career planning resources.</li> </ul>
PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ)	4	C	
Complete Mathematics (MA) requirement.			
Term hours subtotal:	7		

Term 4 - A 46 - 52 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 HCR 241: Foundations of Integrative Health	3	C	<ul style="list-style-type: none"> <li>Explore an <b>internship</b>.</li> </ul>
NTR 241: Human Nutrition	3	C	
Term hours subtotal:	6		

Term 4 - B 52 - 58 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CHM 233: General Organic Chemistry I	3	C	<ul style="list-style-type: none"> <li>Schedule an appointment with your <b>advisor</b> to review your academic progress.</li> <li>Plan for in-person laboratory attendance in summer.</li> </ul>
CDE 232: Human Development (SB) OR PSY 101: Introduction to Psychology (SB)	3	C	
Term hours subtotal:	6		

Summer 4 58 - 59 Credit Hours	Hours	Minimum Grade	Notes
CHM 237: General Organic Chemistry Laboratory I	1	C	<ul style="list-style-type: none"> <li>ASU Online students will complete all experiments for the Organic Chemistry labs at the Tempe campus of ASU during a one-week session in summer. Lab reports will be completed in subsequent weeks during the same summer term.</li> </ul>
Term hours subtotal:	1		

Term 5 - A 59 - 65 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 TWC 362: Writing in Health Professions (L) OR TWC 347: Written Communication for Managers (L)	3	C	<ul style="list-style-type: none"> <li>Develop your <b>professional online presence</b>.</li> </ul>
CDE 232: Human Development (SB) OR PSY 101: Introduction to Psychology (SB)	3	C	
Term hours subtotal:	6		

Term 5 - B 65 - 71 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 HCR 341: Biological, Manipulative, and Body-Based Therapies OR HCR 342: Mind-Body and Energy Therapies and Modalities	3	C	<ul style="list-style-type: none"> <li>Register for a graduate school <b>test prep course</b>.</li> </ul>
COM 225: Public Speaking (L)	3	C	

Term hours subtotal: 6

Term 6 - A 71 - 77 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ HCR 301: Research Methods for the Health Care Professional	3	C	<ul style="list-style-type: none"> <li>• Use <b>Handshake</b> to research employment opportunities.</li> <li>• Connect with your advisor to learn more about the accelerated pathways to the <b>MS in Aging</b> and <b>Master of Healthcare Innovation</b>. These innovative pathways provide an opportunity for you to share up to 11-12 credit hours to accelerate completion of a master's degree.</li> </ul>
★ HCR 303: Assessing Needs, Assets and Capacity for Health Education	3	C	
Term hours subtotal:	6		

Term 6 - B 77 - 86 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ HCR 341: Biological, Manipulative, and Body-Based Therapies OR HCR 342: Mind-Body and Energy Therapies and Modalities	3	C	<ul style="list-style-type: none"> <li>• Schedule an appointment with your <b>advisor</b> to review your academic progress.</li> <li>• Plan for in-person laboratory attendance in summer.</li> </ul>
★ HCR 343: Historical and Cultural Foundations of Integrative Health Care	3	C	
CHM 234: General Organic Chemistry II	3	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	9		

Summer 6 86 - 87 Credit Hours	Hours	Minimum Grade	Notes
CHM 238: General Organic Chemistry Laboratory II	1	C	<ul style="list-style-type: none"> <li>• ASU Online students will complete all experiments for the Organic Chemistry labs at the Tempe campus of ASU during a one-week session in summer. Lab reports will be completed in subsequent weeks during the same summer term.</li> </ul>
Term hours subtotal:	1		

Term 7 - A 87 - 96 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ HCI 311: Health Innovation: Foundational Concepts	3	C	<ul style="list-style-type: none"> <li>• Explore <b>graduate programs</b> including ASU's <b>Master of Healthcare Innovation</b>, the <b>MS in Regulatory Science</b>, and the <b>MS in Aging</b> programs.</li> <li>• Gather <b>professional references</b>.</li> <li>• Update your <b>resume</b>.</li> </ul>
★ HCR 400: Evidence-Based Practice for the Health Care Professional	3	C	
★ HCR 440: Interprofessional Approaches to Integrative Health Care	3	C	
Term hours subtotal:	9		

Term 7 - B 96 - 105 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ HCR 406: Health Literacy for Health Care Professionals	3	C	
PMG 240: Introduction to Project Management	3	C	
SWU 349: Stress Management Tools II (SB) OR SWU 350: Whole Person Health Across the Lifespan (SB)	3	C	
Term hours subtotal:	9		

Term 8 - A 105 - 114 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ HCR 441: Legal and Ethical Issues Impacting Integrative Health Care	3	C	<ul style="list-style-type: none"> <li>• Apply for <b>full-time career opportunities</b>.</li> </ul>

TWC 443: Grant & Proposal Writing	3	C
Humanities, Arts and Design (HU)	3	
Term hours subtotal:	9	

Term 8 - B 114 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ HCI 428: Technology: A Tool to Advance Innovation in Health Care	3	C	• Connect with us as a member of our alumni community.
★ HCR 449: Integrative Health Care Capstone	3	C	
Term hours subtotal:	6		

- The BS Integrative Health degree program provides opportunities for students to pursue two separate pathways.
- The Health Professional School track provides an opportunity for students interested in pursuing graduate study in the health professions. This track includes the core required courses for most graduate programs. Students pursuing a graduate program in health should consult with an advisor to review the complete curriculum for graduate school preparation in the health professions.
- The Nursing and General Health Interest track includes the prerequisites for the nursing program at Arizona State University. This track also provides options for students interested in health care.

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map

### Nursing - Accelerated BSN, BSN

School/College: [Edson College of Nursing and Health Innovation](#)

Location: [Downtown Phoenix, Polytechnic, West, ASU at Lake Havasu, ASU at The Gila Valley](#)

NUNURDBSN

The accelerated BSN/MS option is currently only available to ASU Online students.

Term 6 0 - 0 Credit Hours	Hours	Minimum Grade	Notes
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Students must be placed in the Accelerated Clinical Nursing Program by Edson College Student Services after completion of all prerequisite coursework and available clinical space. This map includes the remaining requirements for students placed into the accelerated program.

Term hours subtotal: 0

Term 7 0 - 17 Credit Hours	Hours	Minimum Grade	Notes
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NUR 310: Health and Illness Concepts: Beginning

4

C

NUR 320: Clinical Practice: Beginning

3

Y

NUR 330: Professional Nurse Attributes (HU)

3

C

NUR 331: Experiential Learning: Beginning

4

C

NUR 400: Concept Integration Across the Lifespan: Beginning

3

C

Term hours subtotal: 17

- Activate your [Handshake](#) account and build out your profile.
- Join a [professional organization](#).
- Develop your [professional online presence](#)

Summer 7 17 - 34 Credit Hours	Hours	Minimum Grade	Notes
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NUR 315: Nursing Research and Application to Practice (L)

3

C

NUR 321: Clinical Practice: Developing

3

Y

NUR 327: Health and Illness Concepts: Developing

4

C

NUR 332: Experiential Learning: Developing

4

C

NUR 401: Concept Integration Across the Lifespan: Developing

3

C

Term hours subtotal: 17

- Gather professional and academic [references](#).
- Explore [graduate programs](#).

Term 8 34 - 50 Credit Hours	Hours	Minimum Grade	Notes
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NUR 322: Clinical Practice: Accomplished

4

Y

NUR 328: Concepts of Health and Illness: Accomplished

4

C

NUR 333: Experiential Learning: Accomplished

2

C

NUR 350: Professional Nurse Attributes: Accomplished

3

C

NUR 402: Concept Integration Across the Lifespan: Accomplished

3

C

Term hours subtotal: 16

- Study for the National Council Licensure Examination (NCLEX).
- Apply for [full-time career opportunities](#).
- Complete an in person or virtual [practice interview](#).
- Connect with us as a member of our [alumni community](#).

- Placement into the Accelerated BSN prelicensure clinical nursing program is based on clinical space availability. In addition to the application to ASU, there is a separate advancement process to be selected for placement.
- Prospective students should consult with the Edson College of Nursing and Health Innovation student academic services for the advancement requirements, including prerequisites, TEAS requirement, and immunization/background requirements.
- Students should view the [Accelerated BSN Prelicensure Clinical Nursing Program Information Session](#).
- Completion of General Studies and composition requirements at a domestic institution accredited by an organization recognized by ASU as certified on the official transcript will fulfill lower-division General Studies and composition requirements. Certification of completed general studies may include completion of general education package (ex: AGECE, CSUGE, IGETC); an associate of arts degree or bachelor's degree; or comparable as documented on an official transcript. These students are still required to fulfill lower-division program requirements and prerequisites within their college and major and minor areas of study.
- Students must still take six upper-division credit hours (three for L and three for SB or HU) to complete the ASU university-level graduation requirements. These requirements are included in the required NUR prelicensure clinical nursing program courses.
- If students transfer from Arizona community colleges without completing the AGECE or from other accredited postsecondary institutions, they receive credit for General Studies based on course-by-course equivalency. Students should see the [Arizona General Education Curriculum](#) page.
- **All students must have first-year composition and lower-division general studies completed by the advancement application deadline.**

[Hide Course List\(s\)/Track Group\(s\)](#)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 50

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

## First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

## 2023 - 2024 Major Map

### Nursing - Traditional BSN, BSN

School/College: [Edson College of Nursing and Health Innovation](#)

Location: [Downtown Phoenix](#), [Polytechnic](#), [West](#), [ASU at Lake Havasu](#), [ASU at The Gila Valley](#)

NUNURDBSN

The accelerated BSN/MS option is currently only available to ASU Online students.

Term 1 0 - 14 Credit Hours Critical course signified by ⚠	Hours	Minimum Grade	Notes
⚠ ASU 101-NU: The ASU Experience	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>Direct admit students must meet <b>Continuing Eligibility Criteria (CEC)</b> each semester (Terms 1-4) to advance into the prelicensure clinical nursing program. The following criteria will be reviewed each semester:</li> <li>Full-time enrollment at ASU (minimum 12 credit hours per term)</li> <li>Enroll in courses following the published course sequence (according to term) on the major map in terms 1-4.</li> <li>All courses must be completed at ASU unless approved by petition</li> <li>3.50 minimum semester critical (prerequisite) courses GPA in term 1-4 (includes +/- in computation) with no grades lower than a C. Critical courses are marked with symbol on the major map. Electives and other general studies courses that are not marked with this symbol are not included in the calculation.</li> <li>Successful completion of all screening items by the established deadlines.</li> </ul>
⚠ CHM 101: Introductory Chemistry (SQ) OR BIO 201: Human Anatomy and Physiology I (SG)	4	C	
⚠ ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
⚠ HCR 220: Introduction to Health Professions and the U.S. Health Care System (H)	3	C	
⚠ MAT course (MA) (MAT 142 OR MAT 117 recommended)	3	C	
⚠ Maintain 3.50 GPA in Critical Tracking Courses.			
Term hours subtotal:	14		

Term 2 14 - 30 Credit Hours Critical course signified by ⚠	Hours	Minimum Grade	Notes
⚠ CDE 232: Human Development (SB) OR PSY 101: Introduction to Psychology (SB)	3	C	<ul style="list-style-type: none"> <li>Direct admit students must meet <b>Continuing Eligibility Criteria (CEC)</b> each semester (Terms 1-4) to advance into the prelicensure clinical nursing program. See criteria in term 1 note and at bottom of major map.</li> </ul>
⚠ CHM 101: Introductory Chemistry (SQ) OR BIO 201: Human Anatomy and Physiology I (SG)	4	C	

⚠️ ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C
⚠️ HCR 210: Ethics for the Health Care Professional (HU)	3	C
⚠️ Approved Statistics Course AND Computer/Statistics/Quantitative Applications (CS)	3	C
⚠️ Maintain 3.50 GPA in Critical Tracking Courses. Complete ENG 101 OR ENG 105 OR ENG 107 course(s).		
Term hours subtotal:	16	

- Activate your **Handshake** account and build out your profile.
- Create a first draft **resume**.
- Secure a **part-time job** or **volunteer experience**.
- Explore options for **summer employment**.
- Explore and/or Apply for summer **Study Abroad**.

Term 3 30 - 44 Credit Hours Critical course signified by ⚠️	Hours	Minimum Grade	Notes
⚠️ BIO 202: Human Anatomy and Physiology II (SG)	4	C	<ul style="list-style-type: none"> <li>• Direct admit students must meet <b>Continuing Eligibility Criteria (CEC)</b> each semester (Terms 1-4) to advance into the clinical nursing program. See criteria in term 1 note and at bottom of major map.</li> <li>• Join a <b>student club</b> or <b>professional organization</b>.</li> <li>• Meet with your academic success advisor to review the advancement requirements, including health and safety expectations.</li> </ul>
⚠️ CDE 232: Human Development (SB) OR PSY 101: Introduction to Psychology (SB)	3	C	
⚠️ HCR 230: Culture and Health (C & G)	3	C	
⚠️ MIC 205: Microbiology (SG) AND MIC 206: Microbiology Laboratory (SG)	4	C	
⚠️ Maintain 3.50 GPA in Critical Tracking Courses. Complete Mathematics (MA) requirement.			
Term hours subtotal:	14		

Term 4 44 - 57 Credit Hours Critical course signified by ⚠️	Hours	Minimum Grade	Notes
⚠️ HCR 240: Human Pathophysiology	4	C	<ul style="list-style-type: none"> <li>• Direct admit students must meet <b>Continuing Eligibility Criteria (CEC)</b> each semester (Terms 1-4) to advance into the prelicensure clinical nursing program. See criteria in term 1 note and at bottom of major map.</li> <li>• Submit your <b>Clinical Nursing Advancement Application</b> by February 1 for summer/fall start or September 1 for spring start.</li> </ul>
⚠️ NTR 241: Human Nutrition	3	C	
⚠️ Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3	C	
⚠️ Elective	3		
⚠️ Maintain 3.50 GPA in Critical Tracking Courses. Milestone: Completion of all non-coursework BSN nursing requirements (e.g. immunizations/titers, fingerprint clearance card, background check, CPR/BLS certification, etc.) for continuation into the traditional or accelerated prelicensure clinical nursing program.			
Term hours subtotal:	13		

Term 5 57 - 72 Credit Hours Necessary course signified by ⭐	Hours	Minimum Grade	Notes
⭐ NUR 325: Health and Illness Concepts I	3	C	<ul style="list-style-type: none"> <li>• Develop your <b>professional online presence</b>.</li> </ul>
⭐ NUR 330: Professional Nurse Attributes (HU)	3	C	
⭐ NUR 336: Experiential Learning	3	C	
⭐ NUR 346: Nursing Practice: Geriatric and Adult Health	3	Y	
⭐ NUR 352: Fundamental Concepts in Nursing	3	C	
Term hours subtotal:	15		

Term 6 72 - 88 Credit Hours Necessary course signified by ⭐	Hours	Minimum Grade	Notes
⭐ NUR 315: Nursing Research and Application to Practice (L)	3	C	

★ NUR 326: Health and Illness Concepts: Adults and Psychiatric/Mental Health	4	C
★ NUR 337: Experiential Learning: Intermediate	3	C
★ NUR 347: Nursing Practice: Psychiatric/Mental Health and Childbearing Family	3	Y
★ NUR 353: Integration of Concepts Across the Lifespan: Conception to End of Life	3	C
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).		
Term hours subtotal:	16	

- Use Handshake to research employment opportunities.
- Complete an in person or virtual practice interview.

Term 7 88 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ NUR 404: Professional Nurse Concepts: Intermediate	2	C	<ul style="list-style-type: none"> <li>• Gather professional and academic references.</li> <li>• Explore graduate programs.</li> </ul>
★ NUR 425: Health and Illness Concepts: Adults and Pediatrics	3	C	
★ NUR 436: Experiential Learning: Advanced	3	C	
★ NUR 446: Nursing Practice: Pediatrics and Complex Care of Adults	3	Y	
★ NUR 452: Concepts in Population-Based Health	3	C	
★ NUR 458: Community Care and Collaboration	3	C	
Term hours subtotal:	17		

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ NUR 405: Professional Nurse Concepts: Advanced	3	C	<ul style="list-style-type: none"> <li>• Study for the National Council Licensure Examination (NCLEX).</li> <li>• Apply for full-time career opportunities.</li> <li>• Connect with us as a member of our alumni community.</li> </ul>
★ NUR 426: Health and Illness Concepts Advanced	3	C	
★ NUR 437: Experiential Learning: Readiness to Practice	3	C	
★ NUR 448: Nursing Practice Readiness	3	Y	
★ NUR 453: Integration Concepts in the Health Care (L)	3	C	
Term hours subtotal:	15		

- Direct admit students must meet **Continuing Eligibility Criteria** each semester (Terms 1-4) to advance into the prelicensure clinical nursing program. Advisors in the Edson College of Nursing and Health Innovation review criteria each semester.

**Continuing Eligibility Criteria:**

- Full-time enrollment at ASU (at least 12 credit hours per term; some scholarships require at least 15 credit hours per term)
- Enroll in courses following the published course sequence (according to term) on the major map in terms 1-4.
- All courses must be completed at ASU unless approved by petition.
- 3.50 minimum semester critical (prerequisite) course GPA in terms 1-4 (includes +/- in computation), with no grades lower than a C. Critical courses are marked with symbol on the major map. Electives and other general studies courses that are not marked with this symbol are not included in the calculation.
- Successful completion of all screening items by the established deadlines

## Licensure / Certification Direct Disclosure Statement

The Edson College of Nursing and Health Innovation prepares graduates for excellence upon entering the workplace. Certification and licensure requirements vary by profession and from state-to-state, students should review professional licensure information at [ASU Professional Licensure](#) to determine if a program meets educational requirements for licensure or certification in a specific state. State licensing contact information is available on the website.

### Hide Course List(s)/Track Group(s)

#### Approved Statistics (CS) Courses

EDP 454: Statistical Data Analysis in Education (CS)

PAF 301: Applied Statistics (CS)

SBS 304: Social Statistics I (CS)

SOC 390: Social Statistics I (CS)

STP 226: Elements of Statistics (CS)

STP 231: Statistics for Life Science (CS)

SWU 321: Statistics for Social Workers (CS)

#### Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

#### General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

## 2023 - 2024 Major Map

### Nursing, BSN

School/College: [Edson College of Nursing and Health Innovation](#)

Location: [Online ASU Local](#)

NUNURDBSN

The accelerated BSN/MS option is currently only available to ASU Online students.

Term 5 - A 0 - 3 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TWC 361: Writing for Health Care Management (L)	3	C	<ul style="list-style-type: none"> <li>• Activate your <a href="#">Handshake</a> account and build your profile.</li> <li>• Update your <a href="#">resume</a>.</li> </ul>
Term hours subtotal:	3		
Term 5 - B 3 - 7 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ NUR 391: Professional Nursing Theory (L)	4	C	<ul style="list-style-type: none"> <li>• Join a <a href="#">professional organization</a>.</li> </ul>
Term hours subtotal:	4		
Term 6 - A 7 - 11 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ NUR 318: Nursing Research and Evidence Translation (L)	4	C	<ul style="list-style-type: none"> <li>• Develop your <a href="#">professional online presence</a>.</li> </ul>
Term hours subtotal:	4		
Term 6 - B 11 - 15 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ NUR 392: Health Promotion Across the Life Span	4	C	
Term hours subtotal:	4		
Term 7 - A 15 - 19 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ NUR 440: Community and Public Health Nursing in the United States	4	C	<ul style="list-style-type: none"> <li>• Explore <a href="#">graduate programs</a>.</li> </ul>
Term hours subtotal:	4		
Term 7 - B 19 - 23 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ NUR 495: Public and Global Health in Nursing (G)	4	C	<ul style="list-style-type: none"> <li>• Complete a <a href="#">virtual practice interview</a>.</li> </ul>
Term hours subtotal:	4		
Term 8 - A 23 - 27 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ NUR 460: The Art of Nursing (HU)	4	C	



Term hours subtotal: 4

- Gather academic and **professional references**.

Term 8 - B 27 - 31 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ NUR 444: Innovation in Nursing	4	C	
Term hours subtotal:	4		<ul style="list-style-type: none"><li>• Update your resume.</li><li>• Apply for <b>full-time career opportunities</b>.</li></ul>

Term 9 - A 31 - 35 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ NUR 445: Nursing Management in Health Care	4	C	
Term hours subtotal:	4		<ul style="list-style-type: none"><li>• Connect with us as a member of our <b>alumni community</b>.</li></ul>

Term 9 - B 35 - 39 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ NUR 464: Capstone: The Synthesis of Professional Nursing	4	C	
Term hours subtotal:	4		<ul style="list-style-type: none"><li>• Explore <b>graduate nursing programs at ASU</b>.</li></ul>

- The online RN to BSN program includes options for pathway, non-pathway, and the Concurrent Enrollment Program (CEP). The prerequisites for each option vary and the number of courses needed to graduate from ASU with a BSN may vary. Students must see an RN to BSN academic advisor for more information about the prerequisites and the graduation requirements.

#### State Authorization Disclosure

As a participating National Council for State Authorization Reciprocity Agreements (NC-SARA) member, Arizona State University is authorized to offer distance education to persons located in individual SARA states in accordance with the Council's established policies and standards. California does not participate in SARA and the California Bureau of Private Postsecondary Education does not regulate out-of-state public institutions. ASU may offer educational activities in California. There are some exceptions for specific programs at Edson College. These exceptions are noted on the [ASU State Authorizations website](#).

Due to legislative regulations, Edson College of Nursing and Health Innovation cannot enroll students located in Tennessee, Rhode Island, and Washington for the *online* BSN nursing program. Clinical rotation, field experience, internship, or practicum components of either online and/or ground courses are not currently available to Edson College students in this state. Contact [nursingandhealth@asu.edu](mailto:nursingandhealth@asu.edu) with questions.

[Hide Course List\(s\)/Track Group\(s\)](#)

#### Notes:

- - First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
  - Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 39

General University Requirements Legend

**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

## 2023 - 2024 Major Map

### Applied Science (Emergency Management), BAS

School/College: [Watts College of Public Service & Community Solut](#)

Location: [Downtown Phoenix](#)

PPMGBAS

Applicable Community College Prerequisites 0 - 60 Credit Hours	Hours	Minimum Grade	Notes
AAS Transfer Degree Block	60		
Term hours subtotal:	60		<ul style="list-style-type: none"> <li>• Students may meet lower division general studies requirements with the AAS degree.</li> <li>• Students must complete all ASU general studies requirements in order to earn ASU BAS degree.</li> <li>• Students should work with their academic advisor to run DARS graduation audit to determine needed general studies requirements.</li> </ul>

Term 5 60 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PAF 200: Public Service and Policy in the 21st Century	3	C	
★ PAF 201: Economics and Public Policy (SB)	3	C	
★ PAF 261: Hazards and Risk Management	3	C	
★ PAF 300: Public Management and Administration	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PAF 301: Applied Statistics (CS)	3	C	
★ PAF 311: Leadership and Change (SB)	3	C	
★ PAF 340: Contemporary Policy Challenges	3	C	
★ PAF 360: Emergency Management I	3	C	
Any needed lower division General Studies requirement OR Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		<ul style="list-style-type: none"> <li>• Use Handshake to research employment opportunities</li> </ul>

Term 7 90 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PAF 302: Public Service Research Methods	3	C	
Term hours subtotal:			<ul style="list-style-type: none"> <li>• Apply for full-time career opportunities</li> </ul>

★ PAF 410: Building Leadership Skills (SB)	3	C
★ PAF 424: Emergency Management II	3	C
★ PAF 460: Public Service Ethics	3	C
★ PAF 468: Planning and Exercises	3	C
Term hours subtotal:	15	

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CRJ 419: Domestic Terrorism	3	C	
★ PAF 400: Senior Capstone Project	3	C	
★ PAF 426: Intelligence Analysis and Homeland Security	3	C	
Upper Division Humanities, Arts and Design (HU)	3		
Any needed lower division General Studies requirement OR Elective	3		
Term hours subtotal:	15		

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 60 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.




## 2023 - 2024 Major Map




### Community Advocacy and Social Policy, BA



School/College: Watts College of Public Service & Community Solut

Location: Downtown Phoenix, West

PPCASPBA

Term 1 0 - 16 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 PSY 101: Introduction to Psychology (SB) OR SOC 101: Introductory Sociology (SB)	3		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>For the Public Service Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.</li> </ul>
 SWU 171: Introduction to Social Work (SB & H)	3	C	
ASU 101-CPP: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 142: College Mathematics (MA)	3	C	
Public Service Interdisciplinary Requirement	3		
Milestone: Meet with an academic advisor			
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 PHI 101: Introduction to Philosophy (HU) OR PHI 105: Intro to Ethics (HU) OR SWU 183: Introductory Ethics: A Social Issues Perspectives (HU)	3		<ul style="list-style-type: none"> <li>For the Public Service Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.</li> <li>Join a <b>student club</b> or professional organization.</li> </ul>
ECN 211: Macroeconomic Principles (SB) OR SWU 181: Economics: A Social Issues Perspective	3		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Public Service Interdisciplinary Requirement	3		
Natural Science - Quantitative (SQ)	4		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 32 - 48 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 POS 110: American Government and Politics (SB) OR SWU 182: Social Services Perspective of Government (SB)	3		<ul style="list-style-type: none"> <li>By the end of term 4, students should have completed the following requirements:               <ol style="list-style-type: none"> <li>ECN 211 or SWU 181</li> <li>PHI 101 or PHI 105 or SWU 183</li> <li>POS 110 or SWU 182</li> </ol> </li> </ul>
Diversity and Oppressed Populations	3		
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		

Elective 3

• Develop your **skills**.

❖ Complete Mathematics (MA) requirement.

Term hours subtotal: 16

Term 4 48 - 63 Credit Hours <b>Critical course signified by</b> ❖	Hours	Minimum Grade	Notes
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❖ SWU 291: Social Service Delivery Systems

3 C

Diversity and Oppressed Populations

3

Social Problems and Interventions

3

Complete 2 courses:

Elective

6

❖ Complete ECN 211 OR SWU 181 course.

Term hours subtotal: 15

• Successful completion of SWU 291 will satisfy the college Solution-Based Learning (SBL) Requirement.

Term 5 63 - 78 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
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★ SWU 306: Ethics in Social Services (L)

3 C

★ SWU 350: Whole Person Health Across the Lifespan (SB)

3 C

SWU 321: Statistics for Social Workers (CS)

3

Upper Division Diversity and Oppressed Populations

3

Upper Division Social Problems and Interventions

3

Term hours subtotal: 15

• Develop your **professional online presence**.

Term 6 78 - 93 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
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★ SWU 303: Micro Human Behavior and the Social Environment (L or SB)

3 C

★ SWU 340: Macro Human Behavior and the Social Environment (SB)

3 C

SWU 302: Human Biology for Social Workers

3

SWU 320: Research Methods in Social Work

3 C

SWU 374: Diversity and Oppression in a Social Work Context (C)

3 C

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 15

• Use Handshake to research **employment opportunities**.

Term 7 93 - 108 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
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★ SWU 332: Social Policy and Advocacy

3 C

Upper Division Diversity and Oppressed Populations

3

Complete 2 courses:

Upper Division Social Problems and Interventions

6

Elective

3

Term hours subtotal: 15

• Apply for **full-time career opportunities**.

Term 8 108 - 120 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
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★ SWU 488: Advocacy Strategies

3 C

Upper Division Diversity and Oppressed Populations

3

Upper Division Social Problems and Interventions

3

Elective OR SWU 484: Internship

3

Term hours subtotal: 12

- For the Public Service Interdisciplinary Requirement:
  - Students can choose courses from any of the four Interdisciplinary areas/track groups.
  - To meet the requirement, students must take two courses from at least two different groups.
- Social Problems and Interventions: Courses focus on social problems that disproportionately affect members of oppressed populations and change strategies. Select five of the courses in this sequence. Four courses must be SWU courses; 12 credits must be upper division.
- Diversity and Oppressed Populations: Courses focus on oppressed or marginalized populations and systems of oppression/domination. Select five of the courses in this sequence; two courses must be SWU courses; nine credits must be upper division.
- For the Solution-Based Learning (SBL) College Requirement:
  - Students must complete one SBL course by degree completion.
  - Successful completion of SWU 291 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

Public Service Interdisciplinary Requirement - Area 1	Public Service Interdisciplinary Requirement - Area 2	Public Service Interdisciplinary Requirement - Area 3
CRJ 100: Introduction to Criminal Justice (SB)	PAF 112: Identity, Service and American Democracy (SB & C)	CRD 302: Inclusive Community Development (SB & C)
CRJ 201: Criminal Justice Crime Control Policies and Practices	PAF 200: Public Service and Policy in the 21st Century	CRD 471: Interprofessional Education and Community Health
CRJ 203: Courts and Sentencing	PAF 201: Economics and Public Policy (SB)	CRD 472: Interprofessional Education and Complex Health
CRJ 204: Juvenile Justice	PAF 240: Urban Policy (C)	CRD 473: Interprofessional Education and Comprehensive Systems Health
CRJ 230: Introduction to Policing	PAF 311: Leadership and Change (SB)	CSM 201: Introduction to Parks, Recreation and Sport Management
CRJ 240: Introduction to Corrections	PAF 410: Building Leadership Skills (SB)	NLM 160: Voluntary Action and Community Leadership (SB)
CRJ 260: Criminal Law I: Introduction to Substantive Criminal Law		NLM 220: Introduction to Nonprofit Organizations
CRJ 270: Community Justice (SB)		PRM 120: Leisure and the Quality of Life (SB)
CRJ 305: Gender, Crime, and Criminal Justice (C)		PRM 380: Wilderness and Parks in America (SB & H)
CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C)		RTH 364: Foundations of Recreation Therapy (SB)
CRJ 309: Criminology (SB)		TDM 205: Introduction to Travel and Tourism (G)
CRJ 350: Law and Social Control (SB)		TDM 458: International Tourism (G)
Public Service Interdisciplinary Requirement - Area 4	Social Problems and Interventions	Diversity and Oppressed Populations
CPP Elective	AIS 180: Introduction to American Indian Studies (C)	AFR 210: Introduction to African American Studies (C)

AIS 380: Contemporary Issues of American Indian Nations (C)	AFR 212: Introduction to Ethnic Studies in the U.S. (C)
ASB 300: Food and Culture ((L or SB) & C)	AFR 370: Family Ethnic and Cultural Diversity (SB & C)
ASB 462: Medical Anthropology: Culture and Health (SB & C)	AFR 375: Race, Gender and Sport (SB & C)
CHS 201: International Indigenous Health	AFR 494: The African American Rhetorical Tradition
COM 463: Intercultural Communication in a Global Context (SB & G)	AMS 380: Race, Gender, and Class (SB & C)
CRJ 204: Juvenile Justice	APA 200: Introduction to Asian Pacific American Studies ((HU or SB) & C)
CRJ 461: Intimate-Partner Violence	APA 210: Introduction to Ethnic Studies in the U.S. (C)
HSC 210: Cultural Aspects of Health (C)	APA 330: Asian Pacific American Genders and Sexualities ((L or SB) & C)
HST 339: Islam in the Modern World (HU & G)	APA 360: Asian Pacific American Experience
JUS 332: Politics of Energy Policy and Justice	ASB 346: Marriage and Family Diversity (SB & C)
JUS 420: Women, Work, and Justice ((L or SB) & C)	CRJ 305: Gender, Crime, and Criminal Justice (C)
SOC 241: Modern Social Problems (SB)	ETH 100: Ethnic and Indigenous Lives (SB & C)
SOC 264: Sociology of Gender (SB & C)	FAS 370: Family Ethnic and Cultural Diversity (SB & C)
SOC 270: Sociology of Race and Ethnicity (SB & C)	HRC 200: Introduction to Social and Cultural Analysis (SB & C)
SOC 424: Women and Health (SB)	HST 325: Immigration and Ethnicity in the United States (SB & H & C)
SPE 222: Orientation to Education of Exceptional Children (SB & C)	JUS 210: Introduction to Ethnic Studies in the U.S. (C)
SWU 250: Stress Management Tools I (SB)	JUS 235: Disability, Justice and Advocacy (C)
SWU 349: Stress Management Tools II (SB)	JUS 350: Immigration and Justice (SB & C)
SWU 351: Sustainable Living, Mindful Eating (SB)	MCO 460: Race, Gender, and Media (C)
SWU 394: Ending Homelessness	MUS 410: History of Women in Music (HU & C & H)
SWU 404: Social Work Practice in Health Care Settings	POS 435: Women and Politics (SB & C)
SWU 416: Domestic Violence and National AmeriCorps Service	REL 330: Native American Worldviews (HU & C)
SWU 417: Technology, Interpersonal Relationships and Abuse	SOC 270: Sociology of Race and Ethnicity (SB & C)
SWU 454: Overview of Addictions	SOC 378: Migration and Society (SB & C)
SWU 456: Immigrants and Refugees (C)	SOC 418: Aging and the Life Course (SB & H)
SWU 458: Behavioral Health Services	
SWU 460: Legal Issues in Social Work	
SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C)	
SWU 462: Global Social Welfare (G)	



SWU 494: Restorative Spaces and Therapeutic Communities	SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C)
TCL 323: Latina/o Health Issues (SB & C)	SWU 418: Global Violence Against Women
TCL 340: Chicana/o and Latina/o Politics and Policy (L & C)	SWU 457: Southwest Borderland Immigration Issues (C)
TWC 454: Information Technology and Culture (C)	SWU 498: Indigenous Social Policy & Advocacy (L)
	WST 270: Global Perspectives on Women
	WST 300: Women and Gender in Contemporary Society (SB & C)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.










## 2023 - 2024 Major Map

### Community Advocacy and Social Policy, BA




School/College: [Watts College of Public Service & Community Solut](#)

Location: [Online ASU Local](#)



PPCASPBA

Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 SWU 171: Introduction to Social Work (SB & H)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students</li> </ul>
ASU 101-CPP: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Term hours subtotal:	7		
Term 1 - B 7 - 13 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 PSY 101: Introduction to Psychology (SB) OR SOC 101: Introductory Sociology (SB)	3		<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> </ul>
MAT 142: College Mathematics (MA)	3	C	
Milestone: Meet with an academic advisor			
Term hours subtotal:	6		
Term 2 - A 13 - 19 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ECN 211: Macroeconomic Principles (SB) OR SWU 181: Economics: A Social Issues Perspective	3		
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Term hours subtotal:	6		
Term 2 - B 19 - 26 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 PHI 101: Introduction to Philosophy (HU) OR PHI 105: Intro to Ethics (HU) OR SWU 183: Introductory Ethics: A Social Issues Perspectives (HU)	3		<ul style="list-style-type: none"> <li>By the end of Term 4, students should have completed the following requirements:                             <ol style="list-style-type: none"> <li>ECN 211 or SWU 181</li> <li>PHI 101 or PHI 105 or SWU 183</li> <li>POS 110 or SWU 182</li> </ol> </li> <li>Join a <a href="#">student club</a> or professional organization.</li> </ul>
Natural Science - Quantitative (SQ)	4		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	7		
Term 3 - A 26 - 32 Credit Hours	Hours	Minimum Grade	



Humanities, Arts and Design (HU) AND Global Awareness (G)	3
Elective	3
Term hours subtotal:	6



Term 3 - B 32 - 39 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 POS 110: American Government and Politics (SB) OR SWU 182: Social Services Perspective of Government (SB)	3		• Develop your <i>skills</i> .
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	7		

Term 4 - A 39 - 45 Credit Hours	Hours	Minimum Grade	Notes
Diversity and Oppressed Populations	3		
Elective	3		
Term hours subtotal:	6		

Term 4 - B 45 - 51 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 SWU 291: Social Service Delivery Systems	3	C	<ul style="list-style-type: none"> <li>• Successful completion of SWU 291 will satisfy the college Solution-Based Learning (SBL) Requirement</li> <li>• For the Public Service Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.</li> </ul>
Public Service Interdisciplinary Requirement	3		
Term hours subtotal:	6		

Term 5 - A 51 - 57 Credit Hours	Hours	Minimum Grade	Notes
SWU 321: Statistics for Social Workers (CS)	3		
Diversity and Oppressed Populations	3		
Term hours subtotal:	6		

Term 5 - B 57 - 63 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 SWU 306: Ethics in Social Services (L)	3	C	
SWU 302: Human Biology for Social Workers	3		
Term hours subtotal:	6		

Term 6 - A 63 - 69 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 SWU 303: Micro Human Behavior and the Social Environment (L or SB)	3	C	
SWU 320: Research Methods in Social Work	3	C	
Term hours subtotal:	6		

Term 6 - B 69 - 75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 SWU 350: Whole Person Health Across the Lifespan (SB)	3	C	
Upper Division Diversity and Oppressed Populations	3		

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 6

Term 7 - A 75 - 81 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ SWU 340: Macro Human Behavior and the Social Environment (SB)	3	C	
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SWU 374: Diversity and Oppression in a Social Work Context (C)	3	C	
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Term hours subtotal: 6

Term 7 - B 81 - 87 Credit Hours	Hours	Minimum Grade	Notes
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Upper Division Social Problems and Interventions	3		
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Public Service Interdisciplinary Requirement	3		
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Term hours subtotal: 6

- For the Public Service Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.
- Develop your professional online presence.

Term 8 - A 87 - 93 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ SWU 332: Social Policy and Advocacy	3	C	
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Upper Division Social Problems and Interventions	3		
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Term hours subtotal: 6

Term 8 - B 93 - 99 Credit Hours	Hours	Minimum Grade	Notes
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Upper Division Social Problems and Interventions	3		
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Elective	3		
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Term hours subtotal: 6

- Use Handshake to research employment opportunities.

Term 9 - A 99 - 105 Credit Hours	Hours	Minimum Grade	Notes
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Upper Division Social Problems and Interventions	3		
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Elective	3		
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Term hours subtotal: 6

Term 9 - B 105 - 111 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ Social Problems and Interventions	3		
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Upper Division Diversity and Oppressed Populations	3		
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Term hours subtotal: 6

- Apply for full-time career opportunities.

Term 10 - A 111 - 117 Credit Hours	Hours	Minimum Grade	Notes
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Upper Division Diversity and Oppressed Populations	3		
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Elective	3		
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Term hours subtotal: 6

Term 10 - B 117 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ SWU 488: Advocacy Strategies	3	C	
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Term hours subtotal: 3

- For the Public Service Interdisciplinary Requirement:
  - Students can choose courses from any of the four Interdisciplinary areas/track groups.
  - To meet the requirement, students must take two courses from at least two different groups.
- Social Problems and Interventions: Courses focus on social problems that disproportionately affect members of oppressed populations and change strategies. Select five of the courses in this sequence. Four courses must be SWU courses; 12 credits must be upper division.
- Diversity and Oppressed Populations: Courses focus on oppressed or marginalized populations and systems of oppression/domination. Select five of the courses in this sequence; two courses must be SWU courses; nine credits must be upper division.
- For the Solution-Based Learning (SBL) College Requirement:
  - Students must complete one SBL course by degree completion.
  - Successful completion of SWU 291 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

Public Service Interdisciplinary Requirement - Area 1	Public Service Interdisciplinary Requirement - Area 2	Public Service Interdisciplinary Requirement - Area 3
CRJ 100: Introduction to Criminal Justice (SB)	PAF 200: Public Service and Policy in the 21st Century	CRD 302: Inclusive Community Development (SB & C)
CRJ 201: Criminal Justice Crime Control Policies and Practices	PAF 201: Economics and Public Policy (SB)	CSM 201: Introduction to Parks, Recreation and Sport Management
CRJ 203: Courts and Sentencing	PAF 311: Leadership and Change (SB)	PRM 120: Leisure and the Quality of Life (SB)
CRJ 204: Juvenile Justice	PAF 410: Building Leadership Skills (SB)	PRM 380: Wilderness and Parks in America (SB & H)
CRJ 230: Introduction to Policing		RTH 364: Foundations of Recreation Therapy (SB)
CRJ 240: Introduction to Corrections		TDM 205: Introduction to Travel and Tourism (G)
CRJ 260: Criminal Law I: Introduction to Substantive Criminal Law		TDM 458: International Tourism (G)
CRJ 270: Community Justice (SB)		
CRJ 305: Gender, Crime, and Criminal Justice (C)		
CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C)		
CRJ 309: Criminology (SB)		
CRJ 350: Law and Social Control (SB)		
Public Service Interdisciplinary Requirement - Area 4	Social Problems and Interventions Courses	Diversity and Oppressed Populations Courses
CPP Elective	AIS 180: Introduction to American Indian Studies (C)	AFR 375: Race, Gender and Sport (SB & C)
	ASB 300: Food and Culture ((L or SB) & C)	AMS 380: Race, Gender, and Class (SB & C)
	ASB 462: Medical Anthropology: Culture and Health (SB & C)	APA 330: Asian Pacific American Genders and Sexualities ((L or SB) & C)
	CHS 201: International Indigenous Health	CRJ 305: Gender, Crime, and Criminal Justice (C)

CRJ 204: Juvenile Justice	FAS 370: Family Ethnic and Cultural Diversity (SB & C)
CRJ 461: Intimate-Partner Violence	
HSC 210: Cultural Aspects of Health (C)	HST 325: Immigration and Ethnicity in the United States (SB & H & C)
HST 339: Islam in the Modern World (HU & G)	JUS 350: Immigration and Justice (SB & C)
SOC 241: Modern Social Problems (SB)	MCO 460: Race, Gender, and Media (C)
SOC 264: Sociology of Gender (SB & C)	MUS 410: History of Women in Music (HU & C & H)
SOC 270: Sociology of Race and Ethnicity (SB & C)	POS 435: Women and Politics (SB & C)
SOC 424: Women and Health (SB)	REL 330: Native American Worldviews (HU & C)
SPE 222: Orientation to Education of Exceptional Children (SB & C)	SOC 270: Sociology of Race and Ethnicity (SB & C)
SWU 250: Stress Management Tools I (SB)	SOC 378: Migration and Society (SB & C)
SWU 349: Stress Management Tools II (SB)	SOC 418: Aging and the Life Course (SB & H)
SWU 351: Sustainable Living, Mindful Eating (SB)	SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C)
SWU 404: Social Work Practice in Health Care Settings	SWU 457: Southwest Borderland Immigration Issues (C)
SWU 454: Overview of Addictions	SWU 498: Indigenous Social Policy & Advocacy (L)
SWU 456: Immigrants and Refugees (C)	
SWU 458: Behavioral Health Services	WST 300: Women and Gender in Contemporary Society (SB & C)
SWU 460: Legal Issues in Social Work	
SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C)	
SWU 462: Global Social Welfare (G)	
TCL 323: Latina/o Health Issues (SB & C)	
TWC 454: Information Technology and Culture (C)	

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map




### Criminology and Criminal Justice, BS



School/College: Watts College of Public Service & Community Solut

Location: Downtown Phoenix, West, ASU at Lake Havasu

PPCRIMJBS

Term 1 0 - 17 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CRJ 100: Introduction to Criminal Justice (SB)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students</li> <li>ASU 101 is for ASU first-year students only and is not required for transfer students</li> <li>Select your <b>career interest area</b> and play <a href="mailto:me3@ASU">me3@ASU</a></li> </ul>
ASU 101-CPP: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Milestone: Meet with an academic advisor			
Term hours subtotal:	17		

Term 2 17 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CRJ 201: Criminal Justice Crime Control Policies and Practices	3	C	<ul style="list-style-type: none"> <li>For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.</li> <li>Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> <li>Explore <b>study abroad options</b>.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 117: College Algebra (MA) OR MAT 142: College Mathematics (MA)	3	C	
Interdisciplinary Requirement	3		
Elective	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		

Term 3 32 - 48 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
<i>Complete 2 courses:</i>			<ul style="list-style-type: none"> <li>For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.</li> <li>Create a first draft <b>resume</b>.</li> <li>Explore <b>study abroad options</b>.</li> </ul>
 CRJ 203: Courts and Sentencing OR CRJ 230: Introduction to Policing OR CRJ 240: Introduction to Corrections	6	C	
Interdisciplinary Requirement	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Elective	3		



⚠ Complete Mathematics (MA) requirement.

Term hours subtotal: 16

Term 4 48 - 63 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
⚠ CRJ 203: Courts and Sentencing OR CRJ 230: Introduction to Policing OR CRJ 240: Introduction to Corrections	3	C	<ul style="list-style-type: none"> <li>• The Solution-Based Learning (SBL) is a college requirement for degree completion. Students should select a course from the list below for a total of three credits.</li> <li>• Upper-division course electives may fulfill the college Solution-Based Learning (SBL) requirement. Please see your advisor for more information.</li> <li>• Develop your <b>professional online presence</b>.</li> <li>• Explore <b>study abroad options</b>.</li> <li>• Explore an <b>internship</b>.</li> </ul>
Solution-Based Learning (SBL) Requirement	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Literacy and Critical Inquiry (L)	3		
Elective	3		
Term hours subtotal:	15		

Term 5 63 - 78 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ CRJ 302: Research Methods (L)	3	C	<ul style="list-style-type: none"> <li>• Explore <b>study abroad options</b>.</li> <li>• Explore an <b>internship</b>.</li> </ul>
Upper Division Related Area Course	3	C	
CRJ 2** Elective	3	C	
Complete 2 courses:	6		
Elective			
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ CRJ 303: Statistical Analysis (CS)	3	C	
CRJ 309: Criminology (SB)	3	C	
Upper Division Related Area Course	3	C	
Upper Division Elective	3		
Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ CRJ 304: Inequality, Crime and Criminal Justice	3	C	<ul style="list-style-type: none"> <li>• Research <b>employment opportunities</b></li> <li>• Complete an in person or virtual <b>practice interview</b></li> <li>• Explore an <b>internship</b></li> </ul>
CRJ 4** Elective	3	C	
Complete 2 courses:	6	C	
CRJ 3** Elective OR CRJ 4** Elective			
Upper Division Elective	3		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Complete 3 courses:	9	C	<ul style="list-style-type: none"> <li>• Gather <b>professional references</b></li> <li>• Apply for <b>full-time career opportunities</b></li> </ul>
CRJ 4** Elective			
Upper Division Related Area Course	3	C	
Term hours subtotal:	12		

- For the Interdisciplinary Requirement:
    - Students can choose courses from any of the four Interdisciplinary areas/track groups.
    - To meet the requirement, students must take two courses from at least two different groups.
- For the Solution-Based Learning (SBL) Requirement:
- Students must complete SBL coursework for a total of three credits by degree completion.

Hide Course List(s)/Track Group(s)

Interdisciplinary Requirement - Area 1	Interdisciplinary Requirement - Area 2	Interdisciplinary Requirement - Area 3
CRD 302: Inclusive Community Development (SB & C)	PAF 112: Identity, Service and American Democracy (SB & C)	SWU 171: Introduction to Social Work (SB & H)
CRD 471: Interprofessional Education and Community Health	PAF 200: Public Service and Policy in the 21st Century	SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C)
CRD 472: Interprofessional Education and Complex Health	PAF 201: Economics and Public Policy (SB)	SWU 181: Economics: A Social Issues Perspective
CRD 473: Interprofessional Education and Comprehensive Systems Health	PAF 240: Urban Policy (C)	SWU 182: Social Services Perspective of Government (SB)
CSM 201: Introduction to Parks, Recreation and Sport Management	PAF 311: Leadership and Change (SB)	SWU 183: Introductory Ethics: A Social Issues Perspectives (HU)
NLM 160: Voluntary Action and Community Leadership (SB)	PAF 410: Building Leadership Skills (SB)	SWU 250: Stress Management Tools I (SB)
NLM 220: Introduction to Nonprofit Organizations		SWU 349: Stress Management Tools II (SB)
PRM 120: Leisure and the Quality of Life (SB)		SWU 456: Immigrants and Refugees (C)
PRM 380: Wilderness and Parks in America (SB & H)		SWU 458: Behavioral Health Services
RTH 364: Foundations of Recreation Therapy (SB)		SWU 459: Spirituality and the Helping Professions
TDM 205: Introduction to Travel and Tourism (G)		SWU 460: Legal Issues in Social Work
TDM 458: International Tourism (G)		SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C)
Interdisciplinary Requirement - Area 4	Solution-Based Learning (SBL) Requirement	Related Area Courses
CPP Elective	CPP 350: Community Works	ASB 305: Poverty and Global Health ((L or SB) & G)
	CPP 353: Community Impact Lab	COM 312: Communication, Conflict, and Negotiation
	CRD 301: Sustainable Communities	COM 319: Persuasion and Social Influence (SB)
	CRD 435: Service Learning for Community Development	COM 414: Crisis Communication
	CRD 471: Interprofessional Education and Community Health	CPP 350: Community Works
CRD 472: Interprofessional Education and Complex Health		

CRD 473: Interprofessional Education and Comprehensive Systems Health	CRD 302: Inclusive Community Development (SB & C)
CRJ 317: Inside-Out Prison Exchange Program	ENG 301: Writing for the Professions (L)
CRJ 394: Comparative Organized Crime	ENG 311: Persuasive Writing (L)
CRJ 394: Taking it to the Streets: Service-Based Learning	FMS 380: Race and Gender in U.S. Media (HU & C)
CRJ 394: The British Roots of U.S. Criminal Justice	HST 325: Immigration and Ethnicity in the United States (SB & H & C)
CRJ 455: Police and International Terrorism	HST 328: Women in U.S. History, 1880-1980 ((HU or SB) & C & H)
CRJ 456: Etiology of Martyrdom	HST 338: American Indian History since 1900 ((HU or SB) & C & H)
CRJ 484: Internship	HST 454: History of Genocide (G & H)
CRJ 492: Honors Directed Study	IAS 300: Career Strategies and Personal Resilience (L or SB)
CRJ 493: Honors Thesis (L)	JUS 329: Domestic Violence (SB)
CRJ 496: Directed Research	JUS 350: Immigration and Justice (SB & C)
CRJ 499: Individualized Instruction	JUS 374: The Holocaust, Genocide, and Human Rights
NLM 160: Voluntary Action and Community Leadership (SB)	JUS 432: Racial Justice (L)
NLM 435: Service Learning for Community Development	JUS 477: Youth and Justice (L or SB)
PRM 145: Special Events Management	PAF 300: Public Management and Administration
PRM 203: Program Planning	PAF 311: Leadership and Change (SB)
PRM 315: Creating Community Through Park and Recreation Systems	PAF 340: Contemporary Policy Challenges
PRM 370: Public Lands Management	PAF 410: Building Leadership Skills (SB)
SWU 291: Social Service Delivery Systems	PAF 460: Public Service Ethics
SWU 394: Ending Homelessness	PAF 469: Terrorism Defense
TDM 345: Meeting and Convention Planning	PHI 306: Applied Ethics (HU)
	PHI 307: Philosophy of Law (HU)
	PHI 336: Social and Political Philosophy (HU)
	PHI 360: Business and Professional Ethics (HU)
	POS 310: American National Government (SB)
	POS 325: Public Policy Development (SB)
	POS 364: National Security, Intelligence, and Terrorism (SB)
	POS 370: Law and Society (SB)
	POS 442: American Political Thought (HU)

POS 471: Constitutional Law I (SB)

PSY 350: Social Psychology (SB)

PSY 366: Psychological Disorders (SB)

PUP 301: Introduction to Urban Planning (L)

REL 379: Religion, Nationalism, and Ethnic Conflict (HU & G) or SGS 343: Religion, Nationalism, and Ethnic Conflict (HU & G)

REL 381: Religion and Moral Issues (L or HU)

SOC 340: Social Deviance (SB)

SOC 352: Social Change (SB & G & H)

SOC 363: Men and Masculinity (SB)

SOC 426: Social Inequalities (SB)

STS 364: Science, Technology, and National Security (SB)

SWU 454: Overview of Addictions

SWU 456: Immigrants and Refugees (C)

SWU 457: Southwest Borderland Immigration Issues (C)

SWU 460: Legal Issues in Social Work

TCL 314: Transborder Latin American Migration to the U.S. ((L or SB) & H & C)

TCL 332: Mexican American History Since 1900 (SB & H & C)

#### Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

#### General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

## 2023 - 2024 Major Map

### Criminology and Criminal Justice, BS



School/College: [Watts College of Public Service & Community Solut](#)

Location: [Online ASU Local](#)

PPCRIMJBS




#### **FT** Fast Track Options: 3 Year

A student must speak with an advisor in order to be added to a fast track plan.

Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CRJ 100: Introduction to Criminal Justice (SB)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students</li> </ul>
ASU 101-CPP: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Term hours subtotal:	7		

Term 1 - B 7 - 14 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR	3	C	<ul style="list-style-type: none"> <li>View ASU Online first-year registration information <a href="#">here</a>.</li> <li>Select your <a href="#">career interest area</a> and play <a href="#">me3@ASU</a>.</li> </ul>
ENG 105: Advanced First-Year Composition OR			
ENG 107 or ENG 108: First-Year Composition			
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	7		

Term 2 - A 14 - 20 Credit Hours	Hours	Minimum Grade	Notes
MAT 117: College Algebra (MA) OR MAT 142: College Mathematics (MA)	3	C	<ul style="list-style-type: none"> <li>Secure a <a href="#">part-time job</a> or <a href="#">volunteer experience</a>.</li> <li>Explore <a href="#">study abroad options</a>.</li> </ul>
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	6		

Term 2 - B 20 - 27 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CRJ 201: Criminal Justice Crime Control Policies and Practices	3	C	
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	7		

Term 3 - A 27 - 33 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
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⚠ CRJ 203: Courts and Sentencing OR CRJ 230: Introduction to Policing OR CRJ 240: Introduction to Corrections	3	C	<ul style="list-style-type: none"> <li>• Create a first draft <b>resume</b>.</li> <li>• Explore <b>study abroad options</b>.</li> </ul>
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Term hours subtotal:	6		

Term 3 - B 33 - 39 Credit Hours Critical course signified by ⚠	Hours	Minimum Grade	Notes
⚠ CRJ 203: Courts and Sentencing OR CRJ 230: Introduction to Policing OR CRJ 240: Introduction to Corrections	3	C	
Elective	3		
⚠ Complete Mathematics (MA) requirement.			
Term hours subtotal:	6		

Term 4 - A 39 - 45 Credit Hours Critical course signified by ⚠	Hours	Minimum Grade	Notes
⚠ CRJ 203: Courts and Sentencing OR CRJ 230: Introduction to Policing OR CRJ 240: Introduction to Corrections	3	C	<ul style="list-style-type: none"> <li>• Explore <b>study abroad options</b>.</li> <li>• Explore an <b>internship</b>.</li> </ul>
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	6		

Term 4 - B 45 - 51 Credit Hours	Hours	Minimum Grade	Notes
Interdisciplinary Requirement	3		<ul style="list-style-type: none"> <li>• For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.</li> <li>• Develop your <b>professional online presence</b>.</li> </ul>
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	6		

Term 5 - A 51 - 57 Credit Hours Necessary course signified by ⭐	Hours	Minimum Grade	Notes
⭐ CRJ 302: Research Methods (L)	3	C	<ul style="list-style-type: none"> <li>• Explore <b>study abroad options</b>.</li> <li>• Explore an <b>internship</b>.</li> </ul>
CRJ 2** Elective	3	C	
Term hours subtotal:	6		

Term 5 - B 57 - 63 Credit Hours Necessary course signified by ⭐	Hours	Minimum Grade	Notes
⭐ CRJ 303: Statistical Analysis (CS)	3	C	<ul style="list-style-type: none"> <li>• For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.</li> </ul>
Interdisciplinary Requirement	3		
Term hours subtotal:	6		

Term 6 - A 63 - 69 Credit Hours Necessary course signified by ⭐	Hours	Minimum Grade	Notes
⭐ CRJ 304: Inequality, Crime and Criminal Justice	3	C	<ul style="list-style-type: none"> <li>• Explore <b>study abroad options</b>.</li> <li>• Explore an <b>internship</b>.</li> </ul>
Elective	3		
Term hours subtotal:	6		

Term 6 - B 69 - 75 Credit Hours Necessary course signified by ⭐	Hours	Minimum Grade	Notes
Upper Division Related Area Course	3	C	

Solution-Based Learning (SBL) Requirement 3

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).	
Term hours subtotal:	6

- The Solution-Based Learning (SBL) is a college requirement for degree completion. Students should select a course from the list below for a total of three credits.
- Upper-division course electives may fulfill the college Solution-Based Learning (SBL) requirement. Please see your advisor for more information.

Term 7 - A 75 - 81 Credit Hours	Hours	Minimum Grade	Notes
CRJ 309: Criminology (SB)	3	C	<ul style="list-style-type: none"> <li>• Explore <a href="#">study abroad options</a>.</li> <li>• Explore an <a href="#">internship</a>.</li> </ul>
Upper Division Related Area Course	3	C	
Term hours subtotal:	6		

Term 7 - B 81 - 87 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CRJ 3** Elective OR CRJ 4** Elective	3	C	
Upper Division Related Area Course	3	C	
Term hours subtotal:	6		

Term 8 - A 87 - 93 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CRJ 3** Elective OR CRJ 4** Elective	3	C	<ul style="list-style-type: none"> <li>• Explore <a href="#">study abroad options</a>.</li> <li>• Explore an <a href="#">internship</a>.</li> </ul>
Elective	3		
Term hours subtotal:	6		

Term 8 - B 93 - 99 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CRJ 4** Elective	3	C	<ul style="list-style-type: none"> <li>• Use Handshake to research <a href="#">employment opportunities</a>.</li> </ul>
Elective	3		
Term hours subtotal:	6		

Term 9 - A 99 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CRJ 4** Elective	3	C	<ul style="list-style-type: none"> <li>• Complete an in person or virtual <a href="#">practice interview</a></li> <li>• Explore an <a href="#">internship</a></li> </ul>
Elective	3		
Term hours subtotal:	6		

Term 9 - B 105 - 111 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CRJ 4** Elective	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		

Term 10 - A 111 - 117 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CRJ 4** Elective	3	C	<ul style="list-style-type: none"> <li>• Gather <a href="#">professional references</a></li> </ul>
Elective	3		
Term hours subtotal:	6		

Term 10 - B 117 - 120 Credit Hours	Hours	Minimum Grade	Notes



Upper Division Elective

3

Term hours subtotal:

3

- Apply for full-time career opportunities

- For the Interdisciplinary Requirement:

- Students can choose courses from any of the four Interdisciplinary areas/track groups.
- To meet the requirement, students must take two courses from at least two different groups.

For the Solution-Based Learning (SBL) College Requirement:

- Students must complete SBL coursework for a total of 3 credits by degree completion.

Hide Course List(s)/Track Group(s)

Interdisciplinary Requirement - Area 1	Interdisciplinary Requirement - Area 2	Interdisciplinary Requirement - Area 3
CRD 302: Inclusive Community Development (SB & C)	PAF 200: Public Service and Policy in the 21st Century	SWU 171: Introduction to Social Work (SB & H)
CSM 201: Introduction to Parks, Recreation and Sport Management	PAF 201: Economics and Public Policy (SB) PAF 311: Leadership and Change (SB)	SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C)
PRM 120: Leisure and the Quality of Life (SB)	PAF 410: Building Leadership Skills (SB)	SWU 181: Economics: A Social Issues Perspective
PRM 380: Wilderness and Parks in America (SB & H)		SWU 182: Social Services Perspective of Government (SB)
RTH 364: Foundations of Recreation Therapy (SB)		SWU 183: Introductory Ethics: A Social Issues Perspectives (HU)
TDM 205: Introduction to Travel and Tourism (G)		SWU 250: Stress Management Tools I (SB)
TDM 458: International Tourism (G)		SWU 349: Stress Management Tools II (SB)
		SWU 456: Immigrants and Refugees (C)
		SWU 458: Behavioral Health Services
		SWU 460: Legal Issues in Social Work
		SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C)
Interdisciplinary Requirement - Area 4	Solution-Based Learning (SBL) Requirement	Related Area Courses
CPP Elective	CPP 350: Community Works CPP 353: Community Impact Lab	ASB 305: Poverty and Global Health ((L or SB) & G)
	CRD 435: Service Learning for Community Development	COM 312: Communication, Conflict, and Negotiation
	CRJ 394: Comparative Organized Crime	COM 319: Persuasion and Social Influence (SB)
	CRJ 394: Taking it to the Streets: Service-Based Learning	COM 414: Crisis Communication
	CRJ 394: The British Roots of U.S. Criminal Justice	CPP 350: Community Works
	CRJ 455: Police and International Terrorism	CRD 302: Inclusive Community Development (SB & C)
	CRJ 456: Etiology of Martyrdom	ENG 301: Writing for the Professions (L)

CRJ 484: Internship	ENG 311: Persuasive Writing (L)
CRJ 499: Individualized Instruction	FMS 380: Race and Gender in U.S. Media (HU & C)
NLM 435: Service Learning for Community Development	HST 325: Immigration and Ethnicity in the United States (SB & H & C)
PRM 145: Special Events Management	HST 328: Women in U.S. History, 1880-1980 ((HU or SB) & C & H)
PRM 203: Program Planning	HST 338: American Indian History since 1900 ((HU or SB) & C & H)
SWU 291: Social Service Delivery Systems	HST 454: History of Genocide (G & H)
SWU 394: Ending Homelessness	IAS 300: Career Strategies and Personal Resilience (L or SB)
TDM 345: Meeting and Convention Planning	JUS 329: Domestic Violence (SB)
	JUS 350: Immigration and Justice (SB & C)
	JUS 374: The Holocaust, Genocide, and Human Rights
	JUS 432: Racial Justice (L)
	JUS 477: Youth and Justice (L or SB)
	PAF 300: Public Management and Administration
	PAF 311: Leadership and Change (SB)
	PAF 340: Contemporary Policy Challenges
	PAF 410: Building Leadership Skills (SB)
	PAF 460: Public Service Ethics
	PAF 469: Terrorism Defense
	PHI 306: Applied Ethics (HU)
	PHI 307: Philosophy of Law (HU)
	PHI 336: Social and Political Philosophy (HU)
	PHI 360: Business and Professional Ethics (HU)
	POS 310: American National Government (SB)
	POS 325: Public Policy Development (SB)
	POS 364: National Security, Intelligence, and Terrorism (SB)
	POS 370: Law and Society (SB)
	POS 442: American Political Thought (HU)
	POS 471: Constitutional Law I (SB)
	PSY 350: Social Psychology (SB)
	PSY 366: Psychological Disorders (SB)

PUP 301: Introduction to Urban Planning (L)

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REL 379: Religion, Nationalism, and Ethnic Conflict (HU & G) or SGS 343: Religion, Nationalism, and Ethnic Conflict (HU & G)

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REL 381: Religion and Moral Issues (L or HU)

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SOC 340: Social Deviance (SB)

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SOC 352: Social Change (SB & G & H)

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SOC 363: Men and Masculinity (SB)

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SOC 426: Social Inequalities (SB)

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STS 364: Science, Technology, and National Security (SB)

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SWU 454: Overview of Addictions

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SWU 456: Immigrants and Refugees (C)

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SWU 457: Southwest Borderland Immigration Issues (C)

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SWU 460: Legal Issues in Social Work

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TCL 314: Transborder Latin American Migration to the U.S. ((L or SB) & H & C)

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TCL 332: Mexican American History Since 1900 (SB & H & C)

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#### Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

#### General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

## First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map




### Criminology and Criminal Justice (Policing), BS



School/College: Watts College of Public Service & Community Solut

Location: Downtown Phoenix, West

PPCRJPOLBS

Term 1 0 - 17 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CRJ 100: Introduction to Criminal Justice (SB)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students</li> <li>ASU 101 is for ASU first-year students only and is not required for transfer students</li> <li>Select your <b>career interest area</b> and play <a href="mailto:me3@ASU">me3@ASU</a></li> </ul>
ASU 101-CPP: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Milestone: Meet with an academic advisor			
Term hours subtotal:	17		

Term 2 17 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CRJ 201: Criminal Justice Crime Control Policies and Practices	3	C	<ul style="list-style-type: none"> <li>For the Interdisciplinary Requirement: Students can choose courses from any of the four interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.</li> <li>Secure a <b>part-time job</b> or <b>volunteer experience</b></li> <li>Explore <b>study abroad options</b></li> </ul>
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
MAT 117: College Algebra (MA) OR MAT 142: College Mathematics (MA)	3	C	
Interdisciplinary Requirement	3		
Elective	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		

Term 3 32 - 48 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CRJ 203: Courts and Sentencing OR CRJ 240: Introduction to Corrections	3	C	<ul style="list-style-type: none"> <li>For the Interdisciplinary Requirement: Students can choose courses from any of the four interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.</li> <li>Create a first draft <b>resume</b></li> </ul>
CRJ 230: Introduction to Policing	3	C	
Interdisciplinary Requirement	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Elective	3		

⚠ Complete Mathematics (MA) requirement.

Term hours subtotal: 16

Term 4 48 - 63 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
⚠ CRJ 203: Courts and Sentencing OR CRJ 240: Introduction to Corrections	3	C	<ul style="list-style-type: none"> <li>The Solution-Based Learning (SBL) is a college requirement for degree completion. Students should select a course from the list below for a total of three credit hours.</li> <li>Upper-division course electives may fulfill the college Solution-Based Learning (SBL) requirement. Please see your advisor for more information.</li> <li>Develop your <b>professional online presence</b>.</li> <li>Explore <b>study abroad options</b>.</li> <li>Explore an <b>internship</b>.</li> </ul>
Solution-Based Learning (SBL) Requirement	3		
CRJ 2** Elective	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	15		

Term 5 63 - 78 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ CRJ 302: Research Methods (L)	3	C	
CRJ 309: Criminology (SB)	3	C	
Upper Division Related Area Course	3	C	
Complete 2 courses:	6		
Elective			
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ CRJ 303: Statistical Analysis (CS)	3	C	<ul style="list-style-type: none"> <li>Explore <b>study abroad options</b></li> <li>Explore an <b>internship</b></li> </ul>
CRJ 315: Police Organization and Management	3	C	
Upper Division Related Area Course	3	C	
Complete 2 courses:	6		
Elective			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ CRJ 304: Inequality, Crime and Criminal Justice	3	C	<ul style="list-style-type: none"> <li>Research <b>employment opportunities</b></li> <li>Complete an in person or virtual <b>practice interview</b></li> <li>Explore an <b>internship</b></li> <li>Policing Concentration Elective: Choose one course from the list below. Students enrolling in CRJ 484 should have an internship with local, state, or federal police or law enforcement agency. Students may substitute other CRJ 494 topics if course focuses on a policing topic.</li> </ul>
CRJ 409: Police Accountability	3	C	
Upper Division Policing Concentration Elective	3	C	
CRJ 4** Elective	3	C	
CRJ Upper Division Elective	3	C	
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ CRJ 4** Elective	3	C	<ul style="list-style-type: none"> <li>Gather <b>professional references</b></li> </ul>

CRJ 410: Criminal Procedure I: The Law of Investigations	3	C
CRJ 450: Crime Analysis	3	C
Upper Division Related Area Course	3	C
Term hours subtotal:	12	

- Apply for full-time career opportunities

• For the Interdisciplinary Requirement:

- Students can choose courses from any of the four interdisciplinary areas/track groups.
- To meet the requirement, students must take two courses from at least two different groups.

For the Solution-Based Learning (SBL) Requirement:

- Students must complete SBL coursework for a total of three credit hours by degree completion.

Hide Course List(s)/Track Group(s)

Interdisciplinary Requirement - Area 1	Interdisciplinary Requirement - Area 2	Interdisciplinary Requirement - Area 3
CRD 302: Inclusive Community Development (SB & C)	PAF 112: Identity, Service and American Democracy (SB & C)	SWU 171: Introduction to Social Work (SB & H)
CRD 471: Interprofessional Education and Community Health	PAF 200: Public Service and Policy in the 21st Century	SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C)
CRD 472: Interprofessional Education and Complex Health	PAF 201: Economics and Public Policy (SB)	SWU 181: Economics: A Social Issues Perspective
CRD 473: Interprofessional Education and Comprehensive Systems Health	PAF 240: Urban Policy (C)	SWU 182: Social Services Perspective of Government (SB)
CSM 201: Introduction to Parks, Recreation and Sport Management	PAF 311: Leadership and Change (SB)	SWU 183: Introductory Ethics: A Social Issues Perspectives (HU)
NLM 160: Voluntary Action and Community Leadership (SB)	PAF 410: Building Leadership Skills (SB)	SWU 250: Stress Management Tools I (SB)
NLM 220: Introduction to Nonprofit Organizations		SWU 349: Stress Management Tools II (SB)
PRM 120: Leisure and the Quality of Life (SB)		SWU 456: Immigrants and Refugees (C)
PRM 380: Wilderness and Parks in America (SB & H)		SWU 458: Behavioral Health Services
RTH 364: Foundations of Recreation Therapy (SB)		SWU 459: Spirituality and the Helping Professions
TDM 205: Introduction to Travel and Tourism (G)		SWU 460: Legal Issues in Social Work
TDM 458: International Tourism (G)		SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C)
Interdisciplinary Requirement - Area 4	Upper Division Policing Concentration Elective	Solution-Based Learning (SBL) Requirement
CPP Elective	CRJ 321: Evidence: Imperatives of Proof	CPP 350: Community Works
	CRJ 403: Victims and the Criminal Justice System	CPP 353: Community Impact Lab
	CRJ 455: Police and International Terrorism	CRD 301: Sustainable Communities
		CRD 435: Service Learning for Community Development

CRJ 484: Internship	CRD 471: Interprofessional Education and Community Health
CRJ 494: Community Policing	CRD 472: Interprofessional Education and Complex Health
CRJ 494: Problem-Oriented Policing	CRD 473: Interprofessional Education and Comprehensive Systems Health
CRJ 494: Visual Media, Neighborhoods, & Policing	CRJ 317: Inside-Out Prison Exchange Program
	CRJ 394: Comparative Organized Crime
	CRJ 394: Taking it to the Streets: Service-Based Learning
	CRJ 394: The British Roots of U.S. Criminal Justice
	CRJ 455: Police and International Terrorism
	CRJ 456: Etiology of Martyrdom
	CRJ 484: Internship
	CRJ 492: Honors Directed Study
	CRJ 493: Honors Thesis (L)
	CRJ 496: Directed Research
	CRJ 499: Individualized Instruction
	NLM 160: Voluntary Action and Community Leadership (SB)
	NLM 435: Service Learning for Community Development
	PRM 145: Special Events Management
	PRM 203: Program Planning
	PRM 315: Creating Community Through Park and Recreation Systems
	PRM 370: Public Lands Management
	SWU 291: Social Service Delivery Systems
	SWU 394: Ending Homelessness
	TDM 345: Meeting and Convention Planning

**Related Area Courses**

ASB 305: Poverty and Global Health ((L or SB) & G)

COM 312: Communication, Conflict, and Negotiation

COM 319: Persuasion and Social Influence (SB)

COM 414: Crisis Communication



CPP 350: Community Works

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CRD 302: Inclusive Community Development  
(SB & C)

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ENG 301: Writing for the Professions (L)

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ENG 311: Persuasive Writing (L)

---

FMS 380: Race and Gender in U.S. Media  
(HU & C)

---

HST 325: Immigration and Ethnicity in the  
United States (SB & H & C)

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HST 328: Women in U.S. History, 1880-1980  
((HU or SB) & C & H)

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HST 338: American Indian History since 1900  
((HU or SB) & C & H)

---

HST 454: History of Genocide (G & H)

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IAS 300: Career Strategies and Personal  
Resilience (L or SB)

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JUS 329: Domestic Violence (SB)

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JUS 350: Immigration and Justice (SB & C)

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JUS 374: The Holocaust, Genocide, and  
Human Rights

---

JUS 432: Racial Justice (L)

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JUS 477: Youth and Justice (L or SB)

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PAF 300: Public Management and  
Administration

---

PAF 311: Leadership and Change (SB)

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PAF 340: Contemporary Policy Challenges

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PAF 410: Building Leadership Skills (SB)

---

PAF 460: Public Service Ethics

---

PAF 469: Terrorism Defense

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PHI 306: Applied Ethics (HU)

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PHI 307: Philosophy of Law (HU)

---

PHI 336: Social and Political Philosophy (HU)

---

PHI 360: Business and Professional Ethics  
(HU)

---

POS 310: American National Government  
(SB)

---

POS 325: Public Policy Development (SB)

---

POS 364: National Security, Intelligence, and  
Terrorism (SB)

---

POS 370: Law and Society (SB)

---

POS 442: American Political Thought (HU)

POS 471: Constitutional Law I (SB)

PSY 350: Social Psychology (SB)

PSY 366: Psychological Disorders (SB)

PUP 301: Introduction to Urban Planning (L)

REL 379: Religion, Nationalism, and Ethnic Conflict (HU & G)

REL 381: Religion and Moral Issues (L or HU)

SGS 343: Religion, Nationalism, and Ethnic Conflict (HU & G)

SOC 340: Social Deviance (SB)

SOC 352: Social Change (SB & G & H)

SOC 363: Men and Masculinity (SB)

SOC 426: Social Inequalities (SB)

STS 364: Science, Technology, and National Security (SB)

SWU 454: Overview of Addictions

SWU 456: Immigrants and Refugees (C)

SWU 457: Southwest Borderland Immigration Issues (C)

SWU 460: Legal Issues in Social Work

TCL 314: Transborder Latin American Migration to the U.S. ((L or SB) & H & C)

TCL 332: Mexican American History Since 1900 (SB & H & C)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)

- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.








## 2023 - 2024 Major Map

### Criminology and Criminal Justice (Policing), BS



School/College: [Watts College of Public Service & Community Solut](#)



Location: [Online ASU Local](#)

PPCRJPOLBS



Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CRJ 100: Introduction to Criminal Justice (SB)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students</li> </ul>
ASU 101-CPP: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Term hours subtotal:	7		
Term 1 - B 7 - 14 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR	3	C	<ul style="list-style-type: none"> <li>View ASU Online first-year registration information <a href="#">here</a>.</li> <li>Select your <b>career interest area</b> and play <a href="mailto:me3@ASU">me3@ASU</a></li> </ul>
ENG 105: Advanced First-Year Composition OR			
ENG 107 or ENG 108: First-Year Composition			
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	7		
Term 2 - A 14 - 20 Credit Hours	Hours	Minimum Grade	Notes
MAT 117: College Algebra (MA) OR MAT 142: College Mathematics (MA)	3	C	<ul style="list-style-type: none"> <li>Secure a <b>part-time job</b> or <b>volunteer experience</b></li> <li>Explore <b>study abroad options</b></li> </ul>
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Term hours subtotal:	6		
Term 2 - B 20 - 27 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CRJ 201: Criminal Justice Crime Control Policies and Practices	3	C	
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	7		
Term 3 - A 27 - 33 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CRJ 203: Courts and Sentencing OR CRJ 240: Introduction to Corrections	3	C	<ul style="list-style-type: none"> <li>Create a first draft <b>resume</b></li> <li>Explore <b>study abroad options</b></li> </ul>
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		



Term hours subtotal: 6



Term 3 - B 33 - 39 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
CRJ 230: Introduction to Policing	3	C	
Elective	3		
 Complete Mathematics (MA) requirement.			
Term hours subtotal:		6	



Term 4 - A 39 - 45 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CRJ 203: Courts and Sentencing OR CRJ 240: Introduction to Corrections	3	C	<ul style="list-style-type: none"> <li>• Explore <b>study abroad options</b></li> <li>• Explore an <b>internship</b></li> </ul>
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:		6	

Term 4 - B 45 - 51 Credit Hours	Hours	Minimum Grade	Notes
Interdisciplinary Requirement	3		<ul style="list-style-type: none"> <li>• For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.</li> <li>• Develop your <b>professional online presence</b>.</li> </ul>
Literacy and Critical Inquiry (L)	3		
Term hours subtotal:		6	

Term 5 - A 51 - 57 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 CRJ 302: Research Methods (L)	3	C	<ul style="list-style-type: none"> <li>• Explore <b>study abroad options</b></li> <li>• Explore an <b>internship</b></li> </ul>
CRJ 2** Elective	3	C	
Term hours subtotal:		6	

Term 5 - B 57 - 63 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 CRJ 303: Statistical Analysis (CS)	3	C	<ul style="list-style-type: none"> <li>• For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.</li> </ul>
Interdisciplinary Requirement	3		
Term hours subtotal:		6	

Term 6 - A 63 - 69 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 CRJ 304: Inequality, Crime and Criminal Justice	3	C	<ul style="list-style-type: none"> <li>• Explore <b>study abroad options</b></li> <li>• Explore an <b>internship</b></li> </ul>
Elective	3		
Term hours subtotal:		6	

Term 6 - B 69 - 75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
Upper Division Related Area Course	3	C	<ul style="list-style-type: none"> <li>• The Solution-Based Learning (SBL) is a college requirement for degree completion. Students should select a course from the list below for a total of three credit hours.</li> <li>• Upper-division course electives may fulfill the college Solution-Based Learning (SBL)</li> </ul>
Solution-Based Learning (SBL) Requirement	3		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:		6	

requirement. Please see your advisor for more information.

Term 7 - A 75 - 81 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ CRJ 309: Criminology (SB)	3	C	
Upper Division Related Area Course	3	C	
Term hours subtotal:	6		

Term 7 - B 81 - 87 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Related Area Course	3	C	
CRJ Upper Division Elective	3	C	
Term hours subtotal:	6		

Term 8 - A 87 - 93 Credit Hours	Hours	Minimum Grade	Notes
CRJ 315: Police Organization and Management	3	C	
Elective	3		<ul style="list-style-type: none"> <li>• Explore <a href="#">study abroad options</a></li> <li>• Explore an <a href="#">internship</a></li> </ul>
Term hours subtotal:	6		

Term 8 - B 93 - 99 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ CRJ 4** Elective	3	C	
Elective	3		<ul style="list-style-type: none"> <li>• Use Handshake to research <a href="#">employment opportunities</a></li> </ul>
Term hours subtotal:	6		

Term 9 - A 99 - 105 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ CRJ 4** Elective	3	C	
Elective	3		<ul style="list-style-type: none"> <li>• Complete an in person or virtual <a href="#">practice interview</a></li> <li>• Explore an <a href="#">internship</a></li> </ul>
Term hours subtotal:	6		

Term 9 - B 105 - 111 Credit Hours	Hours	Minimum Grade	Notes
CRJ 409: Police Accountability	3	C	
CRJ 410: Criminal Procedure I: The Law of Investigations	3	C	
Term hours subtotal:	6		

Term 10 - A 111 - 117 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ CRJ 450: Crime Analysis	3	C	
Elective	3		<ul style="list-style-type: none"> <li>• Gather <a href="#">professional references</a></li> </ul>
Term hours subtotal:	6		

Term 10 - B 117 - 120 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Policing Concentration Elective	3	C	
Term hours subtotal:	3		<ul style="list-style-type: none"> <li>• Apply for <a href="#">full-time career opportunities</a></li> <li>• Policing Concentration Elective: choose one course from the list below.</li> <li>• Students enrolling in CRJ 484 should have an internship with local, state, or federal police or law enforcement agency. Students may</li> </ul>

substitute other CRJ 494 topics if course focuses on a policing topic.

- For the Interdisciplinary Requirement:
  - Students can choose courses from any of the four Interdisciplinary areas/track groups.
  - To meet the requirement, students must take two courses from at least two different groups.

For the Solution-Based Learning (SBL) College Requirement:

- Students must complete SBL coursework for a total of three credit hours by degree completion.

Hide Course List(s)/Track Group(s)

Interdisciplinary Requirement - Area 1	Interdisciplinary Requirement - Area 2	Interdisciplinary Requirement - Area 3
CRD 302: Inclusive Community Development (SB & C)	PAF 200: Public Service and Policy in the 21st Century	SWU 171: Introduction to Social Work (SB & H)
CSM 201: Introduction to Parks, Recreation and Sport Management	PAF 201: Economics and Public Policy (SB)	SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C)
PRM 120: Leisure and the Quality of Life (SB)	PAF 311: Leadership and Change (SB)	SWU 181: Economics: A Social Issues Perspective
PRM 380: Wilderness and Parks in America (SB & H)	PAF 410: Building Leadership Skills (SB)	SWU 182: Social Services Perspective of Government (SB)
RTH 364: Foundations of Recreation Therapy (SB)		SWU 183: Introductory Ethics: A Social Issues Perspectives (HU)
TDM 205: Introduction to Travel and Tourism (G)		SWU 250: Stress Management Tools I (SB)
TDM 458: International Tourism (G)		SWU 349: Stress Management Tools II (SB)
		SWU 456: Immigrants and Refugees (C)
		SWU 458: Behavioral Health Services
		SWU 460: Legal Issues in Social Work
		SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C)
Interdisciplinary Requirement - Area 4	Upper Division Policing Concentration Elective	Solution-Based Learning (SBL) Requirement
CPP Elective	CRJ 321: Evidence: Imperatives of Proof	CPP 350: Community Works
	CRJ 403: Victims and the Criminal Justice System	CPP 353: Community Impact Lab
	CRJ 455: Police and International Terrorism	CRD 435: Service Learning for Community Development
	CRJ 484: Internship	CRJ 394: Comparative Organized Crime
	CRJ 494: Community Policing	CRJ 394: Taking it to the Streets: Service-Based Learning
	CRJ 494: Problem-Oriented Policing	CRJ 394: The British Roots of U.S. Criminal Justice
	CRJ 494: Visual Media, Neighborhoods, & Policing	CRJ 455: Police and International Terrorism
		CRJ 456: Etiology of Martyrdom

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CRJ 484: Internship

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CRJ 499: Individualized Instruction

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NLM 435: Service Learning for Community  
Development

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PRM 145: Special Events Management

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PRM 203: Program Planning

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SWU 291: Social Service Delivery Systems

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SWU 394: Ending Homelessness

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TDM 345: Meeting and Convention Planning

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Related Area Courses

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ASB 305: Poverty and Global Health ((L or  
SB) & G)

---

COM 312: Communication, Conflict, and  
Negotiation

---

COM 319: Persuasion and Social Influence  
(SB)

---

COM 414: Crisis Communication

---

CPP 350: Community Works

---

CRD 302: Inclusive Community Development  
(SB & C)

---

ENG 301: Writing for the Professions (L)

---

ENG 311: Persuasive Writing (L)

---

FMS 380: Race and Gender in U.S. Media  
(HU & C)

---

HST 325: Immigration and Ethnicity in the  
United States (SB & H & C)

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HST 328: Women in U.S. History, 1880-1980  
((HU or SB) & C & H)

---

HST 338: American Indian History since 1900  
((HU or SB) & C & H)

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HST 454: History of Genocide (G & H)

---

IAS 300: Career Strategies and Personal  
Resilience (L or SB)

---

JUS 329: Domestic Violence (SB)

---

JUS 350: Immigration and Justice (SB & C)

---

JUS 374: The Holocaust, Genocide, and  
Human Rights

---

JUS 432: Racial Justice (L)

---

JUS 477: Youth and Justice (L or SB)

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PAF 300: Public Management and Administration

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PAF 311: Leadership and Change (SB)

---

PAF 340: Contemporary Policy Challenges

---

PAF 410: Building Leadership Skills (SB)

---

PAF 460: Public Service Ethics

---

PAF 469: Terrorism Defense

---

PHI 306: Applied Ethics (HU)

---

PHI 307: Philosophy of Law (HU)

---

PHI 336: Social and Political Philosophy (HU)

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PHI 360: Business and Professional Ethics (HU)

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POS 310: American National Government (SB)

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POS 325: Public Policy Development (SB)

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POS 364: National Security, Intelligence, and Terrorism (SB)

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POS 370: Law and Society (SB)

---

POS 442: American Political Thought (HU)

---

POS 471: Constitutional Law I (SB)

---

PSY 350: Social Psychology (SB)

---

PSY 366: Psychological Disorders (SB)

---

PUP 301: Introduction to Urban Planning (L)

---

REL 379: Religion, Nationalism, and Ethnic Conflict (HU & G)

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REL 381: Religion and Moral Issues (L or HU)

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SGS 343: Religion, Nationalism, and Ethnic Conflict (HU & G)

---

SOC 340: Social Deviance (SB)

---

SOC 352: Social Change (SB & G & H)

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SOC 363: Men and Masculinity (SB)

---

SOC 426: Social Inequalities (SB)

---

STS 364: Science, Technology, and National Security (SB)

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SWU 454: Overview of Addictions

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SWU 456: Immigrants and Refugees (C)

---

SWU 457: Southwest Borderland Immigration Issues (C)

---

SWU 460: Legal Issues in Social Work

---

TCL 314: Transborder Latin American  
Migration to the U.S. ((L or SB) & H & C)

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TCL 332: Mexican American History Since  
1900 (SB & H & C)

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**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.





## 2023 - 2024 Major Map




### Emergency Management and Homeland Security, BS



School/College: [Watts College of Public Service & Community Solut](#)

Location: [Downtown Phoenix](#)

PPEMHSBS

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.</li> </ul>
 MAT 142: College Mathematics (MA)	3	C	
 PAF 112: Identity, Service and American Democracy (SB & C)	3	C	
ASU 101-CPP: The ASU Experience	1		
SOC 101: Introductory Sociology (SB)	3	C	
Interdisciplinary Requirement	3		
Milestone: Meet with an academic advisor			
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
 PAF 160: Fundamentals of Disaster Governance, Politics and Policy	3	C	
POS 110: American Government and Politics (SB)	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Natural Science - Quantitative (SQ)	4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 32 - 48 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 PAF 261: Hazards and Risk Management	3	C	<ul style="list-style-type: none"> <li>For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.</li> <li>Develop your <b>skills</b>.</li> </ul>
Interdisciplinary Requirement	3		
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	3		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		

Term 4 48 - 63 Credit Hours Critical course signified by ⚠	Hours	Minimum Grade	Notes
⚠ PAF 201: Economics and Public Policy (SB)	3	C	• Explore an <b>internship</b> .
COM 225: Public Speaking (L)	3	C	
<i>Complete 2 courses:</i>			
Emergency Management and Homeland Security Elective	6		
Elective	3		
Term hours subtotal:	15		

Term 5 63 - 78 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PAF 311: Leadership and Change (SB)	3	C	• Develop your <b>professional online presence</b> .
PAF 301: Applied Statistics (CS)	3	C	
PAF 360: Emergency Management I	3	C	
Upper Division Emergency Management and Homeland Security Elective	3		
Elective	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PAF 302: Public Service Research Methods	3	C	• Complete an in person or virtual <b>practice interview</b> .
CRJ 412: International Terrorism	3	C	
PAF 362: Biosecurity and Biodefense	3	C	
PAF 424: Emergency Management II	3	C	
PAF 461: Homeland Security	3	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PAF 460: Public Service Ethics	3	C	• Choose Emergency Management and Homeland Security Electives from the list at the bottom of the major map.
PAF 426: Intelligence Analysis and Homeland Security	3	C	
<i>Complete 2 courses:</i>			
Upper Division Emergency Management and Homeland Security Elective	6		
Upper Division Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PAF 400: Senior Capstone Project	3	C	• Successful completion of PAF 400 will satisfy the college Solution-Based Learning (SBL) requirement. • Choose an Emergency Management and Homeland Security Elective from the list at the bottom of the major map.
Upper Division Emergency Management and Homeland Security Elective	3		
<i>Complete 2 courses:</i>			
Elective	6		
Term hours subtotal:	12		

- For the Interdisciplinary Requirement:  
Students can choose courses from any of the four Interdisciplinary Areas/track groups.  
To meet the requirement, students must take two courses from at least two different groups.
- For the Solution Based Learning (SBL) College Requirement:  
PAF 400 satisfies the SBL requirement.  
Students must complete one SBL course by degree completion.

Hide Course List(s)/Track Group(s)

Interdisciplinary Requirement - Area 1	Interdisciplinary Requirement - Area 2	Interdisciplinary Requirement - Area 3
CRJ 100: Introduction to Criminal Justice (SB)	CRD 302: Inclusive Community Development (SB & C)	SWU 171: Introduction to Social Work (SB & H)
CRJ 201: Criminal Justice Crime Control Policies and Practices	CRD 471: Interprofessional Education and Community Health	SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C)
CRJ 203: Courts and Sentencing	CRD 472: Interprofessional Education and Complex Health	SWU 181: Economics: A Social Issues Perspective
CRJ 204: Juvenile Justice	CRD 473: Interprofessional Education and Comprehensive Systems Health	SWU 182: Social Services Perspective of Government (SB)
CRJ 230: Introduction to Policing	CSM 201: Introduction to Parks, Recreation and Sport Management	SWU 183: Introductory Ethics: A Social Issues Perspectives (HU)
CRJ 240: Introduction to Corrections	NLM 160: Voluntary Action and Community Leadership (SB)	SWU 250: Stress Management Tools I (SB)
CRJ 260: Criminal Law I: Introduction to Substantive Criminal Law	NLM 220: Introduction to Nonprofit Organizations	SWU 349: Stress Management Tools II (SB)
CRJ 270: Community Justice (SB)	PRM 120: Leisure and the Quality of Life (SB)	SWU 456: Immigrants and Refugees (C)
CRJ 305: Gender, Crime, and Criminal Justice (C)	PRM 380: Wilderness and Parks in America (SB & H)	SWU 458: Behavioral Health Services
CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C)	RTH 364: Foundations of Recreation Therapy (SB)	SWU 459: Spirituality and the Helping Professions
CRJ 309: Criminology (SB)	TDM 205: Introduction to Travel and Tourism (G)	SWU 460: Legal Issues in Social Work
CRJ 350: Law and Social Control (SB)	TDM 458: International Tourism (G)	SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C)
Interdisciplinary Requirement - Area 4	Emergency Management and Homeland Security Electives	
CPP Elective	PAF 200: Public Service and Policy in the 21st Century	
	PAF 300: Public Management and Administration	
	PAF 363: Technology in Emergency Management	
	PAF 410: Building Leadership Skills (SB)	
	PAF 468: Planning and Exercises	

PAF 484: Internship

CRJ 100: Introduction to Criminal Justice  
(SB)

CRJ 230: Introduction to Policing

CRJ 417: Cyber Terrorism

CRJ 419: Domestic Terrorism

CRJ 455: Police and International Terrorism

CRJ 456: Etiology of Martyrdom

GIS 205: Geographic Information Science I  
(CS)

GIS 211: Geographic Information Science II  
(CS)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map



### Emergency Management and Homeland Security, BS



School/College: [Watts College of Public Service & Community Solut](#)



Location: [Online ASU Local](#)



PPEMHSBS

Term 1 - A 0 - 7 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 PAF 112: Identity, Service and American Democracy (SB & C)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students</li> </ul>
ASU 101-CPP: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Term hours subtotal:	7		

Term 1 - B 7 - 16 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 MAT 142: College Mathematics (MA)	3	C	<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> <li>For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.</li> </ul>
SOC 101: Introductory Sociology (SB)	3	C	
Interdisciplinary Requirement	3		
Term hours subtotal:	9		

Term 2 - A 16 - 22 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 PAF 160: Fundamentals of Disaster Governance, Politics and Policy	3	C	
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Term hours subtotal:	6		

Term 2 - B 22 - 28 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
POS 110: American Government and Politics (SB)	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	6		

Term 3 - A 28 - 34 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 PAF 261: Hazards and Risk Management	3	C	<ul style="list-style-type: none"> <li>For the Interdisciplinary Requirement: Students can choose courses from any of the four</li> </ul>
Interdisciplinary Requirement	3		

Term hours subtotal: 6

Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.

Term 3 - B 34 - 41 Credit Hours	Hours	Minimum Grade	Notes
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		• Develop your <b>skills</b> .
Natural Science - Quantitative (SQ)	4		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	7		

Term 4 - A 41 - 47 Credit Hours <b>Critical course signified by</b> 🚩	Hours	Minimum Grade	Notes
🚩 PAF 201: Economics and Public Policy (SB)	3	C	
COM 225: Public Speaking (L)	3	C	
Term hours subtotal:	6		

Term 4 - B 47 - 54 Credit Hours	Hours	Minimum Grade	Notes
Emergency Management and Homeland Security Elective	3		• Choose Emergency Management and Homeland Security Electives from the list at the bottom of the major map.
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	7		

Term 5 - A 54 - 60 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ PAF 311: Leadership and Change (SB)	3	C	• Explore an <b>internship</b> .
★ PAF 360: Emergency Management I	3	C	
Term hours subtotal:	6		

Term 5 - B 60 - 66 Credit Hours	Hours	Minimum Grade	Notes
Emergency Management and Homeland Security Elective	3		• Choose Emergency Management and Homeland Security Electives from the list at the bottom of the major map.
Elective	3		
Term hours subtotal:	6		

Term 6 - A 66 - 72 Credit Hours	Hours	Minimum Grade	Notes
PAF 301: Applied Statistics (CS)	3	C	
Elective	3		
Term hours subtotal:	6		

Term 6 - B 72 - 78 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ PAF 362: Biosecurity and Biodefense	3	C	
PAF 302: Public Service Research Methods	3	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 78 - 84 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ PAF 461: Homeland Security	3	C	



PAF 424: Emergency Management II	3	C
Term hours subtotal:	6	

- Develop your **professional online presence**.

Term 7 - B 84 - 90 Credit Hours	Hours	Minimum Grade	Notes
CRJ 412: International Terrorism	3	C	
Elective	3		
Term hours subtotal:	6		

Term 8 - A 90 - 96 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ PAF 426: Intelligence Analysis and Homeland Security	3	C	
Upper Division Emergency Management and Homeland Security Elective	3		
Term hours subtotal:	6		

- Choose Emergency Management and Homeland Security Electives from the list at the bottom of the major map.

Term 8 - B 96 - 102 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Emergency Management and Homeland Security Elective	3		
Upper Division Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	6		

- Complete an in person or virtual **practice interview**.

Term 9 - A 102 - 108 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ PAF 460: Public Service Ethics	3	C	
Upper Division Emergency Management and Homeland Security Elective	3		
Term hours subtotal:	6		

- Choose Emergency Management and Homeland Security Electives from the list at the bottom of the major map.

Term 9 - B 108 - 114 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ PAF 400: Senior Capstone Project	3	C	
Elective	3		
Term hours subtotal:	6		

- Successful completion of PAF 400 will satisfy the college Solution-Based Learning (SBL) requirement.

Term 10 - A 114 - 120 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ Upper Division Emergency Management and Homeland Security Elective	3		
Elective	3		
Term hours subtotal:	6		

- Choose Emergency Management and Homeland Security Electives from the list at the bottom of the major map.

- For the Interdisciplinary Requirement:  
Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.
- For the Solution Based Learning (SBL) College Requirement:  
PAF 400 satisfies the SBL requirement.

Students must complete one SBL course by degree completion.

Hide Course List(s)/Track Group(s)

Interdisciplinary Requirement - Area 1	Interdisciplinary Requirement - Area 2	Interdisciplinary Requirement - Area 3
CRJ 100: Introduction to Criminal Justice (SB)	CRD 302: Inclusive Community Development (SB & C)	SWU 171: Introduction to Social Work (SB & H)
CRJ 201: Criminal Justice Crime Control Policies and Practices	CSM 201: Introduction to Parks, Recreation and Sport Management	SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C)
CRJ 203: Courts and Sentencing	PRM 120: Leisure and the Quality of Life (SB)	SWU 181: Economics: A Social Issues Perspective
CRJ 204: Juvenile Justice	PRM 380: Wilderness and Parks in America (SB & H)	SWU 182: Social Services Perspective of Government (SB)
CRJ 230: Introduction to Policing	RTH 364: Foundations of Recreation Therapy (SB)	SWU 183: Introductory Ethics: A Social Issues Perspectives (HU)
CRJ 240: Introduction to Corrections	TDM 205: Introduction to Travel and Tourism (G)	SWU 250: Stress Management Tools I (SB)
CRJ 260: Criminal Law I: Introduction to Substantive Criminal Law	TDM 458: International Tourism (G)	SWU 349: Stress Management Tools II (SB)
CRJ 270: Community Justice (SB)		SWU 456: Immigrants and Refugees (C)
CRJ 305: Gender, Crime, and Criminal Justice (C)		SWU 458: Behavioral Health Services
CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C)		SWU 460: Legal Issues in Social Work
CRJ 309: Criminology (SB)		SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C)
CRJ 350: Law and Social Control (SB)		
Interdisciplinary Requirement - Area 4	Emergency Management and Homeland Security Electives	
CPP Elective	PAF 200: Public Service and Policy in the 21st Century	
	PAF 300: Public Management and Administration	
	PAF 363: Technology in Emergency Management	
	PAF 410: Building Leadership Skills (SB)	
	PAF 468: Planning and Exercises	
	PAF 484: Internship	
	CRJ 100: Introduction to Criminal Justice (SB)	
	CRJ 230: Introduction to Policing	
	CRJ 417: Cyber Terrorism	
	CRJ 419: Domestic Terrorism	
	CRJ 455: Police and International Terrorism	
	CRJ 456: Etiology of Martyrdom	
	GIS 205: Geographic Information Science I (CS)	

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GIS 211: Geographic Information Science II  
(CS)

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**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map




### Nonprofit Leadership and Management, BS



School/College: [Watts College of Public Service & Community Solut](#)

Location: [Downtown Phoenix](#)

PPNLMBS

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 NLM 160: Voluntary Action and Community Leadership (SB)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. ASU 101 is not required for transfer students.</li> <li>For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.</li> <li>Successful completion of NLM 160 will satisfy the college Solution-Based Learning (SBL) Requirement.</li> <li>Secure <b>experience</b> to start your 100 career field exploration hours.</li> </ul>
ASU 101-CPP: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
MAT 142: College Mathematics (MA)	3	C	
Interdisciplinary Requirement	3		
Social-Behavioral Sciences (SB)	3		
Milestone: Meet with the Clinical Assistant Professor for Internships to discuss requirement of 100 career field exploration hours.			
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CRD 210: Community Services and Professions	3	C	<ul style="list-style-type: none"> <li>Secure <b>experience</b> to start your 100 career field exploration hours.</li> <li>Activate your <b>Handshake account</b> and build out your profile.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Natural Science - Quantitative (SQ)	4		
Elective	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 32 - 48 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 NLM 220: Introduction to Nonprofit Organizations	3	C	<ul style="list-style-type: none"> <li>Secure <b>experience</b> to continue your 100 career field exploration hours</li> </ul>
Computer/Statistics/Quantitative Applications (CS)	3		
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	3		

❖ Complete Mathematics (MA) requirement.

Minimum 2.50 GPA ASU Cumulative.

Term hours subtotal: 16

Term 4 48 - 63 Credit Hours Critical course signified by ❖	Hours	Minimum Grade	Notes
❖ Interdisciplinary Requirement	3		<ul style="list-style-type: none"> <li>For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.</li> <li>Secure <b>experience</b> to continue your 100 career field exploration hours.</li> </ul>
Nonprofit Leadership and Management Elective	3	C	
Literacy and Critical Inquiry (L) ( COM 225 OR ENG 301 recommended)	3	C	
Complete 2 courses:	6		
Elective			
Term hours subtotal:	15		

Term 5 63 - 78 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CRD 301: Sustainable Communities	3	C	<ul style="list-style-type: none"> <li>Successful completion of CRD 301 will satisfy the college Solution-Based Learning (SBL) Requirement</li> <li>Develop your <b>skills</b></li> <li>Secure <b>experience</b> to continue your 100 career field exploration hours</li> </ul>
★ NLM 300: Fund Raising and Resource Development	3	C	
CRD 302: Inclusive Community Development (SB & C)	3	C	
NLM 310: Volunteer Management	3	C	
Elective	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ NLM 380: Financial Management for Nonprofit Organizations	3	C	<ul style="list-style-type: none"> <li>Successful completion of NLM 402 will satisfy the college Solution-Based Learning (SBL) Requirement</li> <li>Develop your <b>professional online presence</b></li> <li>Secure <b>experience</b> to continue your 100 career field exploration hours</li> </ul>
★ NLM 402: Assessment and Evaluation of Community Services	3	C	
NLM 410: Social Entrepreneurship	3	C	
Nonprofit Leadership and Management Elective	3	C	
Upper Division Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ NLM 430: Managing Nonprofit Organizations (L)	3	C	<ul style="list-style-type: none"> <li>Use Handshake to research <b>employment/internship opportunities</b></li> <li>Secure <b>experience</b> to complete your 100 career field exploration hours</li> </ul>
CRD 403: Leadership and Professional Development	3	C	
Complete 2 courses:	6		
Nonprofit Leadership and Management Elective	6	C	
Upper Division Elective	3		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ NLM 463: Senior Internship	12	C	<ul style="list-style-type: none"> <li>Successful completion of NLM 463 will satisfy the college Solution-Based Learning (SBL) Requirement</li> </ul>
Term hours subtotal:	12		

- For the Interdisciplinary Requirement:
  - Students can choose courses from any of the four Interdisciplinary areas/track groups.
  - To meet the requirement, students must take two courses from at least two different groups.

For the Solution-Based Learning (SBL) College Requirement:

- Students must complete one SBL course by degree completion.
- Successful completion of NLM 160, CRD 301, NLM 402, or NLM 463 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

Interdisciplinary Requirement - Area 1	Interdisciplinary Requirement - Area 2	Interdisciplinary Requirement - Area 3
CRJ 100: Introduction to Criminal Justice (SB)	PAF 112: Identity, Service and American Democracy (SB & C)	SWU 171: Introduction to Social Work (SB & H)
CRJ 201: Criminal Justice Crime Control Policies and Practices	PAF 200: Public Service and Policy in the 21st Century	SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C)
CRJ 203: Courts and Sentencing	PAF 201: Economics and Public Policy (SB)	SWU 181: Economics: A Social Issues Perspective
CRJ 204: Juvenile Justice	PAF 240: Urban Policy (C)	SWU 182: Social Services Perspective of Government (SB)
CRJ 230: Introduction to Policing	PAF 311: Leadership and Change (SB)	SWU 183: Introductory Ethics: A Social Issues Perspectives (HU)
CRJ 240: Introduction to Corrections	PAF 410: Building Leadership Skills (SB)	SWU 250: Stress Management Tools I (SB)
CRJ 260: Criminal Law I: Introduction to Substantive Criminal Law		SWU 349: Stress Management Tools II (SB)
CRJ 270: Community Justice (SB)		SWU 456: Immigrants and Refugees (C)
CRJ 305: Gender, Crime, and Criminal Justice (C)		SWU 458: Behavioral Health Services
CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C)		SWU 459: Spirituality and the Helping Professions
CRJ 309: Criminology (SB)		SWU 460: Legal Issues in Social Work
CRJ 350: Law and Social Control (SB)		SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C)
Interdisciplinary Requirement - Area 4	Nonprofit Leadership and Management Elective	
CPP Elective	ACC 382: Accounting and Financial Analysis	
	COM 259: Communication in Business and the Professions	
	COM 263: Elements of Intercultural Communication (SB & C & G)	
	CRD Elective	
	CSM 485: Sports Events	
	CSM Elective	

MGT 380: Management and Strategy for Nonmajors

NLM 203: Program Planning

NLM 320: Professional Development Seminar

NLM 420: Nonprofit Leadership Alliance Institute

NLM 435: Service Learning for Community Development

NLM 451: Grant Writing

PAF 410: Building Leadership Skills (SB)

PRM 145: Special Events Management

PRM 304: Recreation and Sport Planning and Facilities (L)

PRM 370: Public Lands Management

PRM Elective

RTH 364: Foundations of Recreation Therapy (SB)

SOC 241: Modern Social Problems (SB)

TDM Elective

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.












## 2023 - 2024 Major Map

### Nonprofit Leadership and Management (American Indian Studies), BS

School/College: [Watts College of Public Service & Community Solut](#)

Location: [Downtown Phoenix](#)

PPNLMAIBS

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes	
 AIS 180: Introduction to American Indian Studies (C)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>Successful completion of NLM 160 will satisfy the college Solution-Based Learning (SBL) Requirement.</li> <li>Secure <b>experience</b> to start your 100 career field exploration hours.</li> </ul>	
 NLM 160: Voluntary Action and Community Leadership (SB)	3	C		
ASU 101-CPP: The ASU Experience	1			
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C		
MAT 142: College Mathematics (MA)	3	C		
Elective	3			
Milestone: Meet with the Clinical Assistant Professor for Internships to discuss requirement of 100 career field exploration hours.				
Term hours subtotal:	16			
Term 2 16 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade		Notes
 CRD 210: Community Services and Professions	3	C		<ul style="list-style-type: none"> <li>Secure <b>experience</b> to start your 100 career field exploration hours.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C		
Humanities, Arts and Design (HU)	3			
Natural Science - Quantitative (SQ)	4			
Social-Behavioral Sciences (SB)	3			
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).				
Term hours subtotal:	16			
Term 3 32 - 48 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes	
 NLM 220: Introduction to Nonprofit Organizations	3	C	<ul style="list-style-type: none"> <li>For the Interdisciplinary Requirement: students can choose courses from any of the four Interdisciplinary Areas/track groups. To meet the requirement, students must take two courses from at least two different groups.</li> <li>Secure <b>experience</b> to continue your 100 career field exploration hours.</li> </ul>	
Interdisciplinary Requirement	3			
Computer/Statistics/Quantitative Applications (CS)	3			
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4			
Elective	3			
 Complete Mathematics (MA) requirement.				

Minimum 2.50 GPA ASU Cumulative.

Term hours subtotal: 16

Term 4 48 - 63 Credit Hours <b>Critical course signified by</b> ⚠️	Hours	Minimum Grade	Notes
⚠️ AIS 285: Federal Indian Policy (H & C)	3	C	<ul style="list-style-type: none"> <li>• For the Interdisciplinary Requirement: students can choose courses from any of the four Interdisciplinary Areas/track groups. To meet the requirement, students must take two courses from at least two different groups.</li> <li>• Secure <b>experience</b> to continue your 100 career field exploration hours.</li> </ul>
Interdisciplinary Requirement	3		
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Literacy and Critical Inquiry (L) ( COM 225 OR ENG 301 recommended)	3	C	
Elective	3		
Term hours subtotal:	15		

Term 5 63 - 78 Credit Hours <b>Necessary course signified by</b> ⭐	Hours	Minimum Grade	Notes
⭐ NLM 300: Fund Raising and Resource Development	3	C	<ul style="list-style-type: none"> <li>• Successful completion of CRD 301 will satisfy the college Solution-Based Learning (SBL) Requirement</li> <li>• Develop your <b>skills</b></li> <li>• Secure <b>experience</b> to continue your 100 career field exploration hours</li> </ul>
AIS 360: Issues in Urban Indian Country (C)	3	C	
CRD 301: Sustainable Communities	3	C	
CRD 302: Inclusive Community Development (SB & C)	3	C	
NLM 310: Volunteer Management	3	C	
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours <b>Necessary course signified by</b> ⭐	Hours	Minimum Grade	Notes
⭐ NLM 380: Financial Management for Nonprofit Organizations	3	C	<ul style="list-style-type: none"> <li>• Successful completion of NLM 402 will satisfy the college Solution-Based Learning (SBL) Requirement</li> <li>• Develop your <b>professional online presence</b></li> <li>• Secure <b>experience</b> to continue your 100 career field exploration hours</li> </ul>
AIS 380: Contemporary Issues of American Indian Nations (C)	3	C	
NLM 402: Assessment and Evaluation of Community Services	3	C	
NLM 410: Social Entrepreneurship	3	C	
Nonprofit Leadership and Management Elective	3	C	
⭐ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours <b>Necessary course signified by</b> ⭐	Hours	Minimum Grade	Notes
⭐ NLM 430: Managing Nonprofit Organizations (L)	3	C	<ul style="list-style-type: none"> <li>• Use Handshake to research <b>employment/internship opportunities</b></li> <li>• Secure <b>experience</b> to complete your 100 career field exploration hours</li> </ul>
AIS 370: American Indian Languages and Cultures (C) OR AIS 470: Tribal Governance	3	C	
CRD 403: Leadership and Professional Development	3	C	
Nonprofit Leadership and Management Elective	3	C	
Elective	3		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours <b>Necessary course signified by</b> ⭐	Hours	Minimum Grade	Notes
⭐ NLM 463: Senior Internship	12	C	<ul style="list-style-type: none"> <li>• Successful completion of NLM 463 will satisfy the college Solution-Based Learning (SBL) Requirement</li> </ul>
Term hours subtotal:	12		

- For the Interdisciplinary Requirement:
  - Students can choose courses from any of the four Interdisciplinary Areas/track groups.
  - To meet the requirement, students must take two courses from at least two different groups.

For the Solution-Based Learning (SBL) College Requirement:

- Students must complete one SBL course by degree completion.
- Successful completion of NLM 160, CRD 301, NLM 402, or NLM 463 will satisfy the SBL requirement.

Hide Course List(s)/Track Group(s)

Interdisciplinary Requirement - Area 1	Interdisciplinary Requirement - Area 2	Interdisciplinary Requirement - Area 3
CRJ 100: Introduction to Criminal Justice (SB)	PAF 112: Identity, Service and American Democracy (SB & C)	SWU 171: Introduction to Social Work (SB & H)
CRJ 201: Criminal Justice Crime Control Policies and Practices	PAF 200: Public Service and Policy in the 21st Century	SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C)
CRJ 203: Courts and Sentencing	PAF 201: Economics and Public Policy (SB)	SWU 181: Economics: A Social Issues Perspective
CRJ 204: Juvenile Justice	PAF 240: Urban Policy (C)	SWU 182: Social Services Perspective of Government (SB)
CRJ 230: Introduction to Policing	PAF 311: Leadership and Change (SB)	SWU 183: Introductory Ethics: A Social Issues Perspectives (HU)
CRJ 240: Introduction to Corrections	PAF 410: Building Leadership Skills (SB)	SWU 250: Stress Management Tools I (SB)
CRJ 260: Criminal Law I: Introduction to Substantive Criminal Law		SWU 349: Stress Management Tools II (SB)
CRJ 270: Community Justice (SB)		SWU 456: Immigrants and Refugees (C)
CRJ 305: Gender, Crime, and Criminal Justice (C)		SWU 458: Behavioral Health Services
CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C)		SWU 459: Spirituality and the Helping Professions
CRJ 309: Criminology (SB)		SWU 460: Legal Issues in Social Work
CRJ 350: Law and Social Control (SB)		SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C)
Interdisciplinary Requirement - Area 4	Nonprofit Leadership and Management Elective	
CPP Elective	ACC 382: Accounting and Financial Analysis	
	COM 259: Communication in Business and the Professions	
	COM 263: Elements of Intercultural Communication (SB & C & G)	
	CRD Elective	
	CSM 485: Sports Events	
	CSM Elective	
	MGT 380: Management and Strategy for Nonmajors	
	NLM 203: Program Planning	

NLM 320: Professional Development Seminar

NLM 420: Nonprofit Leadership Alliance  
Institute

NLM 435: Service Learning for Community  
Development

NLM 451: Grant Writing

PAF 410: Building Leadership Skills (SB)

PRM 145: Special Events Management

PRM 304: Recreation and Sport Planning and  
Facilities (L)

PRM Elective

RTH 364: Foundations of Recreation Therapy  
(SB)

SOC 241: Modern Social Problems (SB)

TDM Elective

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.




## 2023 - 2024 Major Map



### Parks, Recreation and Sport Management, BS




School/College: [Watts College of Public Service & Community Solut](#)

Location: [Downtown Phoenix](#)

PPPRMBS

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>ASU 101 is for ASU first-year students only and is not required for transfer students.</li> <li>For the Interdisciplinary Requirement, students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.</li> <li>Secure <b>experience</b> to start your 100 career field exploration hours.</li> </ul>
 PRM 120: Leisure and the Quality of Life (SB)	3	C	
ASU 101-CPP: The ASU Experience	1		
MAT 142: College Mathematics (MA)	3	C	
Interdisciplinary Requirement	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Milestone: Meet with the Clinical Assistant Professor for Internships to discuss requirement of 100 career field exploration hours.			
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>Successful completion of PRM 203 will satisfy the college Solution-Based Learning (SBL) Requirement.</li> <li>Secure <b>experience</b> to start your 100 career field exploration hours.</li> <li>Activate your <b>Handshake account</b> and build out your profile.</li> </ul>
PRM 203: Program Planning	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Natural Science - Quantitative (SQ)	4		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 32 - 47 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CRD 210: Community Services and Professions	3	C	<ul style="list-style-type: none"> <li>Secure <b>experience</b> to continue your 100 career field exploration hours.</li> </ul>
Humanities, Arts and Design (HU)	3		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Complete 2 courses: Elective	6		
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	15		

Term 4 47 - 63 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
⚠ PRM 201: Introduction to Parks, Recreation and Sport Management	3	C	<ul style="list-style-type: none"> <li>For the Interdisciplinary Requirement, students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.</li> <li>Secure <b>experience</b> to continue your 100 career field exploration hours.</li> </ul>
Interdisciplinary Requirement	3		
Literacy and Critical Inquiry (L) ( COM 225 OR ENG 301 recommended)	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	3		
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ CRD 301: Sustainable Communities	3	C	<ul style="list-style-type: none"> <li>Successful completion of CRD 301 will satisfy the college Solution-Based Learning (SBL) Requirement.</li> <li>Develop your <b>skills</b>.</li> <li>PRM 304 is offered Fall semester only.</li> <li>Secure <b>experience</b> to continue your 100 career field exploration hours.</li> </ul>
★ PRM 304: Recreation and Sport Planning and Facilities (L)	3	C	
PRM 306: Advanced Programming and Facilitation	3	C	
PRM 350: Tourism, Recreation and Sports Marketing	3	C	
Elective	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ CRD 302: Inclusive Community Development (SB & C)	3	C	<ul style="list-style-type: none"> <li>Emphasis Area Requirement: courses may be chosen from one or more Emphasis Areas.</li> <li>For a career as a Park Ranger, please take the Park Ranger/Natural Resource Management Emphasis Area courses.</li> <li>Successful completion of PRM 402 will satisfy the college Solution-Based Learning (SBL) Requirement.</li> <li>Develop your <b>professional online presence</b>.</li> <li>PRM 401 is offered Spring semester only.</li> <li>Secure <b>experience</b> to continue your 100 career field exploration hours.</li> </ul>
★ PRM 402: Assessment and Evaluation of Community Services	3	C	
PRM 401: Managing Leisure Enterprises	3	C	
Complete 2 courses: Emphasis Area	6	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes	
★ CRD 403: Leadership and Professional Development	3	C	<ul style="list-style-type: none"> <li>Emphasis Area Requirement: courses may be chosen from one or more Emphasis Areas.</li> <li>Use Handshake to research <b>employment/internship opportunities</b>.</li> <li>Secure <b>experience</b> to complete your 100 career field exploration hours.</li> </ul>	
PRM 315: Creating Community Through Park and Recreation Systems OR RTH 364: Foundations of Recreation Therapy (SB) OR PRM 380: Wilderness and Parks in America (SB & H)	3	C		
Complete 2 courses: Upper Division Emphasis Area	6	C		
Elective	3			
Term hours subtotal:	15			

Term 8 108 - 120 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ PRM 463: Senior Internship	12	C	

Term hours subtotal: 12

- Successful completion of PRM 463 will satisfy the college Solution-Based Learning (SBL) Requirement.

- **Emphasis Areas:** In total, four courses must be taken within the Emphasis Areas. One (or more) Emphasis Area sub-groups may be completed by choosing coursework listed within each area. Courses from the Emphasis Areas will be used to complete the Emphasis Area and Upper Division Emphasis Area requirements.
- **Interdisciplinary Requirement:** Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.
- **Solution-Based Learning (SBL) College Requirement:** Students must complete one SBL course by degree completion. Successful completion of PRM 203, CRD 301, PRM 402, or PRM 463 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

Interdisciplinary Requirement - Area 1	Interdisciplinary Requirement - Area 2	Interdisciplinary Requirement - Area 3
CRJ 100: Introduction to Criminal Justice (SB)	PAF 112: Identity, Service and American Democracy (SB & C)	SWU 171: Introduction to Social Work (SB & H)
CRJ 201: Criminal Justice Crime Control Policies and Practices	PAF 200: Public Service and Policy in the 21st Century	SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C)
CRJ 203: Courts and Sentencing	PAF 201: Economics and Public Policy (SB)	SWU 181: Economics: A Social Issues Perspective
CRJ 204: Juvenile Justice	PAF 240: Urban Policy (C)	SWU 182: Social Services Perspective of Government (SB)
CRJ 230: Introduction to Policing	PAF 311: Leadership and Change (SB)	SWU 183: Introductory Ethics: A Social Issues Perspectives (HU)
CRJ 240: Introduction to Corrections	PAF 410: Building Leadership Skills (SB)	SWU 250: Stress Management Tools I (SB)
CRJ 260: Criminal Law I: Introduction to Substantive Criminal Law		SWU 349: Stress Management Tools II (SB)
CRJ 270: Community Justice (SB)		SWU 456: Immigrants and Refugees (C)
CRJ 305: Gender, Crime, and Criminal Justice (C)		SWU 458: Behavioral Health Services
CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C)		SWU 459: Spirituality and the Helping Professions
CRJ 309: Criminology (SB)		SWU 460: Legal Issues in Social Work
CRJ 350: Law and Social Control (SB)		SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C)
Interdisciplinary Requirement - Area 4	Community Recreation Emphasis	Inclusive and Adaptive Sports Emphasis
CPP Elective	PRM 315: Creating Community Through Park and Recreation Systems	PRM 335: Sports and Recreation for Youth Development
	PRM 335: Sports and Recreation for Youth Development	PRM 453: Inclusive Community Sport
		RTH 364: Foundations of Recreation Therapy (SB)

	PRM 475: Entrepreneurial Recreation and Tourism	RTH 455: Recreational Therapy and Play with Children, Youth and Families
	RTH 364: Foundations of Recreation Therapy (SB)	
	RTH 455: Recreational Therapy and Play with Children, Youth and Families	
Park Ranger/Natural Resource Management Emphasis	Special Event Management Emphasis	Sports Tourism Emphasis
ABS 384: Natural Resources Measurements	PRM 145: Special Events Management	PRM 145: Special Events Management
ABS 430: Watershed Management	PRM 485: Sports Events	PRM 483: Sports Tourism
ABS 479: Ecosystem Management and Planning (L)	PRM 487: Advanced Special Events Management	PRM 485: Sports Events
ABS 485: GIS in Natural Resources	TDM 345: Meeting and Convention Planning	TDM 205: Introduction to Travel and Tourism (G)
ASM 104: Bones, Stones, and Human Evolution (SB or SG)		
BIO 100: The Living World (SQ)		
BIO 130: Introduction to Environmental Science (SQ)		
BIO 324: Environmental Ethics (HU)		
BIO 412: Conservation in Practice		
BIO 434: People and Nature: Ecosystem Services		
ERM 426: Environmental Issues		
ERM 428: International Environmental Management (G)		
GIS 205: Geographic Information Science I (CS)		
GLG 101: Introduction to Geology I (Physical) (SQ)		
GLG 108: Water Planet (SQ)		
GPH 111: Introduction to Physical Geography (SQ)		
PHI 310: Environmental Ethics (HU)		
PRM 340: Outdoor Survival		
PRM 370: Public Lands Management		
PRM 470: Environmental Communication		
SCN 300: Foundations of Environmental Education		
SCN 301: Ecology and Natural History of the Sonoran Desert (SG)		
SOS 412: Conservation in Practice		



TDM 448: Heritage and Cultural Tourism

TDM 480: Sustainable Tourism

Youth Sports Emphasis	Other Emphasis
PPE 215: Teaching Team Sports	CRD Elective
PPE 335: Movement and Physiology Principles of Children and Youth in Physical Activity Environments	NLM Elective PAF 410: Building Leadership Skills (SB)
PPE 494: Positive Sport Coaching	PRM Elective
PRM 335: Sports and Recreation for Youth Development	PUP 301: Introduction to Urban Planning (L) TDM Elective
PRM 483: Sports Tourism	
PRM 485: Sports Events	

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.









## 2023 - 2024 Major Map



### Public Service and Public Policy, BS

School/College: [Watts College of Public Service & Community Solut](#)




Location: [Downtown Phoenix](#)


PPPAFBS



Term 1 0 - 16 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 SOC 101: Introductory Sociology (SB)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students</li> <li>For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.</li> </ul>
ASU 101-CPP: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Interdisciplinary Requirement	3		
Cultural Diversity in the U.S. (C) ( PAF 112 recommended)	3		
Elective	3		
Milestone: Meet with an academic advisor			
Term hours subtotal:	16		
Term 2 16 - 32 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 POS 110: American Government and Politics (SB)	3	C	
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
MAT 142: College Mathematics (MA)	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Natural Science - Quantitative (SQ)	4		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		
Term 3 32 - 48 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 PAF 200: Public Service and Policy in the 21st Century	3	C	<ul style="list-style-type: none"> <li>Develop your skills</li> </ul>
ENG 216: Persuasive Writing on Public Issues (L)	3	C	
Interdisciplinary Requirement	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	3		
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		

Term 4 48 - 63 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 PAF 201: Economics and Public Policy (SB)	3	C	• Explore an <b>internship</b>
COM 225: Public Speaking (L)	3	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Complete 2 courses:	6		
Elective			
Term hours subtotal:	15		

Term 5 63 - 78 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 PAF 311: Leadership and Change (SB)	3	C	• Develop your <b>professional online presence</b>
PAF 300: Public Management and Administration OR PAF 410: Building Leadership Skills (SB) OR PAF 420: Managing Across Boundaries	3		
PAF 301: Applied Statistics (CS)	3	C	
POS OR CRJ OR NLM OR JUS OR MGT OR SOC OR SWU OR SGS OR SOS OR HST Elective	3	C	
Elective	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 PAF 340: Contemporary Policy Challenges	3	C	• Complete an in person or virtual <b>practice interview</b>
PAF 300: Public Management and Administration OR PAF 410: Building Leadership Skills (SB) OR PAF 420: Managing Across Boundaries	3		
PAF 302: Public Service Research Methods	3	C	
Complete 2 courses:	6		
Elective			
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 PAF 460: Public Service Ethics	3	C	• Successful completion of PAF 484 will satisfy the college Solution-Based Learning (SBL) Requirement
 PAF 484: Internship	3	Y	
PAF 300: Public Management and Administration OR PAF 410: Building Leadership Skills (SB) OR PAF 420: Managing Across Boundaries	3		
Upper Division Literacy and Critical Inquiry (L)	3		
Upper Division Elective	3		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 PAF 400: Senior Capstone Project	3	C	• Successful completion of the college's Solution-Based Learning (SBL) requirement is expected of each student by degree completion.
Upper Division Public Leadership & Management Elective	3	C	
Complete 2 courses:	6		
Upper Division Elective			

Term hours subtotal: 12

- For the Interdisciplinary Requirement:
  - Students can choose courses from any of the four Interdisciplinary areas/track groups.
  - To meet the requirement, students must take two courses from at least two different groups.

For the Solution-Based Learning (SBL) College Requirement:

- Students must complete one SBL course by degree completion.
- Successful completion of PAF 484 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

Interdisciplinary Requirement-Area 1	Interdisciplinary Requirement-Area 2	Interdisciplinary Requirement-Area 3
CRJ 100: Introduction to Criminal Justice (SB)	CRD 302: Inclusive Community Development (SB & C)	SWU 171: Introduction to Social Work (SB & H)
CRJ 201: Criminal Justice Crime Control Policies and Practices	CRD 471: Interprofessional Education and Community Health	SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C)
CRJ 203: Courts and Sentencing	CRD 472: Interprofessional Education and Complex Health	SWU 181: Economics: A Social Issues Perspective
CRJ 204: Juvenile Justice	CRD 473: Interprofessional Education and Comprehensive Systems Health	SWU 182: Social Services Perspective of Government (SB)
CRJ 230: Introduction to Policing	CSM 201: Introduction to Parks, Recreation and Sport Management	SWU 183: Introductory Ethics: A Social Issues Perspectives (HU)
CRJ 240: Introduction to Corrections	NLM 160: Voluntary Action and Community Leadership (SB)	SWU 250: Stress Management Tools I (SB)
CRJ 260: Criminal Law I: Introduction to Substantive Criminal Law	NLM 220: Introduction to Nonprofit Organizations	SWU 349: Stress Management Tools II (SB)
CRJ 270: Community Justice (SB)	PRM 120: Leisure and the Quality of Life (SB)	SWU 456: Immigrants and Refugees (C)
CRJ 305: Gender, Crime, and Criminal Justice (C)	PRM 380: Wilderness and Parks in America (SB & H)	SWU 458: Behavioral Health Services
CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C)	RTH 364: Foundations of Recreation Therapy (SB)	SWU 459: Spirituality and the Helping Professions
CRJ 309: Criminology (SB)	TDM 205: Introduction to Travel and Tourism (G)	SWU 460: Legal Issues in Social Work
CRJ 350: Law and Social Control (SB)	TDM 458: International Tourism (G)	SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C)
Interdisciplinary Requirement-Area 4	Upper Division Public Leadership and Management Elective	Solution-Based Learning (SBL) Requirement
CPP Elective	COM Upper Division Elective	CPP 350: Community Works
	HST Upper Division Elective	CPP 353: Community Impact Lab
	MGT Upper Division Elective	CRD 301: Sustainable Communities
	NLM Upper Division Elective	CRD 435: Service Learning for Community Development
	POS Upper Division Elective	CRD 471: Interprofessional Education and Community Health
	PSY Upper Division Elective	

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CRD 472: Interprofessional Education and Complex Health

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CRD 473: Interprofessional Education and Comprehensive Systems Health

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CRJ 317: Inside-Out Prison Exchange Program

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CRJ 394: Comparative Organized Crime

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CRJ 394: Taking it to the Streets: Service-Based Learning

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CRJ 394: The British Roots of U.S. Criminal Justice

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CRJ 455: Police and International Terrorism

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CRJ 456: Etiology of Martyrdom

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NLM 160: Voluntary Action and Community Leadership (SB)

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NLM 435: Service Learning for Community Development

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PAF 484: Internship

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PRM 145: Special Events Management

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PRM 203: Program Planning

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PRM 315: Creating Community Through Park and Recreation Systems

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PRM 370: Public Lands Management

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SWU 291: Social Service Delivery Systems

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SWU 394: Ending Homelessness

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TDM 345: Meeting and Convention Planning

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**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)

- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map

### Public Service and Public Policy, BS



School/College: [Watts College of Public Service & Community Solut](#)



Location: [Online ASU Local](#)


PPPAFBS

Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 SOC 101: Introductory Sociology (SB)	3	C	
ASU 101-CPP: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 13 Credit Hours	Hours	Minimum Grade	Notes
Interdisciplinary Requirement	3		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students</li> <li>For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups</li> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> </ul>
Cultural Diversity in the U.S. (C) ( PAF 112 recommended)	3		
Term hours subtotal:	6		

Term 2 - A 13 - 19 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 POS 110: American Government and Politics (SB)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	6		

Term 2 - B 19 - 25 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
MAT 142: College Mathematics (MA)	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	6		

Term 3 - A 25 - 31 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
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🚩 PAF 200: Public Service and Policy in the 21st Century	3	C
Interdisciplinary Requirement	3	
Term hours subtotal:	6	

- For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups

Term 3 - B 31 - 38 Credit Hours Critical course signified by 🚩	Hours	Minimum Grade	Notes
ENG 216: Persuasive Writing on Public Issues (L)	3	C	• Develop your skills.
Natural Science - Quantitative (SQ)	4		
🚩 Complete Mathematics (MA) requirement.			
Term hours subtotal:	7		

Term 4 - A 38 - 44 Credit Hours Critical course signified by 🚩	Hours	Minimum Grade	Notes
🚩 PAF 201: Economics and Public Policy (SB)	3	C	
COM 225: Public Speaking (L)	3	C	
Term hours subtotal:	6		

Term 4 - B 44 - 51 Credit Hours	Hours	Minimum Grade	Notes
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	3		
Term hours subtotal:	7		

Term 5 - A 51 - 57 Credit Hours Necessary course signified by ⭐	Hours	Minimum Grade	Notes
⭐ PAF 311: Leadership and Change (SB)	3	C	• Explore an internship.
POS OR CRJ OR NLM OR JUS OR MGT OR SOC OR SWU OR SGS OR SOS OR HST Elective	3	C	
Term hours subtotal:	6		

Term 5 - B 57 - 63 Credit Hours	Hours	Minimum Grade	Notes
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Elective	3		
Term hours subtotal:	6		



Term 6 - A 63 - 69 Credit Hours Necessary course signified by ⭐	Hours	Minimum Grade	Notes
⭐ PAF 301: Applied Statistics (CS)	3	C	
PAF 300: Public Management and Administration OR PAF 410: Building Leadership Skills (SB) OR PAF 420: Managing Across Boundaries	3	C	
Term hours subtotal:	6		


Term 6 - B 69 - 75 Credit Hours Necessary course signified by ⭐	Hours	Minimum Grade	Notes
⭐ PAF 302: Public Service Research Methods	3	C	
Elective	3		
⭐ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			





Term hours subtotal: 6

Term 7 - A 75 - 81 Credit Hours	Hours	Minimum Grade	Notes
PAF 300: Public Management and Administration OR PAF 410: Building Leadership Skills (SB) OR PAF 420: Managing Across Boundaries	3	C	• Develop your professional online presence.
Elective	3		
Term hours subtotal:	6		

Term 7 - B 81 - 87 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
 Solution-Based Learning (SBL) Requirement	3		• The Solution-Based Learning (SBL) is a college requirement for degree completion. Students should select a course from the list below for a total of 3 credits.
Upper Division Elective	3		
Term hours subtotal:	6		


Term 8 - A 87 - 93 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
 PAF 340: Contemporary Policy Challenges	3	C	
Elective	3		
Term hours subtotal:	6		

Term 8 - B 93 - 99 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Literacy and Critical Inquiry (L)	3		• Complete an in person or virtual practice interview.
Upper Division Elective	3		
Term hours subtotal:	6		

Term 9 - A 99 - 105 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
 PAF 460: Public Service Ethics	3	C	
PAF 300: Public Management and Administration OR PAF 410: Building Leadership Skills (SB) OR PAF 420: Managing Across Boundaries	3	C	
Term hours subtotal:	6		

Term 9 - B 105 - 111 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	6		

Term 10 - A 111 - 117 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Public Leadership & Management Elective	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		

Term 10 - B 117 - 120 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
 PAF 400: Senior Capstone Project	3	C	
Term hours subtotal:	3		

- For the Interdisciplinary Requirement:
  - Students can choose courses from any of the four Interdisciplinary areas/track groups.
  - To meet the requirement, students must take two courses from at least two different groups.

For the Solution-Based Learning (SBL) College Requirement:

- Choose one class from the SBL course list.
- Students must complete one SBL course by degree completion.

Hide Course List(s)/Track Group(s)

Interdisciplinary Requirement-Area 1	Interdisciplinary Requirement - Area 2	Interdisciplinary Requirement-Area 3
CRJ 100: Introduction to Criminal Justice (SB)	CRD 302: Inclusive Community Development (SB & C)	SWU 171: Introduction to Social Work (SB & H)
CRJ 201: Criminal Justice Crime Control Policies and Practices	CSM 201: Introduction to Parks, Recreation and Sport Management	SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C)
CRJ 203: Courts and Sentencing	PRM 120: Leisure and the Quality of Life (SB)	SWU 181: Economics: A Social Issues Perspective
CRJ 204: Juvenile Justice	PRM 380: Wilderness and Parks in America (SB & H)	SWU 182: Social Services Perspective of Government (SB)
CRJ 230: Introduction to Policing	RTH 364: Foundations of Recreation Therapy (SB)	SWU 183: Introductory Ethics: A Social Issues Perspectives (HU)
CRJ 240: Introduction to Corrections	TDM 205: Introduction to Travel and Tourism (G)	SWU 250: Stress Management Tools I (SB)
CRJ 260: Criminal Law I: Introduction to Substantive Criminal Law	TDM 458: International Tourism (G)	SWU 349: Stress Management Tools II (SB)
CRJ 270: Community Justice (SB)		SWU 456: Immigrants and Refugees (C)
CRJ 305: Gender, Crime, and Criminal Justice (C)		SWU 458: Behavioral Health Services
CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C)		SWU 460: Legal Issues in Social Work
CRJ 309: Criminology (SB)		SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C)
CRJ 350: Law and Social Control (SB)		
Interdisciplinary Requirement-Area 4	Upper Division Public Leadership & Management Elective	Solution-Based Learning (SBL) Requirement
CPP Elective	COM Upper Division Elective	CPP 350: Community Works
	HST Upper Division Elective	CPP 353: Community Impact Lab
	MGT Upper Division Elective	CRD 435: Service Learning for Community Development
	NLM Upper Division Elective	CRJ 394: Comparative Organized Crime
	POS Upper Division Elective	CRJ 394: Taking it to the Streets: Service-Based Learning
	PSY Upper Division Elective	CRJ 394: The British Roots of U.S. Criminal Justice
		CRJ 455: Police and International Terrorism
		CRJ 456: Etiology of Martyrdom

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PAF 484: Internship

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PRM 145: Special Events Management

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PRM 203: Program Planning

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SWU 291: Social Service Delivery Systems

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SWU 394: Ending Homelessness

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TDM 345: Meeting and Convention Planning

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**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map




### Public Service and Public Policy (American Indian Studies), BS




School/College: [Watts College of Public Service & Community Solut](#)



Location: [Downtown Phoenix](#)



PPPAFAISBS




Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 SOC 101: Introductory Sociology (SB)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.</li> </ul>
ASU 101-CPP: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Interdisciplinary Requirement	3		
Elective ( PAF 112 recommended)	3		
Elective	3		
Milestone: Meet with an academic advisor			
Term hours subtotal:	16		




Term 2 16 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 POS 110: American Government and Politics (SB)	3	C	
AIS 180: Introduction to American Indian Studies (C)	3	C	
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
MAT 142: College Mathematics (MA)	3	C	
Natural Science - Quantitative (SQ)	4		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		



Term 3 32 - 48 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 PAF 200: Public Service and Policy in the 21st Century	3	C	<ul style="list-style-type: none"> <li>Develop your skills</li> </ul>
ENG 216: Persuasive Writing on Public Issues (L)	3	C	
Interdisciplinary Requirement	3		
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		

Term 4 48 - 63 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 PAF 201: Economics and Public Policy (SB)	3	C	• Explore an <b>internship</b>
AIS 280: American Indian Sovereignty and the Courts (H & C)	3	C	
AIS 285: Federal Indian Policy (H & C)	3	C	
COM 225: Public Speaking (L)	3	C	
Elective	3		
Term hours subtotal:	15		

Term 5 63 - 78 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 PAF 311: Leadership and Change (SB)	3	C	• Develop your <b>professional online presence</b>
PAF 301: Applied Statistics (CS)	3	C	
POS OR CRJ OR NLM OR JUS OR MGT OR SOC OR SWU OR SGS OR SOS OR HST Elective	3	C	
Humanities, Arts and Design (HU)	3		
Elective	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 PAF 340: Contemporary Policy Challenges	3	C	• Complete an in person or <b>virtual practice interview</b>
AIS Upper Division Elective ( AIS 470 recommended)	3	C	
PAF 302: Public Service Research Methods	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Elective	3		
Term hours subtotal:	15		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			

Term 7 93 - 108 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 PAF 460: Public Service Ethics	3	C	• Successful completion of PAF 484 will satisfy the college Solution-Based Learning (SBL) Requirement
 PAF 484: Internship	3	Y	
Complete 3 courses: Upper Division Elective	9		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 PAF 400: Senior Capstone Project	3	C	
Complete 3 courses: Upper Division Elective	9		
Term hours subtotal:	12		

- For the Interdisciplinary Requirement:
  - Students can choose courses from any of the four Interdisciplinary areas/track groups.
  - To meet the requirement, students must take two courses from at least two different groups.

For the Solution-Based Learning (SBL) College Requirement:

- Students must complete one SBL course by degree completion.
- Successful completion of PAF 484 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

Interdisciplinary Requirement - Area 1	Interdisciplinary Requirement - Area 2	Interdisciplinary Requirement - Area 3
CRJ 100: Introduction to Criminal Justice (SB)	CRD 302: Inclusive Community Development (SB & C)	SWU 171: Introduction to Social Work (SB & H)
CRJ 201: Criminal Justice Crime Control Policies and Practices	CRD 471: Interprofessional Education and Community Health	SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C)
CRJ 203: Courts and Sentencing	CRD 472: Interprofessional Education and Complex Health	SWU 181: Economics: A Social Issues Perspective
CRJ 204: Juvenile Justice	CRD 473: Interprofessional Education and Comprehensive Systems Health	SWU 182: Social Services Perspective of Government (SB)
CRJ 230: Introduction to Policing	CSM 201: Introduction to Parks, Recreation and Sport Management	SWU 183: Introductory Ethics: A Social Issues Perspectives (HU)
CRJ 240: Introduction to Corrections	NLM 160: Voluntary Action and Community Leadership (SB)	SWU 250: Stress Management Tools I (SB)
CRJ 260: Criminal Law I: Introduction to Substantive Criminal Law	NLM 220: Introduction to Nonprofit Organizations	SWU 349: Stress Management Tools II (SB)
CRJ 270: Community Justice (SB)	PRM 120: Leisure and the Quality of Life (SB)	SWU 456: Immigrants and Refugees (C)
CRJ 305: Gender, Crime, and Criminal Justice (C)	PRM 380: Wilderness and Parks in America (SB & H)	SWU 458: Behavioral Health Services
CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C)	RTH 364: Foundations of Recreation Therapy (SB)	SWU 459: Spirituality and the Helping Professions
CRJ 309: Criminology (SB)	TDM 205: Introduction to Travel and Tourism (G)	SWU 460: Legal Issues in Social Work
CRJ 350: Law and Social Control (SB)	TDM 458: International Tourism (G)	SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C)
Interdisciplinary Requirement - Area 4		
CPP Elective		

**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map




### Public Service and Public Policy (Business), BS




School/College: [Watts College of Public Service & Community Solut](#)

Location: [Downtown Phoenix](#)



PPPAFBUBS



Term 1 0 - 16 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 SOC 101: Introductory Sociology (SB)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students</li> <li>For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.</li> </ul>
ASU 101-CPP: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Interdisciplinary Requirement	3		
Cultural Diversity in the U.S. (C) ( PAF 112 recommended)	3		
Elective	3		
Milestone: Meet with an academic advisor			
Term hours subtotal:	16		




Term 2 16 - 32 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 POS 110: American Government and Politics (SB)	3	C	
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
MAT 142: College Mathematics (MA)	3	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Natural Science - Quantitative (SQ)	4		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 32 - 48 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 PAF 200: Public Service and Policy in the 21st Century	3	C	<ul style="list-style-type: none"> <li>For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.</li> <li>Develop your <b>skills</b></li> </ul>
ENG 216: Persuasive Writing on Public Issues (L)	3	C	
Interdisciplinary Requirement	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Elective	3		
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		





Term 4 48 - 63 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 PAF 201: Economics and Public Policy (SB)	3	C	<ul style="list-style-type: none"> <li>• Must have minimum 2.00 ASU Cumulative GPA for MGT 380 in Term 5</li> <li>• Explore an <b>internship</b></li> </ul>
COM 225: Public Speaking (L)	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

Term 5 63 - 78 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 PAF 311: Leadership and Change (SB)	3	C	<ul style="list-style-type: none"> <li>• Must have minimum 2.00 ASU Cumulative GPA for ACC 382 and FIN 380 in Term 6</li> <li>• Develop your <b>professional online presence</b></li> </ul>
MGT 380: Management and Strategy for Nonmajors	3	C	
PAF 301: Applied Statistics (CS)	3	C	
POS OR CRJ OR NLM OR JUS OR MGT OR SOC OR SWU OR SGS OR SOS OR HST Elective	3	C	
Elective	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 PAF 340: Contemporary Policy Challenges	3	C	<ul style="list-style-type: none"> <li>• Must have minimum 2.00 Cumulative GPA for MKT 390 or MKT 395 in Term 7</li> <li>• Complete an in person or virtual <b>practice interview</b></li> </ul>
ACC 382: Accounting and Financial Analysis	3	C	
FIN 380: Personal Financial Management	3	C	
PAF 302: Public Service Research Methods	3	C	
Elective	3		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 PAF 460: Public Service Ethics	3	C	<ul style="list-style-type: none"> <li>• Successful completion of PAF 484 will satisfy the college Solution-Based Learning (SBL) Requirement</li> </ul>
 PAF 484: Internship	3	Y	
MKT 390: Essentials of Marketing OR MKT 395: Essentials of Advertising and Marketing Communication	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Upper Division Elective	3		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 PAF 400: Senior Capstone Project	3	C	
Complete 2 courses: Upper Division Elective	6		
Elective	3		
Term hours subtotal:	12		

- For the Interdisciplinary Requirement:
  - Students can choose courses from any of the four Interdisciplinary areas/track groups.
  - To meet the requirement, students must take two courses from at least two different groups.

For the Solution-Based Learning (SBL) College Requirement:

- Students must complete one SBL course by degree completion.
- Successful completion of PAF 484 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

Interdisciplinary Requirement-Area 1	Interdisciplinary Requirement - Area 2	Interdisciplinary Requirement-Area 3
CRJ 100: Introduction to Criminal Justice (SB)	CRD 302: Inclusive Community Development (SB & C)	SWU 171: Introduction to Social Work (SB & H)
CRJ 201: Criminal Justice Crime Control Policies and Practices	CRD 471: Interprofessional Education and Community Health	SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C)
CRJ 203: Courts and Sentencing	CRD 472: Interprofessional Education and Complex Health	SWU 181: Economics: A Social Issues Perspective
CRJ 204: Juvenile Justice	CRD 473: Interprofessional Education and Comprehensive Systems Health	SWU 182: Social Services Perspective of Government (SB)
CRJ 230: Introduction to Policing	CSM 201: Introduction to Parks, Recreation and Sport Management	SWU 183: Introductory Ethics: A Social Issues Perspectives (HU)
CRJ 240: Introduction to Corrections	NLM 160: Voluntary Action and Community Leadership (SB)	SWU 250: Stress Management Tools I (SB)
CRJ 260: Criminal Law I: Introduction to Substantive Criminal Law	NLM 220: Introduction to Nonprofit Organizations	SWU 349: Stress Management Tools II (SB)
CRJ 270: Community Justice (SB)	PRM 120: Leisure and the Quality of Life (SB)	SWU 456: Immigrants and Refugees (C)
CRJ 305: Gender, Crime, and Criminal Justice (C)	PRM 380: Wilderness and Parks in America (SB & H)	SWU 458: Behavioral Health Services
CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C)	RTH 364: Foundations of Recreation Therapy (SB)	SWU 459: Spirituality and the Helping Professions
CRJ 309: Criminology (SB)	TDM 205: Introduction to Travel and Tourism (G)	SWU 460: Legal Issues in Social Work
CRJ 350: Law and Social Control (SB)	TDM 458: International Tourism (G)	SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C)
Interdisciplinary Requirement-Area 4		
CPP Elective		

**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.









## 2023 - 2024 Major Map



### Public Service and Public Policy (Criminology), BS



School/College: [Watts College of Public Service & Community Solut](#)




Location: [Downtown Phoenix](#)




PPPAFCBS


Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 SOC 101: Introductory Sociology (SB)	3	C	<ul style="list-style-type: none"> <li>• CRJ 100 satisfies part of the college's interdisciplinary requirement.</li> <li>• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students</li> </ul>
ASU 101-CPP: The ASU Experience	1		
CRJ 100: Introduction to Criminal Justice (SB)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Cultural Diversity in the U.S. (C) ( PAF 112 recommended)	3		
Elective	3		
Milestone: Meet with an academic advisor			
Term hours subtotal:	16		
Term 2 16 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 POS 110: American Government and Politics (SB)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 142: College Mathematics (MA)	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Natural Science - Quantitative (SQ)	4		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		
Term 3 32 - 48 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 PAF 200: Public Service and Policy in the 21st Century	3	C	<ul style="list-style-type: none"> <li>• For the Interdisciplinary Requirement: CRJ 100 satisfies part of the college's interdisciplinary requirement. Students must choose one additional class from the areas below to complete the requirement. Students can choose one course from any of the three Interdisciplinary areas/track groups.</li> <li>• Develop your <b>skills</b></li> </ul>
CRJ 201: Criminal Justice Crime Control Policies and Practices	3	C	
ENG 216: Persuasive Writing on Public Issues (L)	3	C	
Interdisciplinary Requirement	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		

Term 4 48 - 63 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 PAF 201: Economics and Public Policy (SB)	3	C	<ul style="list-style-type: none"> <li>• Students can choose one course from any of the three Interdisciplinary areas/track groups.</li> <li>• Explore an <b>internship</b></li> </ul>
COM 225: Public Speaking (L)	3	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Complete 2 courses:	6		
Elective			
Term hours subtotal:	15		

Term 5 63 - 78 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 PAF 311: Leadership and Change (SB)	3	C	<ul style="list-style-type: none"> <li>• Develop your <b>professional online presence</b></li> </ul>
PAF 301: Applied Statistics (CS)	3	C	
POS OR CRJ OR NLM OR JUS OR MGT OR SOC OR SWU OR SGS OR SOS OR HST Elective	3	C	
Complete 2 courses:	6		
Elective			
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 PAF 340: Contemporary Policy Challenges	3	C	<ul style="list-style-type: none"> <li>• Complete an in person or virtual <b>practice interview</b></li> </ul>
PAF 302: Public Service Research Methods	3	C	
CRJ Upper Division Elective	3	C	
Upper Division Elective	3		
Elective	3		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 PAF 460: Public Service Ethics	3	C	<ul style="list-style-type: none"> <li>• Successful completion of PAF 484 will satisfy the college Solution-Based Learning (SBL) Requirement</li> </ul>
 PAF 484: Internship	3	Y	
CRJ Upper Division Elective	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Upper Division Elective	3		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 PAF 400: Senior Capstone Project	3	C	
Complete 3 courses:	9		
Upper Division Elective			
Term hours subtotal:	12		

- For the Interdisciplinary Requirement:

- CRJ 100 satisfies part of the college's interdisciplinary requirement. Students must choose one additional class from the areas below to complete the requirement.
- Students can choose one course from any of the three Interdisciplinary areas/track groups.

For the Solution-Based Learning (SBL) College Requirement:

- Students must complete one SBL course by degree completion.
- Successful completion of PAF 484 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

Interdisciplinary Requirement - Area 1	Interdisciplinary Requirement-Area 2	Interdisciplinary Requirement-Area 3
CRD 302: Inclusive Community Development (SB & C)	SWU 171: Introduction to Social Work (SB & H)	CPP Elective
CRD 471: Interprofessional Education and Community Health	SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C)	
CRD 472: Interprofessional Education and Complex Health	SWU 181: Economics: A Social Issues Perspective	
CRD 473: Interprofessional Education and Comprehensive Systems Health	SWU 182: Social Services Perspective of Government (SB)	
CSM 201: Introduction to Parks, Recreation and Sport Management	SWU 183: Introductory Ethics: A Social Issues Perspectives (HU)	
NLM 160: Voluntary Action and Community Leadership (SB)	SWU 250: Stress Management Tools I (SB)	
NLM 220: Introduction to Nonprofit Organizations	SWU 349: Stress Management Tools II (SB)	
PRM 120: Leisure and the Quality of Life (SB)	SWU 456: Immigrants and Refugees (C)	
PRM 380: Wilderness and Parks in America (SB & H)	SWU 458: Behavioral Health Services	
RTH 364: Foundations of Recreation Therapy (SB)	SWU 459: Spirituality and the Helping Professions	
TDM 205: Introduction to Travel and Tourism (G)	SWU 460: Legal Issues in Social Work	
TDM 458: International Tourism (G)	SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C)	

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum

**General University Requirements Legend**

- General Studies Core Requirements:
- Literacy and Critical Inquiry (L)
  - Mathematical Studies (MA)

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map




### Public Service and Public Policy (Emergency Management and Homeland Security), BS




School/College: [Watts College of Public Service & Community Solut](#)

Location: [Downtown Phoenix](#)



PPPAFEHBS

Term 1 0 - 16 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 SOC 101: Introductory Sociology (SB)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.</li> </ul>
ASU 101-CPP: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Interdisciplinary Requirement	3		
Cultural Diversity in the U.S. (C) ( PAF 112 recommended)	3		
Elective	3		
Milestone: Meet with an academic advisor			
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 POS 110: American Government and Politics (SB)	3	C	
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
MAT 142: College Mathematics (MA)	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Natural Science - Quantitative (SQ)	4		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 32 - 48 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 PAF 200: Public Service and Policy in the 21st Century	3	C	<ul style="list-style-type: none"> <li>For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.</li> <li>Develop your <b>skills</b></li> </ul>
ENG 216: Persuasive Writing on Public Issues (L)	3	C	
Interdisciplinary Requirement	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	3		
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		





Term 4 48 - 63 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 PAF 201: Economics and Public Policy (SB)	3	C	• Explore an <b>internship</b>
COM 225: Public Speaking (L)	3	C	
PAF 261: Hazards and Risk Management	3	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Elective	3		
Term hours subtotal:	15		

Term 5 63 - 78 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 PAF 311: Leadership and Change (SB)	3	C	• Develop your <b>professional online presence</b>
PAF 301: Applied Statistics (CS)	3	C	
PAF 360: Emergency Management I	3	C	
PAF 461: Homeland Security	3	C	
Elective	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 PAF 302: Public Service Research Methods	3	C	• For concentration courses, students must select three courses from the concentration area. • Complete an in person or virtual <b>practice interview</b>
 PAF 340: Contemporary Policy Challenges	3	C	
PAF 363: Technology in Emergency Management	3	C	
<i>Complete 2 courses:</i> Upper Division Emergency Management & Homeland Security Concentration Course	6	C	
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 PAF 460: Public Service Ethics	3	C	• Successful completion of PAF 484 will satisfy the college Solution-Based Learning (SBL) Requirement
 PAF 484: Internship	3	Y	
Upper Division Emergency Management & Homeland Security Concentration Course	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Elective	3		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 PAF 400: Senior Capstone Project	3	C	
Upper Division Elective	3		
<i>Complete 2 courses:</i> Elective	6		
Term hours subtotal:	12		

- For Emergency Management & Homeland Security Concentration courses, students must select three courses from the concentration area.
- For the Interdisciplinary Requirement:
  - o Students can choose courses from any of the four Interdisciplinary areas/track groups.
  - o To meet the requirement, students must take two courses from at least two different groups.
- For the Solution Based Learning (SBL) College Requirement:
  - o PAF 484 satisfies the SBL requirement.
  - o Student must complete one SBL course by degree completion.

Hide Course List(s)/Track Group(s)

Interdisciplinary Requirement-Area 1	Interdisciplinary Requirement - Area 2	Interdisciplinary Requirement-Area 3
CRJ 100: Introduction to Criminal Justice (SB)	CRD 302: Inclusive Community Development (SB & C)	SWU 171: Introduction to Social Work (SB & H)
CRJ 201: Criminal Justice Crime Control Policies and Practices	CRD 471: Interprofessional Education and Community Health	SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C)
CRJ 203: Courts and Sentencing	CRD 472: Interprofessional Education and Complex Health	SWU 181: Economics: A Social Issues Perspective
CRJ 204: Juvenile Justice	CRD 473: Interprofessional Education and Comprehensive Systems Health	SWU 182: Social Services Perspective of Government (SB)
CRJ 230: Introduction to Policing	CSM 201: Introduction to Parks, Recreation and Sport Management	SWU 183: Introductory Ethics: A Social Issues Perspectives (HU)
CRJ 240: Introduction to Corrections	NLM 160: Voluntary Action and Community Leadership (SB)	SWU 250: Stress Management Tools I (SB)
CRJ 260: Criminal Law I: Introduction to Substantive Criminal Law	NLM 220: Introduction to Nonprofit Organizations	SWU 349: Stress Management Tools II (SB)
CRJ 270: Community Justice (SB)	PRM 120: Leisure and the Quality of Life (SB)	SWU 456: Immigrants and Refugees (C)
CRJ 305: Gender, Crime, and Criminal Justice (C)	PRM 380: Wilderness and Parks in America (SB & H)	SWU 458: Behavioral Health Services
CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C)	RTH 364: Foundations of Recreation Therapy (SB)	SWU 459: Spirituality and the Helping Professions
CRJ 309: Criminology (SB)	TDM 205: Introduction to Travel and Tourism (G)	SWU 460: Legal Issues in Social Work
CRJ 350: Law and Social Control (SB)	TDM 458: International Tourism (G)	SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C)
Interdisciplinary Requirement-Area 4	Emergency Management & Homeland Security Concentration	
CPP Elective	CRJ 403: Victims and the Criminal Justice System	
	CRJ 409: Police Accountability	
	CRJ 412: International Terrorism	
	CRJ 417: Cyber Terrorism	
	CRJ 419: Domestic Terrorism	
	CRJ 422: Violence in America	
	PAF 424: Emergency Management II	

PAF 425: National Incident Management  
System (NIMS)

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PAF 468: Planning and Exercises

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**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map

### Public Service and Public Policy (Emergency Management and Homeland Security), BS



School/College: [Watts College of Public Service & Community Solut](#)



Location: [Online ASU Local](#)



PPPAFEHBS

Term 1 - A 0 - 7 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 SOC 101: Introductory Sociology (SB)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students</li> </ul>
ASU 101-CPP: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Term hours subtotal:	7		

Term 1 - B 7 - 13 Credit Hours	Hours	Minimum Grade	Notes
Interdisciplinary Requirement	3		<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> <li>For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.</li> </ul>
Cultural Diversity in the U.S. (C) ( PAF 112 recommended)	3		
Term hours subtotal:	6		

Term 2 - A 13 - 19 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 POS 110: American Government and Politics (SB)	3	C	
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Term hours subtotal:	6		

Term 2 - B 19 - 25 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
MAT 142: College Mathematics (MA)	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	6		

Term 3 - A 25 - 31 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 PAF 200: Public Service and Policy in the 21st Century	3	C	<ul style="list-style-type: none"> <li>For the Interdisciplinary Requirement: Students can choose courses from any of the four</li> </ul>
Interdisciplinary Requirement	3		

Term hours subtotal: 6

Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.

Term 3 - B 31 - 38 Credit Hours <b>Critical course signified by</b> 🚩	Hours	Minimum Grade	Notes
ENG 216: Persuasive Writing on Public Issues (L)	3	C	• Develop your <i>skills</i> .
Natural Science - Quantitative (SQ)	4		
🚩 Complete Mathematics (MA) requirement.			
Term hours subtotal:	7		

Term 4 - A 38 - 44 Credit Hours <b>Critical course signified by</b> 🚩	Hours	Minimum Grade	Notes
🚩 PAF 201: Economics and Public Policy (SB)	3	C	
COM 225: Public Speaking (L)	3	C	
Term hours subtotal:	6		

Term 4 - B 44 - 51 Credit Hours	Hours	Minimum Grade	Notes
PAF 261: Hazards and Risk Management	3	C	
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	7		

Term 5 - A 51 - 57 Credit Hours <b>Necessary course signified by</b> ⭐	Hours	Minimum Grade	Notes
⭐ PAF 311: Leadership and Change (SB)	3	C	• Explore an <i>internship</i> .
⭐ PAF 360: Emergency Management I	3	C	
Term hours subtotal:	6		

Term 5 - B 57 - 63 Credit Hours	Hours	Minimum Grade	Notes
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Elective	3		
Term hours subtotal:	6		

Term 6 - A 63 - 69 Credit Hours <b>Necessary course signified by</b> ⭐	Hours	Minimum Grade	Notes
⭐ PAF 363: Technology in Emergency Management	3	C	
PAF 301: Applied Statistics (CS)	3	C	
Term hours subtotal:	6		

Term 6 - B 69 - 75 Credit Hours <b>Necessary course signified by</b> ⭐	Hours	Minimum Grade	Notes
PAF 302: Public Service Research Methods	3	C	
Upper Division Elective	3		
⭐ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 75 - 81 Credit Hours <b>Necessary course signified by</b> ⭐	Hours	Minimum Grade	Notes
⭐ PAF 461: Homeland Security	3	C	

Elective	3
Term hours subtotal:	6

- Develop your **professional online presence**.

Term 7 - B 81 - 87 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Emergency Management & Homeland Security Concentration Course	3	C	<ul style="list-style-type: none"> <li>• The Solution-Based Learning (SBL) is a college requirement for degree completion. Students should select a course from the list below for a total of 3 credits.</li> </ul>
Solution-Based Learning (SBL) Requirement	3		
Term hours subtotal:	6		

Term 8 - A 87 - 93 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ PAF 340: Contemporary Policy Challenges	3	C	
Elective	3		
Term hours subtotal:	6		

Term 8 - B 93 - 99 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Literacy and Critical Inquiry (L)	3		<ul style="list-style-type: none"> <li>• Complete an in person or virtual <b>practice interview</b>.</li> </ul>
Elective	3		
Term hours subtotal:	6		

Term 9 - A 99 - 105 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ PAF 460: Public Service Ethics	3	C	
Upper Division Emergency Management & Homeland Security Concentration Course	3	C	
Term hours subtotal:	6		

Term 9 - B 105 - 111 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	6		

Term 10 - A 111 - 117 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Emergency Management & Homeland Security Concentration Course	3	C	
Elective	3		
Term hours subtotal:	6		

Term 10 - B 117 - 120 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ PAF 400: Senior Capstone Project	3	C	
Term hours subtotal:	3		

- For Emergency Management & Homeland Security Concentration courses, students must select three courses from the concentration area.
- For the Interdisciplinary Requirement:

- o Students can choose courses from any of the four Interdisciplinary areas/track groups.
- o To meet the requirement, students must take two courses from at least two different groups.
- For the Solution Based Learning (SBL) College Requirement:
  - o Choose one class from the SBL course list.
  - o Student must complete one SBL course by degree completion.

Hide Course List(s)/Track Group(s)

Interdisciplinary Requirement-Area 1	Interdisciplinary Requirement - Area 2	Interdisciplinary Requirement-Area 3
CRJ 100: Introduction to Criminal Justice (SB)	CRD 302: Inclusive Community Development (SB & C)	SWU 171: Introduction to Social Work (SB & H)
CRJ 201: Criminal Justice Crime Control Policies and Practices	CSM 201: Introduction to Parks, Recreation and Sport Management	SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C)
CRJ 203: Courts and Sentencing	PRM 120: Leisure and the Quality of Life (SB)	SWU 181: Economics: A Social Issues Perspective
CRJ 204: Juvenile Justice	PRM 380: Wilderness and Parks in America (SB & H)	SWU 182: Social Services Perspective of Government (SB)
CRJ 230: Introduction to Policing	RTH 364: Foundations of Recreation Therapy (SB)	SWU 183: Introductory Ethics: A Social Issues Perspectives (HU)
CRJ 240: Introduction to Corrections	TDM 205: Introduction to Travel and Tourism (G)	SWU 250: Stress Management Tools I (SB)
CRJ 260: Criminal Law I: Introduction to Substantive Criminal Law	TDM 458: International Tourism (G)	SWU 349: Stress Management Tools II (SB)
CRJ 270: Community Justice (SB)		SWU 456: Immigrants and Refugees (C)
CRJ 305: Gender, Crime, and Criminal Justice (C)		SWU 458: Behavioral Health Services
CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C)		SWU 460: Legal Issues in Social Work
CRJ 309: Criminology (SB)		SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C)
CRJ 350: Law and Social Control (SB)		
Interdisciplinary Requirement-Area 4	Solution-Based Learning (SBL) Requirement	Emergency Management & Homeland Security Concentration
CPP Elective	CPP 350: Community Works	CRJ 403: Victims and the Criminal Justice System
	CPP 353: Community Impact Lab	CRJ 409: Police Accountability
	CRD 435: Service Learning for Community Development	CRJ 412: International Terrorism
	CRJ 394: Comparative Organized Crime	CRJ 417: Cyber Terrorism
	CRJ 394: Taking it to the Streets: Service-Based Learning	CRJ 419: Domestic Terrorism
	CRJ 394: The British Roots of U.S. Criminal Justice	CRJ 422: Violence in America
	CRJ 455: Police and International Terrorism	PAF 424: Emergency Management II
	CRJ 456: Etiology of Martyrdom	PAF 425: National Incident Management System (NIMS)
	PAF 484: Internship	PAF 468: Planning and Exercises
	PRM 145: Special Events Management	
	PRM 203: Program Planning	
	SWU 291: Social Service Delivery Systems	

SWU 394: Ending Homelessness

TDM 345: Meeting and Convention Planning

**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.





## 2023 - 2024 Major Map




### Public Service and Public Policy (Health Policy), BS




School/College: [Watts College of Public Service & Community Solut](#)



Location: [Downtown Phoenix](#)



PPPAFHPBS




Term 1 0 - 16 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 SOC 101: Introductory Sociology (SB)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students</li> <li>For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.</li> </ul>
ASU 101-CPP: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Interdisciplinary Requirement	3		
Elective ( PAF 112 recommended)	3		
Elective	3		
Milestone: Meet with an academic advisor			
Term hours subtotal:	16		




Term 2 16 - 32 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 POS 110: American Government and Politics (SB)	3	C	
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
MAT 142: College Mathematics (MA)	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Natural Science - Quantitative (SQ)	4		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		



Term 3 32 - 48 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 PAF 200: Public Service and Policy in the 21st Century	3	C	<ul style="list-style-type: none"> <li>For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.</li> <li>Develop your <b>skills</b></li> </ul>
ENG 216: Persuasive Writing on Public Issues (L)	3	C	
Interdisciplinary Requirement	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Elective	3		
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		

Term 4 48 - 63 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 PAF 201: Economics and Public Policy (SB)	3	C	• Explore an <b>internship</b>
COM 225: Public Speaking (L)	3	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Complete 2 courses:	6		
Elective			
Term hours subtotal:	15		

Term 5 63 - 78 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 PAF 311: Leadership and Change (SB)	3	C	• Develop your <b>professional online presence</b>
HSC 210: Cultural Aspects of Health (C)	3	C	
PAF 301: Applied Statistics (CS)	3	C	
POS OR CRJ OR NLM OR JUS OR MGT OR SOC OR SWU OR SGS OR SOS OR HST Elective	3	C	
Elective	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 PAF 340: Contemporary Policy Challenges	3	C	• Complete an in person or virtual <b>practice interview</b>
PAF 302: Public Service Research Methods	3	C	
Complete 2 courses:	6	C	
Upper Division Health Policy Concentration Elective			
Elective	3		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 PAF 460: Public Service Ethics	3	C	• Successful completion of PAF 484 will satisfy the college Solution-Based Learning (SBL) Requirement
 PAF 484: Internship	3	Y	
Upper Division Health Policy Concentration Elective	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Upper Division Elective	3		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 PAF 400: Senior Capstone Project	3	C	
Complete 3 courses:	9		
Upper Division Elective			
Term hours subtotal:	12		

- For the Interdisciplinary Requirement:
  - Students can choose courses from any of the four Interdisciplinary areas/track groups.

- To meet the requirement, students must take two courses from at least two different groups.

For the Solution-Based Learning (SBL) College Requirement:

- Students must complete one SBL course by degree completion.
- Successful completion of PAF 484 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

Interdisciplinary Requirement-Area 1	Interdisciplinary Requirement - Area 2	Interdisciplinary Requirement-Area 3
CRJ 100: Introduction to Criminal Justice (SB)	CRD 302: Inclusive Community Development (SB & C)	SWU 171: Introduction to Social Work (SB & H)
CRJ 201: Criminal Justice Crime Control Policies and Practices	CRD 471: Interprofessional Education and Community Health	SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C)
CRJ 203: Courts and Sentencing	CRD 472: Interprofessional Education and Complex Health	SWU 181: Economics: A Social Issues Perspective
CRJ 204: Juvenile Justice	CRD 473: Interprofessional Education and Comprehensive Systems Health	SWU 182: Social Services Perspective of Government (SB)
CRJ 230: Introduction to Policing	CSM 201: Introduction to Parks, Recreation and Sport Management	SWU 183: Introductory Ethics: A Social Issues Perspectives (HU)
CRJ 240: Introduction to Corrections	NLM 160: Voluntary Action and Community Leadership (SB)	SWU 250: Stress Management Tools I (SB)
CRJ 260: Criminal Law I: Introduction to Substantive Criminal Law	NLM 220: Introduction to Nonprofit Organizations	SWU 349: Stress Management Tools II (SB)
CRJ 270: Community Justice (SB)	PRM 120: Leisure and the Quality of Life (SB)	SWU 456: Immigrants and Refugees (C)
CRJ 305: Gender, Crime, and Criminal Justice (C)	PRM 380: Wilderness and Parks in America (SB & H)	SWU 458: Behavioral Health Services
CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C)	RTH 364: Foundations of Recreation Therapy (SB)	SWU 459: Spirituality and the Helping Professions
CRJ 309: Criminology (SB)	TDM 205: Introduction to Travel and Tourism (G)	SWU 460: Legal Issues in Social Work
CRJ 350: Law and Social Control (SB)	TDM 458: International Tourism (G)	SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C)
Interdisciplinary Requirement-Area 4	Upper Division Health Policy Concentration Electives	
CPP Elective	ASB 301: Global History of Health (SB & G & H)	
	HSC 300: Complementary Health Care	
	HSC 310: Health Communication	
	HSC 410: Supporting the Health of Older Adults	
	HSC 412: Health Issues in Later Life	
	HSC 432: Legal Issues in Health Care	
	SOC 424: Women and Health (SB)	
	SOC 427: Sociology of Health and Illness (SB)	

SOS 414: Urban and Environmental Health  
(SB)

TCL 327: Health and Migration (SB)

**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map




### Public Service and Public Policy (Law and Policy), BS




School/College: [Watts College of Public Service & Community Solut](#)

Location: [Downtown Phoenix](#)



PPPAFLPBS

Term 1 0 - 16 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 SOC 101: Introductory Sociology (SB)	3	C	<ul style="list-style-type: none"> <li>• CRJ 100 satisfies part of the college's interdisciplinary requirement.</li> <li>• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students</li> </ul>
ASU 101-CPP: The ASU Experience	1		
CRJ 100: Introduction to Criminal Justice (SB)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Cultural Diversity in the U.S. (C) ( PAF 112 recommended)	3		
Elective	3		
Milestone: Meet with an academic advisor			
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 POS 110: American Government and Politics (SB)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 142: College Mathematics (MA)	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Natural Science - Quantitative (SQ)	4		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		



Term 3 32 - 48 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 PAF 200: Public Service and Policy in the 21st Century	3	C	<ul style="list-style-type: none"> <li>• For the Interdisciplinary Requirement: CRJ 100 satisfies part of the college's interdisciplinary requirement. Students must choose one additional class from the areas below to complete the requirement. Students can choose one course from any of the three Interdisciplinary areas/track groups.</li> <li>• Develop your <b>skills</b></li> </ul>
ENG 216: Persuasive Writing on Public Issues (L)	3	C	
Interdisciplinary Requirement	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Elective	3		
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		

Term 4 48 - 63 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 PAF 201: Economics and Public Policy (SB)	3	C	• Explore an <b>internship</b>
COM 225: Public Speaking (L)	3	C	
CRJ 201: Criminal Justice Crime Control Policies and Practices	3	C	
LAW 210: Introduction to American Legal System and Business Law	3	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Term hours subtotal:	15		

Term 5 63 - 78 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 PAF 311: Leadership and Change (SB)	3	C	• Develop your <b>professional online presence</b>
PAF 301: Applied Statistics (CS)	3	C	
POS OR CRJ OR NLM OR JUS OR MGT OR SOC OR SWU OR SGS OR SOS OR HST Elective	3	C	
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 PAF 340: Contemporary Policy Challenges	3	C	• Complete an in person or virtual <b>practice interview</b>
CRJ 350: Law and Social Control (SB) OR CRJ 410: Criminal Procedure I: The Law of Investigations OR CRJ 470: Discretionary Justice (L or SB) OR LAW Upper Division Elective	3	C	
PAF 302: Public Service Research Methods	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Upper Division Elective	3		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 PAF 460: Public Service Ethics	3	C	• Successful completion of PAF 484 will satisfy the college Solution-Based Learning (SBL) Requirement
 PAF 484: Internship	3	Y	
Complete 2 courses: CRJ 350: Law and Social Control (SB) OR CRJ 410: Criminal Procedure I: The Law of Investigations OR CRJ 470: Discretionary Justice (L or SB) OR LAW Upper Division Elective	6	C	
Upper Division Elective	3		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 PAF 400: Senior Capstone Project	3	C	
Complete 2 courses: Upper Division Elective	6		
Elective	3		
Term hours subtotal:	12		

- For the Interdisciplinary Requirement:
  - CRJ 100 satisfies part of the college's interdisciplinary requirement. Students must choose one additional class from the areas below to complete the requirement.
  - Students can choose one course from any of the three Interdisciplinary areas/track groups.

For the Solution-Based Learning (SBL) College Requirement:

- Students must complete one SBL course by degree completion.
- Successful completion of PAF 484 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

Interdisciplinary Requirement - Area 2	Interdisciplinary Requirement-Area 3	Interdisciplinary Requirement-Area 4
CRD 302: Inclusive Community Development (SB & C)	SWU 171: Introduction to Social Work (SB & H)	CPP Elective
CRD 471: Interprofessional Education and Community Health	SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C)	
CRD 472: Interprofessional Education and Complex Health	SWU 181: Economics: A Social Issues Perspective	
CRD 473: Interprofessional Education and Comprehensive Systems Health	SWU 182: Social Services Perspective of Government (SB)	
CSM 201: Introduction to Parks, Recreation and Sport Management	SWU 183: Introductory Ethics: A Social Issues Perspectives (HU)	
NLM 160: Voluntary Action and Community Leadership (SB)	SWU 250: Stress Management Tools I (SB)	
NLM 220: Introduction to Nonprofit Organizations	SWU 349: Stress Management Tools II (SB)	
PRM 120: Leisure and the Quality of Life (SB)	SWU 456: Immigrants and Refugees (C)	
PRM 380: Wilderness and Parks in America (SB & H)	SWU 458: Behavioral Health Services	
RTH 364: Foundations of Recreation Therapy (SB)	SWU 459: Spirituality and the Helping Professions	
TDM 205: Introduction to Travel and Tourism (G)	SWU 460: Legal Issues in Social Work	
TDM 458: International Tourism (G)	SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C)	

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for**  
**Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.





## 2023 - 2024 Major Map




### Public Service and Public Policy (Nonprofit Leadership and Management), BS




School/College: [Watts College of Public Service & Community Solut](#)



Location: [Downtown Phoenix](#)



PPPANLMBS




Term 1 0 - 16 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 SOC 101: Introductory Sociology (SB)	3	C	<ul style="list-style-type: none"> <li>NLM 160 satisfies part of the college's interdisciplinary requirement.</li> <li>Successful completion of NLM 160 will satisfy the college Solution-Based Learning (SBL) Requirement</li> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students</li> </ul>
ASU 101-CPP: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
NLM 160: Voluntary Action and Community Leadership (SB)	3	C	
Cultural Diversity in the U.S. (C) ( PAF 112 recommended)	3		
Elective	3		
Milestone: Meet with an academic advisor			
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 POS 110: American Government and Politics (SB)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 142: College Mathematics (MA)	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Natural Science - Quantitative (SQ)	4		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 32 - 48 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 PAF 200: Public Service and Policy in the 21st Century	3	C	<ul style="list-style-type: none"> <li>For the Interdisciplinary Requirement: NLM 160 satisfies part of the college's interdisciplinary requirement. Students must choose one additional class from the areas below to complete the requirement. Students can choose one course from any of the three Interdisciplinary areas/track groups.</li> <li>Develop your <b>skills</b></li> </ul>
ENG 216: Persuasive Writing on Public Issues (L)	3	C	
Interdisciplinary Requirement	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Elective	3		
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		

Term 4 48 - 63 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 PAF 201: Economics and Public Policy (SB)	3	C	• Explore an <b>internship</b>
COM 225: Public Speaking (L)	3	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Complete 2 courses:			
Elective	6		
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 5 63 - 78 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 PAF 311: Leadership and Change (SB)	3	C	• Develop your <b>professional online presence</b>
CRD 210: Community Services and Professions	3	C	
NLM 220: Introduction to Nonprofit Organizations	3	C	
PAF 301: Applied Statistics (CS)	3	C	
POS OR CRJ OR NLM OR JUS OR MGT OR SOC OR SWU OR SGS OR SOS OR HST Elective	3	C	
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 PAF 340: Contemporary Policy Challenges	3	C	• Complete an in person or virtual <b>practice interview</b>
NLM 300: Fund Raising and Resource Development	3	C	
PAF 302: Public Service Research Methods	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Upper Division Elective	3		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 PAF 460: Public Service Ethics	3	C	• Successful completion of PAF 484 will satisfy the college Solution-Based Learning (SBL) Requirement
 PAF 484: Internship	3	Y	
NLM 430: Managing Nonprofit Organizations (L) OR NLM 310: Volunteer Management OR NLM 410: Social Entrepreneurship	3	C	
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 PAF 400: Senior Capstone Project	3	C	
Complete 3 courses:			
Upper Division Elective	9		
Term hours subtotal:	12		

- For the Interdisciplinary Requirement:
  - NLM 160 satisfies part of the college's interdisciplinary requirement. Students must choose one additional class from the areas below to complete the requirement.
  - Students can choose one course from any of the three Interdisciplinary areas/track groups.

For the Solution-Based Learning (SBL) College Requirement:

- Students must complete one SBL course by degree completion.
- Successful completion of NLM 160 or PAF 484 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

Interdisciplinary Requirement-Area 1	Interdisciplinary Requirement-Area 2	Interdisciplinary Requirement-Area 3
CRJ 100: Introduction to Criminal Justice (SB)	SWU 171: Introduction to Social Work (SB & H)	CPP Elective
CRJ 201: Criminal Justice Crime Control Policies and Practices	SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C)	
CRJ 203: Courts and Sentencing		
CRJ 204: Juvenile Justice	SWU 181: Economics: A Social Issues Perspective	
CRJ 230: Introduction to Policing	SWU 182: Social Services Perspective of Government (SB)	
CRJ 240: Introduction to Corrections		
CRJ 260: Criminal Law I: Introduction to Substantive Criminal Law	SWU 183: Introductory Ethics: A Social Issues Perspectives (HU)	
CRJ 270: Community Justice (SB)	SWU 250: Stress Management Tools I (SB)	
CRJ 305: Gender, Crime, and Criminal Justice (C)	SWU 349: Stress Management Tools II (SB)	
	SWU 456: Immigrants and Refugees (C)	
CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C)	SWU 458: Behavioral Health Services	
CRJ 309: Criminology (SB)	SWU 459: Spirituality and the Helping Professions	
CRJ 350: Law and Social Control (SB)	SWU 460: Legal Issues in Social Work	
	SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C)	

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map




### Public Service and Public Policy (Parks and Recreation Management), BS




School/College: [Watts College of Public Service & Community Solut](#)



Location: [Downtown Phoenix](#)



PPPAPRMBS




Term 1 0 - 16 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 SOC 101: Introductory Sociology (SB)	3	C	<ul style="list-style-type: none"> <li>• PRM 120 satisfies part of the college's interdisciplinary requirement.</li> <li>• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students</li> </ul>
ASU 101-CPP: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
PRM 120: Leisure and the Quality of Life (SB)	3	C	
Cultural Diversity in the U.S. (C) ( PAF 112 recommended)	3		
Elective	3		
Milestone: Meet with an academic advisor			
Term hours subtotal:	16		




Term 2 16 - 32 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 POS 110: American Government and Politics (SB)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 142: College Mathematics (MA)	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Natural Science - Quantitative (SQ)	4		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		



Term 3 32 - 48 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 PAF 200: Public Service and Policy in the 21st Century	3	C	<ul style="list-style-type: none"> <li>• For the Interdisciplinary Requirement: PRM 120 satisfies part of the college's interdisciplinary requirement. Students must choose one additional class from the areas below to complete the requirement. Students can choose one course from any of the three Interdisciplinary areas/track groups.</li> <li>• Develop your <b>skills</b></li> </ul>
ENG 216: Persuasive Writing on Public Issues (L)	3	C	
Interdisciplinary Requirement	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	3		
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		

Term 4 48 - 63 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 PAF 201: Economics and Public Policy (SB)	3	C	• Explore an <b>internship</b>
COM 225: Public Speaking (L)	3	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Complete 2 courses:	6		
Elective			
Term hours subtotal:	15		

Term 5 63 - 78 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 PAF 311: Leadership and Change (SB)	3	C	• Successful completion of PRM 203 will satisfy the college Solution-Based Learning (SBL) Requirement • Develop your <b>professional online presence</b>
PAF 301: Applied Statistics (CS)	3	C	
PRM 203: Program Planning	3	C	
POS OR CRJ OR NLM OR JUS OR MGT OR SOC OR SWU OR SGS OR SOS OR HST Elective	3	C	
Upper Division Elective	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 PAF 340: Contemporary Policy Challenges	3	C	• Complete an in person or virtual <b>practice interview</b>
PAF 302: Public Service Research Methods	3	C	
PRM 145: Special Events Management OR PRM 315: Creating Community Through Park and Recreation Systems OR PRM 370: Public Lands Management OR PRM 380: Wilderness and Parks in America (SB & H)	3	C	
Complete 2 courses:	6		
Upper Division Elective			
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 PAF 460: Public Service Ethics	3	C	• Successful completion of PAF 484 will satisfy the college Solution-Based Learning (SBL) Requirement
 PAF 484: Internship	3	Y	
PRM 145: Special Events Management OR PRM 315: Creating Community Through Park and Recreation Systems OR PRM 370: Public Lands Management OR PRM 380: Wilderness and Parks in America (SB & H)	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Upper Division Elective	3		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 PAF 400: Senior Capstone Project	3	C	
Complete 3 courses:	9		
Upper Division Elective			
Term hours subtotal:	12		

- For the Interdisciplinary Requirement:
  - PRM 120 satisfies part of the college's interdisciplinary requirement. Students must choose one additional class from the areas below to complete the requirement.
  - Students can choose one course from any of the three Interdisciplinary areas/track groups.

For the Solution-Based Learning (SBL) College Requirement:

- Students must complete one SBL course by degree completion.
- Successful completion of PRM 203 or PAF 484 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

Interdisciplinary Requirement-Area 1	Interdisciplinary Requirement-Area 2	Interdisciplinary Requirement-Area 3
CRJ 100: Introduction to Criminal Justice (SB)	SWU 171: Introduction to Social Work (SB & H)	CPP Elective
CRJ 201: Criminal Justice Crime Control Policies and Practices	SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C)	
CRJ 203: Courts and Sentencing		
CRJ 204: Juvenile Justice	SWU 181: Economics: A Social Issues Perspective	
CRJ 230: Introduction to Policing	SWU 182: Social Services Perspective of Government (SB)	
CRJ 240: Introduction to Corrections		
CRJ 260: Criminal Law I: Introduction to Substantive Criminal Law	SWU 183: Introductory Ethics: A Social Issues Perspectives (HU)	
CRJ 270: Community Justice (SB)	SWU 250: Stress Management Tools I (SB)	
CRJ 305: Gender, Crime, and Criminal Justice (C)	SWU 349: Stress Management Tools II (SB)	
	SWU 456: Immigrants and Refugees (C)	
CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C)	SWU 458: Behavioral Health Services	
CRJ 309: Criminology (SB)	SWU 459: Spirituality and the Helping Professions	
CRJ 350: Law and Social Control (SB)	SWU 460: Legal Issues in Social Work	
	SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C)	

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**General University Requirements Legend**

General Studies Core Requirements:

**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for**  
**Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.





## 2023 - 2024 Major Map




### Public Service and Public Policy (Science and Technology Policy), BS




School/College: [Watts College of Public Service & Community Solut](#)



Location: [Downtown Phoenix](#)

PPPAFSTBS

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 SOC 101: Introductory Sociology (SB)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students</li> <li>For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.</li> </ul>
ASU 101-CPP: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Interdisciplinary Requirement	3		
Cultural Diversity in the U.S. (C) ( PAF 112 recommended)	3		
Elective	3		
Milestone: Meet with an academic advisor			
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes	
 POS 110: American Government and Politics (SB)	3	C		
ENG 101 or ENG 102: First-Year Composition OR				
ENG 105: Advanced First-Year Composition OR	3	C		
ENG 107 or ENG 108: First-Year Composition				
MAT 142: College Mathematics (MA)	3	C		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3			
Natural Science - Quantitative (SQ)	4			
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).				
Term hours subtotal:	16			


Term 3 32 - 48 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 PAF 200: Public Service and Policy in the 21st Century	3	C	<ul style="list-style-type: none"> <li>For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.</li> <li>Develop your <b>skills</b></li> </ul>
ENG 216: Persuasive Writing on Public Issues (L)	3	C	
Interdisciplinary Requirement	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Elective	3		
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		

Term 4 48 - 63 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 PAF 201: Economics and Public Policy (SB)	3	C	• Explore an <b>internship</b>
COM 225: Public Speaking (L)	3	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Complete 2 courses:	6		
Elective			
Term hours subtotal:	15		

Term 5 63 - 78 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 PAF 311: Leadership and Change (SB)	3	C	• Develop your <b>professional online presence</b>
PAF 301: Applied Statistics (CS)	3	C	
Upper Division Science & Technology Concentration Course	3	C	
POS OR CRJ OR NLM OR JUS OR MGT OR SOC OR SWU OR SGS OR SOS OR HST Elective	3	C	
Elective	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 PAF 340: Contemporary Policy Challenges	3	C	• Complete an in person or virtual <b>practice interview</b>
PAF 302: Public Service Research Methods	3	C	
Complete 2 courses:	6	C	
Upper Division Science & Technology Concentration Course			
Elective	3		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 PAF 460: Public Service Ethics	3	C	• Successful completion of PAF 484 will satisfy the college Solution-Based Learning (SBL) Requirement
 PAF 484: Internship	3	Y	
Upper Division Science & Technology Concentration Course	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Elective	3		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 PAF 400: Senior Capstone Project	3	C	
Complete 3 courses:	9		
Upper Division Elective			
Term hours subtotal:	12		

- For the Interdisciplinary Requirement:
  - Students can choose courses from any of the four Interdisciplinary areas/track groups.

- To meet the requirement, students must take two courses from at least two different groups.

For the Solution-Based Learning (SBL) College Requirement:

- Students must complete one SBL course by degree completion.
- Successful completion of PAF 484 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

Interdisciplinary Requirement-Area 1	Interdisciplinary Requirement - Area 2	Interdisciplinary Requirement-Area 3
CRJ 100: Introduction to Criminal Justice (SB)	CRD 302: Inclusive Community Development (SB & C)	SWU 171: Introduction to Social Work (SB & H)
CRJ 201: Criminal Justice Crime Control Policies and Practices	CRD 471: Interprofessional Education and Community Health	SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C)
CRJ 203: Courts and Sentencing	CRD 472: Interprofessional Education and Complex Health	SWU 181: Economics: A Social Issues Perspective
CRJ 204: Juvenile Justice	CRD 473: Interprofessional Education and Comprehensive Systems Health	SWU 182: Social Services Perspective of Government (SB)
CRJ 230: Introduction to Policing	CSM 201: Introduction to Parks, Recreation and Sport Management	SWU 183: Introductory Ethics: A Social Issues Perspectives (HU)
CRJ 240: Introduction to Corrections	NLM 160: Voluntary Action and Community Leadership (SB)	SWU 250: Stress Management Tools I (SB)
CRJ 260: Criminal Law I: Introduction to Substantive Criminal Law	NLM 220: Introduction to Nonprofit Organizations	SWU 349: Stress Management Tools II (SB)
CRJ 270: Community Justice (SB)	PRM 120: Leisure and the Quality of Life (SB)	SWU 456: Immigrants and Refugees (C)
CRJ 305: Gender, Crime, and Criminal Justice (C)	PRM 380: Wilderness and Parks in America (SB & H)	SWU 458: Behavioral Health Services
CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C)	RTH 364: Foundations of Recreation Therapy (SB)	SWU 459: Spirituality and the Helping Professions
CRJ 309: Criminology (SB)	TDM 205: Introduction to Travel and Tourism (G)	SWU 460: Legal Issues in Social Work
CRJ 350: Law and Social Control (SB)	TDM 458: International Tourism (G)	SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C)
Interdisciplinary Requirement-Area 4	Upper Division Science & Technology Concentration Courses	
CPP Elective	BIO 312: Bioethics (HU)	
	FIS 336: Science and Technology Policy	
	GPH 314: Global Change (HU & G)	
	HON 494: Law, Science, and Technology	
	JUS 334: Science, Technology and Inequality (C)	
	PAF 350: Introduction to Science & Technology Policy	
	POS 300: Contemporary Global Controversies (SB & G)	
	POS 364: National Security, Intelligence, and Terrorism (SB)	

POS 394: Global Environmental Politics

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STS 325: Science, Technology, and Public Policy (SB)

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WST 340: Gender, Science, and Technology (SB)

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**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map




### Public Service and Public Policy (Social Services Delivery), BS




School/College: [Watts College of Public Service & Community Solut](#)

Location: [Downtown Phoenix](#)



PPPAFSSBS

Term 1 0 - 16 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 SOC 101: Introductory Sociology (SB)	3	C	<ul style="list-style-type: none"> <li>• SWU 171 satisfies part of the college's interdisciplinary requirement.</li> <li>• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students</li> </ul>
ASU 101-CPP: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
PHI 101: Introduction to Philosophy (HU)	3	C	
SWU 171: Introduction to Social Work (SB & H)	3	C	
Elective ( PAF 112 recommended)	3		
Milestone: Meet with an academic advisor			
Term hours subtotal:	16		




Term 2 16 - 32 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 POS 110: American Government and Politics (SB)	3	C	
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 142: College Mathematics (MA)	3	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Natural Science - Quantitative (SQ)	4		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		




Term 3 32 - 48 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 PAF 200: Public Service and Policy in the 21st Century	3	C	<ul style="list-style-type: none"> <li>• For the Interdisciplinary Requirement: SWU 171 satisfies part of the college's interdisciplinary requirement. Students must choose one additional class from the areas below to complete the requirement. Students can choose one course from any of the three Interdisciplinary areas/track groups.</li> <li>• Successful completion of SWU 291 will satisfy the college Solution-Based Learning (SBL) Requirement</li> </ul>
ENG 216: Persuasive Writing on Public Issues (L)	3	C	
SWU 291: Social Service Delivery Systems	3	C	
Interdisciplinary Requirement	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		



- Develop your **skills**

Term 4 48 - 63 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 PAF 201: Economics and Public Policy (SB)	3	C	<ul style="list-style-type: none"> <li>• Students can choose one course from any of the three Interdisciplinary areas/track groups.</li> <li>• Explore an <b>internship</b></li> </ul>
COM 225: Public Speaking (L)	3	C	
SWU 295: Foundations of Social Work Practice (SB & C)	3	C	
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

Term 5 63 - 78 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 PAF 311: Leadership and Change (SB)	3	C	<ul style="list-style-type: none"> <li>• Develop your <b>professional online presence</b></li> </ul>
PAF 301: Applied Statistics (CS)	3	C	
SWU 306: Ethics in Social Services (L)	3	C	
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 PAF 340: Contemporary Policy Challenges	3	C	<ul style="list-style-type: none"> <li>• Complete an in person or virtual <b>practice interview</b></li> </ul>
PAF 302: Public Service Research Methods	3	C	
SWU 311: Integrative Social Work Practice	3	C	
SWU 312: Integrative Social Work Practice Skills	3	C	
Elective	3		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 PAF 460: Public Service Ethics	3	C	<ul style="list-style-type: none"> <li>• Successful completion of PAF 484 will satisfy the college Solution-Based Learning (SBL) Requirement</li> </ul>
 PAF 484: Internship	3	Y	
SWU 303: Micro Human Behavior and the Social Environment (L or SB)	3	C	
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 PAF 400: Senior Capstone Project	3	C	
POS OR CRJ OR NLM OR JUS OR MGT OR SOC OR SWU OR SGS OR SOS OR HST Elective	3	C	
Complete 2 courses: Upper Division Elective	6		
Term hours subtotal:	12		

- For the Interdisciplinary Requirement:
  - SWU 171 satisfies part of the college's interdisciplinary requirement. Students must choose one additional class from the areas below to complete the requirement.
  - Students can choose one course from any of the three Interdisciplinary areas/track groups.

For the Solution-Based Learning (SBL) College Requirement:

- Students must complete one SBL course by degree completion.
- Successful completion of SWU 291 or PAF 484 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

Interdisciplinary Requirement-Area 1	Interdisciplinary Requirement - Area 2	Interdisciplinary Requirement-Area 3
CRJ 100: Introduction to Criminal Justice (SB)	CRD 302: Inclusive Community Development (SB & C)	CPP Elective
CRJ 201: Criminal Justice Crime Control Policies and Practices	CRD 471: Interprofessional Education and Community Health	
CRJ 203: Courts and Sentencing	CRD 472: Interprofessional Education and Complex Health	
CRJ 204: Juvenile Justice	CRD 473: Interprofessional Education and Comprehensive Systems Health	
CRJ 230: Introduction to Policing	CSM 201: Introduction to Parks, Recreation and Sport Management	
CRJ 240: Introduction to Corrections	NLM 160: Voluntary Action and Community Leadership (SB)	
CRJ 260: Criminal Law I: Introduction to Substantive Criminal Law	NLM 220: Introduction to Nonprofit Organizations	
CRJ 270: Community Justice (SB)	PRM 120: Leisure and the Quality of Life (SB)	
CRJ 305: Gender, Crime, and Criminal Justice (C)	PRM 380: Wilderness and Parks in America (SB & H)	
CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C)	RTH 364: Foundations of Recreation Therapy (SB)	
CRJ 309: Criminology (SB)	TDM 205: Introduction to Travel and Tourism (G)	
CRJ 350: Law and Social Control (SB)	TDM 458: International Tourism (G)	

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for**  
**Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.





## 2023 - 2024 Major Map




### Public Service and Public Policy (Sustainability), BS




School/College: Watts College of Public Service & Community Solut

Location: Downtown Phoenix

PPPAFSBS

Term 1 0 - 16 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 SOC 101: Introductory Sociology (SB)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students</li> <li>For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.</li> </ul>
ASU 101-CPP: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
SOS 110: Sustainable World (SB)	3	C	
Interdisciplinary Requirement	3		
Cultural Diversity in the U.S. (C) ( PAF 112 recommended)	3		
Milestone: Meet with an academic advisor			
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 POS 110: American Government and Politics (SB)	3	C	
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
MAT 142: College Mathematics (MA)	3	C	
Natural Science - Quantitative (SQ)	4		
Elective	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 32 - 48 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 PAF 200: Public Service and Policy in the 21st Century	3	C	<ul style="list-style-type: none"> <li>For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.</li> <li>Develop your <b>skills</b></li> </ul>
ENG 216: Persuasive Writing on Public Issues (L)	3	C	
Interdisciplinary Requirement	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		

Term 4 48 - 63 Credit Hours Critical course signified by ⚠	Hours	Minimum Grade	Notes
⚠ PAF 201: Economics and Public Policy (SB)	3	C	• Explore an <b>internship</b>
COM 225: Public Speaking (L)	3	C	
SOS 111: Sustainable Cities ((HU or SB) & G)	3	C	
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

Term 5 63 - 78 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PAF 311: Leadership and Change (SB)	3	C	• Develop your <b>professional online presence</b>
PAF 301: Applied Statistics (CS)	3	C	
POS OR CRJ OR NLM OR JUS OR MGT OR SOC OR SWU OR SGS OR SOS OR HST Elective	3	C	
Complete 2 courses: Elective	6		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PAF 340: Contemporary Policy Challenges	3	C	• Complete an in person or virtual <b>practice interview</b>
PAF 302: Public Service Research Methods	3	C	
Complete 2 courses: Upper Division Sustainability Concentration Elective	6	C	
Elective	3		
Term hours subtotal:	15		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			

Term 7 93 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PAF 460: Public Service Ethics	3	C	• Successful completion of PAF 484 will satisfy the college Solution-Based Learning (SBL) Requirement
★ PAF 484: Internship	3	Y	
Upper Division Sustainability Concentration Elective	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Upper Division Elective	3		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PAF 400: Senior Capstone Project	3	C	
Complete 3 courses: Upper Division Elective	9		
Term hours subtotal:	12		

- For the Interdisciplinary Requirement:
  - Students can choose courses from any of the four Interdisciplinary areas/track groups.

- To meet the requirement, students must take two courses from at least two different groups.

For the Solution-Based Learning (SBL) College Requirement:

- Students must complete one SBL course by degree completion.
- Successful completion of PAF 484 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

Interdisciplinary Requirement-Area 1	Interdisciplinary Requirement-Area 2	Interdisciplinary Requirement-Area 3
CRJ 100: Introduction to Criminal Justice (SB)	SWU 171: Introduction to Social Work (SB & H)	CRD 302: Inclusive Community Development (SB & C)
CRJ 201: Criminal Justice Crime Control Policies and Practices	SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C)	CRD 471: Interprofessional Education and Community Health
CRJ 203: Courts and Sentencing	SWU 181: Economics: A Social Issues Perspective	CRD 472: Interprofessional Education and Complex Health
CRJ 204: Juvenile Justice	SWU 182: Social Services Perspective of Government (SB)	CRD 473: Interprofessional Education and Comprehensive Systems Health
CRJ 230: Introduction to Policing	SWU 183: Introductory Ethics: A Social Issues Perspectives (HU)	CSM 201: Introduction to Parks, Recreation and Sport Management
CRJ 240: Introduction to Corrections	SWU 250: Stress Management Tools I (SB)	NLM 160: Voluntary Action and Community Leadership (SB)
CRJ 260: Criminal Law I: Introduction to Substantive Criminal Law	SWU 349: Stress Management Tools II (SB)	NLM 220: Introduction to Nonprofit Organizations
CRJ 270: Community Justice (SB)	SWU 456: Immigrants and Refugees (C)	PRM 120: Leisure and the Quality of Life (SB)
CRJ 305: Gender, Crime, and Criminal Justice (C)	SWU 458: Behavioral Health Services	PRM 380: Wilderness and Parks in America (SB & H)
CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C)	SWU 459: Spirituality and the Helping Professions	RTH 364: Foundations of Recreation Therapy (SB)
CRJ 309: Criminology (SB)	SWU 460: Legal Issues in Social Work	TDM 205: Introduction to Travel and Tourism (G)
CRJ 350: Law and Social Control (SB)	SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C)	TDM 458: International Tourism (G)
Interdisciplinary Requirement-Area 4	Sustainability Concentration Electives	
CPP Elective	SOS 320: Society and Sustainability (L or SB)	
	SOS 321: Policy and Governance in Sustainable Systems	
	SOS 322: International Development and Sustainability	
	SOS 323: Sustainable Urban Dynamics	
	SOS 324: Sustainable Energy Technology and Systems	
	SOS 325: The Economics of Sustainability	
	SOS 326: Sustainable Ecosystems	
	SOS 327: Sustainable Food and Farms	

**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition




General Studies designations listed on the major map are current for the 2023 - 2024 academic year.




## 2023 - 2024 Major Map Recreation Therapy, BS




School/College: [Watts College of Public Service & Community Solut](#)

Location: [Downtown Phoenix](#)



PPRECTBS





Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students</li> <li>For the Interdisciplinary Requirement: SWU 183 (term 3) satisfies part of the college's Interdisciplinary requirement. Students must choose one additional class from the areas below to complete the requirement, Students can choose one course from any of the three Interdisciplinary areas/track groups to meet this requirement.</li> <li>Secure <b>experience</b> to start your 100 career field exploration hours</li> </ul>
 PRM 120: Leisure and the Quality of Life (SB)	3	C	
ASU 101-CPP: The ASU Experience	1		
MAT 142: College Mathematics (MA)	3	C	
PSY 101: Introduction to Psychology (SB)	3	C	
Interdisciplinary Requirement	3		
Milestone: Meet with the Clinical Assistant Professor for Internships to discuss requirement of 100 career field exploration hours.			
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CRD 210: Community Services and Professions	3	C	<ul style="list-style-type: none"> <li>Secure <b>experience</b> to start your 100 career field exploration hours</li> <li>Activate your <b>Handshake account</b> and build out your profile.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
BIO 160: Introduction to Anatomy and Physiology (SQ)	4		
Historical Awareness (H)	3		
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 32 - 48 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 PRM 203: Program Planning	3		<ul style="list-style-type: none"> <li>Successful completion of PRM 203 will satisfy the college Solution-Based Learning (SBL) Requirement</li> <li>Secure <b>experience</b> to continue your 100 career field exploration hours</li> </ul>
BIO 201: Human Anatomy and Physiology I (SG)	4	C	
SWU 183: Introductory Ethics: A Social Issues Perspectives (HU)	3	C	
Computer/Statistics/Quantitative Applications (CS)	3		
Literacy and Critical Inquiry (L) ( COM 225 OR ENG 301 recommended)	3	C	
 Complete Mathematics (MA) requirement.			



Term hours subtotal: 16

Term 4 48 - 62 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CDE 232: Human Development (SB)	3	C	<ul style="list-style-type: none"> <li>Secure <b>volunteer experience</b> to start your 100 career field exploration hours</li> <li>Explore <b>Child Life</b></li> <li>BIO 202 is recommended for students seeking graduate education in health professions</li> </ul>
RTH 284: Recreational Therapy Lab	2-1	C	
Humanities, Arts and Design (HU)	3		
Elective ( BIO 202 recommended)	4		
Elective	2		
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:		14-13	

Term 5 62 - 78 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 CRD 301: Sustainable Communities	3	C	<ul style="list-style-type: none"> <li>Successful completion of CRD 301 will satisfy the college Solution-Based Learning (SBL) Requirement</li> <li>PRM 304 - offered Fall semester only</li> <li>Develop your <b>skills</b></li> <li>Secure <b>experience</b> to continue your 100 career field exploration hours</li> </ul>
 PRM 304: Recreation and Sport Planning and Facilities (L)	3	C	
 RTH 384: Recreational Therapy Practicum	3	C	
EXW 330: Kinesiological Foundations of Movement	4		
RTH 364: Foundations of Recreation Therapy (SB)	3	C	
Term hours subtotal:	16		

Term 6 78 - 93 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 PRM 402: Assessment and Evaluation of Community Services	3	C	<ul style="list-style-type: none"> <li>Successful completion of PRM 402 will satisfy the college Solution-Based Learning (SBL) Requirement</li> <li>Develop your <b>professional online presence</b></li> <li>PRM 400, PRM 406 and RTH 450 - offered Spring semester only</li> <li>Secure <b>experience</b> to continue your 100 career field exploration hours</li> </ul>
 RTH 406: Program Design and Administration in Recreational Therapy	3	C	
CRD 302: Inclusive Community Development (SB & C)	3	C	
RTH 400: Intervention Techniques in Recreational Therapy	3	C	
RTH 450: Therapeutic Recreation and Community Health	3	C	
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 RTH 460: Assessment and Documentation in Recreational Therapy	3	C	<ul style="list-style-type: none"> <li>Use Handshake to research <b>employment/internship opportunities</b></li> <li>RTH 460 - offered Fall semester only</li> <li>Explore <b>Handshake Resources</b> to complete your 100 career field exploration hours</li> </ul>
PSY 366: Psychological Disorders (SB)	3	C	
RTH 413: Leadership and Professional Development in Recreational Therapy	3	C	
Complete 2 courses:			
Therapeutic Recreation Elective	6	C	
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 RTH 463: Senior Internship	12	C	<ul style="list-style-type: none"> <li>Successful completion of RTH 463 will satisfy the college Solution-Based Learning (SBL) Requirement</li> </ul>
Term hours subtotal:	12		

- For the Solution-Based Learning (SBL) College Requirement:
  - Students must complete one SBL course by degree completion.
  - Successful completion of PRM 203, CRD 301, PRM 402, or RTH 463 will satisfy the SBL Requirement.

For the Interdisciplinary Requirement:

- SWU 183 satisfies part of the college's Interdisciplinary requirement. Students must choose one additional class from the areas below to complete the requirement.
- Students can choose one course from any of the three Interdisciplinary areas/track groups to meet this requirement.

Hide Course List(s)/Track Group(s)

Interdisciplinary Requirement-Area 1	Interdisciplinary Requirement-Area 2	Interdisciplinary Requirement-Area 3
CRJ 100: Introduction to Criminal Justice (SB)	PAF 112: Identity, Service and American Democracy (SB & C)	CPP Elective
CRJ 201: Criminal Justice Crime Control Policies and Practices	PAF 200: Public Service and Policy in the 21st Century	
CRJ 203: Courts and Sentencing	PAF 201: Economics and Public Policy (SB)	
CRJ 204: Juvenile Justice	PAF 240: Urban Policy (C)	
CRJ 230: Introduction to Policing	PAF 311: Leadership and Change (SB)	
CRJ 240: Introduction to Corrections	PAF 410: Building Leadership Skills (SB)	
CRJ 260: Criminal Law I: Introduction to Substantive Criminal Law		
CRJ 270: Community Justice (SB)		
CRJ 305: Gender, Crime, and Criminal Justice (C)		
CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C)		
CRJ 309: Criminology (SB)		
CRJ 350: Law and Social Control (SB)		
Therapeutic Recreation Elective (Choose two courses)		
CRD 471: Interprofessional Education and Community Health		
CRD 472: Interprofessional Education and Complex Health		
CRD 473: Interprofessional Education and Comprehensive Systems Health		
DST 101: Introduction to Disability Studies (C)		
NLM 300: Fund Raising and Resource Development		
NLM 310: Volunteer Management		

NLM 451: Grant Writing

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PRM 145: Special Events Management

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PRM 306: Advanced Programming and Facilitation

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PRM 335: Sports and Recreation for Youth Development

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PRM 350: Tourism, Recreation and Sports Marketing

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PRM 380: Wilderness and Parks in America (SB & H)

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PRM 453: Inclusive Community Sport

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RTH 440: Advocacy in Therapeutic Recreation

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RTH 455: Recreational Therapy and Play with Children, Youth and Families

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**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.






## 2023 - 2024 Major Map




### Social Work, **BSW**



School/College: Watts College of Public Service & Community Solut

Location: Downtown Phoenix, West, ASU Sync, ASU at Tucson

PPSWUSWU

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 PSY 101: Introduction to Psychology (SB) OR SOC 101: Introductory Sociology (SB)	3		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students</li> <li>For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.</li> </ul>
 SWU 171: Introduction to Social Work (SB & H)	3	C	
ASU 101-CPP: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
MAT 142: College Mathematics (MA)	3	C	
Interdisciplinary Requirement	3		
Milestone: Meet with an academic advisor			
Term hours subtotal:	16		

Term 2 16 - 33 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 PHI 101: Introduction to Philosophy (HU) OR PHI 105: Intro to Ethics (HU) OR SWU 183: Introductory Ethics: A Social Issues Perspectives (HU)	3		<ul style="list-style-type: none"> <li>Cultural Diversity Sequence - any course that carries the "C - Cultural Diversity in the United States" General Studies designation, will satisfy this requirement.</li> <li><b>ASU Language Placement:</b> Only true beginners are eligible for 101-level courses. All other students are required to take a placement exam, regardless of prior credit earned.</li> <li>By the end of term four, students should have completed the following requirements:               <ol style="list-style-type: none"> <li>ECN 211 or SWU 181</li> <li>PHI 101 or PHI 105 or SWU 183</li> <li>POS 110 or SWU 182</li> </ol> </li> <li>Join a <b>student club</b> or professional organization.</li> </ul>
ECN 211: Macroeconomic Principles (SB) OR SWU 181: Economics: A Social Issues Perspective	3		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Cultural Diversity Sequence OR Second Language: Requirement satisfied through the following: * Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.	4-3		
Natural Science - Quantitative (SQ)	4		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	17-16		

Term 3 33 - 47 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 POS 110: American Government and Politics (SB) OR SWU 182: Social Services Perspective of Government (SB)	3		<ul style="list-style-type: none"> <li>Cultural Diversity Sequence - any course that carries the "C - Cultural Diversity in the</li> </ul>

Cultural Diversity Sequence OR  
 Second Language: Requirement satisfied through the following: 4-3  
 \* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.

Natural Science - Quantitative (SQ) OR Natural Science - General (SG) 4

Elective 3-4

📌 Complete Mathematics (MA) requirement.

Term hours subtotal: 14

Term 4 47 - 62 Credit Hours <b>Critical course signified by</b> 📌	Hours	Minimum Grade	Notes
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📌 SWU 291: Social Service Delivery Systems 3 C

📌 SWU 295: Foundations of Social Work Practice (SB & C) 3 C

Cultural Diversity Sequence OR  
 Second Language: Requirement satisfied through the following: 4-3  
 \* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.

Humanities, Arts and Design (HU) AND Global Awareness (G) 3

Elective 2-3

📌 Complete ECN 211 OR SWU 181 course.

Maintain 2.50 GPA in Major Courses.

Minimum 2.00 GPA ASU Cumulative.

Term hours subtotal: 15

Term 5 62 - 78 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
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★ SWU 302: Human Biology for Social Workers 3

★ SWU 303: Micro Human Behavior and the Social Environment (L or SB) 3 C

★ SWU 340: Macro Human Behavior and the Social Environment (SB) 3 C

★ SWU 374: Diversity and Oppression in a Social Work Context (C) 3 C

Cultural Diversity Sequence OR  
 Second Language: Requirement satisfied through the following: 4-3  
 \* Completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV.

Maintain 3.00 GPA in Major Courses.

Milestone: Apply for Level 1 fingerprint clearance card.

Minimum 2.00 GPA ASU Cumulative.

Term hours subtotal: 16-15

Term 6 78 - 93 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
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★ SWU 306: Ethics in Social Services (L) 3 C

★ SWU 311: Integrative Social Work Practice 3 C

★ SWU 312: Integrative Social Work Practice Skills 3 C

SWU 321: Statistics for Social Workers (CS) 3

Interdisciplinary Requirement 3

United States" General Studies designation, will satisfy this requirement.

- By the end of term four, students should have completed the following requirements:
  1. ECN 211 or SWU 181
  2. PHI 101 or PHI 105 or SWU 183
  3. POS 110 or SWU 182
- Develop your **skills**.

- Cultural Diversity Sequence - any course that carries the "C - Cultural Diversity in the United States" General Studies designation, will satisfy this requirement.
- Successful completion of SWU 291 will satisfy the college Solution-Based Learning (SBL) Requirement

- Students who have already completed a human biology course may take an upper division elective in place of SWU 302. See your advisor for permission.
- Cultural Diversity Sequence - any course that carries the "C - Cultural Diversity in the United States" General Studies designation, will satisfy this requirement.
- Develop your **professional online presence**.

- BSW Advancement includes: Successful completion of SWU 171, SWU 291, SWU 295, SWU 303, SWU 306, SWU 311, SWU 312, SWU 340, SWU 374, and Documented completion of 40 hours human services experience, and

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

★ Milestone: Completion of all lower-division university general studies requirements.

★ Milestone: Submit materials for BSW advancement.

Maintain 3.00 GPA in Major Courses.

Minimum 2.00 GPA ASU Cumulative.

Term hours subtotal: 15

Level 1 Fingerprint Clearance Card, and Signed Standards of Professional and Ethical Behavior form.

- For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.
- Use Handshake to research **employment opportunities**.

Term 7 93 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ SWU 320: Research Methods in Social Work	3	C	<ul style="list-style-type: none"> <li>• Successful completion of SWU 412 will satisfy the college Solution-Based Learning (SBL) Requirement.</li> <li>• Apply for <b>full-time career opportunities</b>.</li> <li>• To maintain BSW Professional Program status, students must sustain an overall GPA of 2.00 and Social Work GPA of 3.00 with no grade lower than a C.</li> </ul>
★ SWU 410: Social Work Practice II	3	C	
★ SWU 412: Field Instruction I	3	C	
★ SWU 413: Field Instruction Seminar	3	C	
★ SWU 432: Social Policy and Services	3	C	
Maintain 3.00 GPA in Major Courses.			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ SWU 411: Social Work Practice III	3	C	<ul style="list-style-type: none"> <li>• Successful completion of SWU 414 will satisfy the college Solution-Based Learning (SBL) Requirement</li> <li>• To maintain BSW Professional Program status, students must sustain an overall GPA of 2.00 and Social Work GPA of 3.00 with no grade lower than a C.</li> <li>• Students select one course from the BSW Area of Interest course list below.</li> </ul>
★ SWU 414: Field Instruction II	3	C	
★ SWU 415: Integrative Field Seminar	3	C	
BSW Area of Interest	3	C	
Maintain 3.00 GPA in Major Courses.			
Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	12		

- For the Interdisciplinary Requirement:
  - Students can choose courses from any of the four Interdisciplinary areas/track groups.
  - To meet the requirement, students must take two courses from at least two different groups.

For the Solution-Based Learning (SBL) College Requirement:

- Students must complete one SBL course by degree completion.
- Successful completion of SWU 291, SWU 412, or SWU 414 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

Interdisciplinary Requirement-Area 1	Interdisciplinary Requirement-Area 2	Interdisciplinary Requirement-Area 3
CRJ 100: Introduction to Criminal Justice (SB)	PAF 112: Identity, Service and American Democracy (SB & C)	CRD 302: Inclusive Community Development (SB & C)
CRJ 201: Criminal Justice Crime Control Policies and Practices	PAF 200: Public Service and Policy in the 21st Century	CRD 471: Interprofessional Education and Community Health
CRJ 203: Courts and Sentencing	PAF 201: Economics and Public Policy (SB)	

CRJ 204: Juvenile Justice	PAF 240: Urban Policy (C)	CRD 472: Interprofessional Education and Complex Health
CRJ 230: Introduction to Policing	PAF 311: Leadership and Change (SB)	CRD 473: Interprofessional Education and Comprehensive Systems Health
CRJ 240: Introduction to Corrections	PAF 410: Building Leadership Skills (SB)	CSM 201: Introduction to Parks, Recreation and Sport Management
CRJ 260: Criminal Law I: Introduction to Substantive Criminal Law		NLM 160: Voluntary Action and Community Leadership (SB)
CRJ 270: Community Justice (SB)		NLM 220: Introduction to Nonprofit Organizations
CRJ 305: Gender, Crime, and Criminal Justice (C)		PRM 120: Leisure and the Quality of Life (SB)
CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C)		PRM 380: Wilderness and Parks in America (SB & H)
CRJ 309: Criminology (SB)		RTH 364: Foundations of Recreation Therapy (SB)
CRJ 350: Law and Social Control (SB)		TDM 205: Introduction to Travel and Tourism (G)
		TDM 458: International Tourism (G)
<b>Interdisciplinary Requirement-Area 4</b>	<b>BSW Area of Interest</b>	
CPP Elective	SWU 416: Domestic Violence and National AmeriCorps Service	
	SWU 417: Technology, Interpersonal Relationships and Abuse	
	SWU 418: Global Violence Against Women	
	SWU 442: Child Welfare Practice	
	SWU 454: Overview of Addictions	
	SWU 456: Immigrants and Refugees (C)	
	SWU 457: Southwest Borderland Immigration Issues (C)	
	SWU 458: Behavioral Health Services	
	SWU 459: Spirituality and the Helping Professions	
	SWU 460: Legal Issues in Social Work	
	SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C)	
	SWU 462: Global Social Welfare (G)	
	SWU 488: Advocacy Strategies	
	SWU 498: Pro-Seminar (L)	

**Notes:**

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- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 3.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.









## 2023 - 2024 Major Map

### Tourism Development and Management, BS



School/College: [Watts College of Public Service & Community Solut](#)


Location: [Downtown Phoenix](#)

PPTDMBS



Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes	
 MAT 142: College Mathematics (MA)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students</li> <li>For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.</li> <li>Secure <b>experience</b> to start your 100 career field exploration hours</li> </ul>	
 PRM 120: Leisure and the Quality of Life (SB)	3	C		
ASU 101-CPP: The ASU Experience	1			
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C		
Interdisciplinary Requirement	3			
Humanities, Arts and Design (HU)	3			
Milestone: Meet with the Clinical Assistant Professor for Internships to discuss requirement of 100 career field exploration hours.				
Term hours subtotal:	16			
Term 2 16 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade		Notes
 TDM 205: Introduction to Travel and Tourism (G)	3	C		<ul style="list-style-type: none"> <li>Secure <b>experience</b> to start your 100 career field exploration hours</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C		
Computer/Statistics/Quantitative Applications (CS)	3			
Natural Science - Quantitative (SQ)	4			
Social-Behavioral Sciences (SB)	3			
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).				
Term hours subtotal:	16			
Term 3 32 - 48 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes	
 CRD 210: Community Services and Professions	3	C	<ul style="list-style-type: none"> <li>For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.</li> <li>Secure <b>experience</b> to continue your 100 career field exploration hours</li> </ul>	
Interdisciplinary Requirement	3			
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4			
Complete 2 courses: Elective	6			
Complete Mathematics (MA) requirement.				



Term hours subtotal: 16

Term 4 48 - 63 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 Tourism Development and Management Electives	3	C	<ul style="list-style-type: none"> <li>Secure <b>experience</b> to continue your 100 career field exploration hours</li> </ul>
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Literacy and Critical Inquiry (L) ( COM 225 OR ENG 301 recommended)	3	C	
Complete 2 courses:			
Elective	6		
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:		15	

Term 5 63 - 78 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 CRD 301: Sustainable Communities	3	C	<ul style="list-style-type: none"> <li>Successful completion of CRD 301 or TDM 372 will satisfy the college Solution-Based Learning (SBL) Requirement</li> <li>Develop your <b>skills</b></li> <li>Secure <b>experience</b> to continue your 100 career field exploration hours</li> </ul>
 TDM 372: Tourism Planning (L)	3	C	
CRD 302: Inclusive Community Development (SB & C)	3	C	
TDM 350: Tourism, Recreation and Sports Marketing	3	C	
Tourism Development and Management Electives	3	C	
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 TDM 402: Assessment and Evaluation of Community Services	3	C	<ul style="list-style-type: none"> <li>Successful completion of TDM 402 will satisfy the college Solution-Based Learning (SBL) Requirement</li> <li>Develop your <b>professional online presence</b></li> <li>Secure <b>experience</b> to continue your 100 career field exploration hours</li> <li>Taking TDM 345 and TDM 356 will yield the <b>Convention Sales and Meeting Planning certificate</b>.</li> </ul>
 TDM 458: International Tourism (G)	3	C	
TDM 480: Sustainable Tourism	3	C	
Tourism Development and Management Electives	3	C	
Elective	3		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:		15	

Term 7 93 - 108 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 CRD 403: Leadership and Professional Development	3	C	<ul style="list-style-type: none"> <li>Use Handshake to research <b>employment opportunities</b></li> <li>Secure <b>experience</b> to complete your 100 career field exploration hours</li> </ul>
TDM 401: Tourism Management	3	C	
Tourism Development and Management Electives	3	C	
Complete 2 courses:			
Upper Division Elective	6		
Term hours subtotal:		15	

Term 8 108 - 120 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 TDM 463: Senior Internship	12	C	<ul style="list-style-type: none"> <li>Successful completion of TDM 463 will satisfy the college Solution-Based Learning (SBL) Requirement</li> </ul>
Term hours subtotal:		12	

- For the Interdisciplinary Requirement:
  - Students can choose courses from any of the four Interdisciplinary areas/track groups.
  - To meet the requirement, students must take two courses from at least two different groups.

For the Solution-Based Learning (SBL) College Requirement:

- Students must complete one SBL course by degree completion.
- Successful completion of CRD 301, TDM 372, TDM 402, or TDM 463 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

Interdisciplinary Requirement-Area 1	Interdisciplinary Requirement-Area 2	Interdisciplinary Requirement - Area 3
CRJ 100: Introduction to Criminal Justice (SB)	PAF 112: Identity, Service and American Democracy (SB & C)	SWU 171: Introduction to Social Work (SB & H)
CRJ 201: Criminal Justice Crime Control Policies and Practices	PAF 200: Public Service and Policy in the 21st Century	SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C)
CRJ 203: Courts and Sentencing	PAF 201: Economics and Public Policy (SB)	SWU 181: Economics: A Social Issues Perspective
CRJ 204: Juvenile Justice	PAF 240: Urban Policy (C)	SWU 182: Social Services Perspective of Government (SB)
CRJ 230: Introduction to Policing	PAF 311: Leadership and Change (SB)	SWU 183: Introductory Ethics: A Social Issues Perspectives (HU)
CRJ 240: Introduction to Corrections	PAF 410: Building Leadership Skills (SB)	SWU 250: Stress Management Tools I (SB)
CRJ 260: Criminal Law I: Introduction to Substantive Criminal Law		SWU 349: Stress Management Tools II (SB)
CRJ 270: Community Justice (SB)		SWU 456: Immigrants and Refugees (C)
CRJ 305: Gender, Crime, and Criminal Justice (C)		SWU 458: Behavioral Health Services
CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C)		SWU 459: Spirituality and the Helping Professions
CRJ 309: Criminology (SB)		SWU 460: Legal Issues in Social Work
CRJ 350: Law and Social Control (SB)		SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C)
Interdisciplinary Requirement-Area 4	Tourism Development and Management Electives	
CPP Elective	CRD Elective	
	CSM Elective ( CSM 201 OR CSM 483 OR CSM 485 recommended)	
	ENG 379: Travel Writing (L)	
	PAF 410: Building Leadership Skills (SB)	
	PRM Elective ( PRM 145 OR PRM 304 OR PRM 470 recommended)	
	NLM Elective	
	TDM 225: Introduction to Resort and Hotel Management	
	TDM 345: Meeting and Convention Planning	



TDM 386: Convention Sales and Management

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TDM 415: Tourism Transportation Systems

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TDM 448: Heritage and Cultural Tourism

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TDM 475: Entrepreneurial Recreation and  
Tourism

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TDM 481: Sustainable Food Management in  
Tourism

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**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map




### Tourism Development and Management (Meetings and Events), BS




School/College: [Watts College of Public Service & Community Solut](#)



Location: [Downtown Phoenix](#)




PPTDMMEBS

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 PRM 120: Leisure and the Quality of Life (SB)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students</li> <li>ASU 101 is for ASU first-year students only and is not required for transfer students</li> </ul>
ASU 101-CPP: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
MAT 142: College Mathematics (MA)	3	C	
Interdisciplinary Requirement	3		
Humanities, Arts and Design (HU)	3		
Milestone: Meet with the Clinical Assistant Professor for Internships to discuss requirement of 100 career field exploration hours.			
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 TDM 205: Introduction to Travel and Tourism (G)	3	C	
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Computer/Statistics/Quantitative Applications (CS)	3		
Natural Science - Quantitative (SQ)	4		
Elective	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		



Term 3 32 - 48 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CRD 210: Community Services and Professions	3	C	<ul style="list-style-type: none"> <li>Secure <b>volunteer experience</b> to start your 100 career field exploration hours</li> </ul>
Interdisciplinary Requirement	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Complete 2 courses:			
Elective	6		
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		

Term 4 48 - 63 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 PRM 203: Program Planning	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Literacy and Critical Inquiry (L) ( COM 225 OR ENG 301 recommended)	3	C	
Social-Behavioral Sciences (SB)	3		
Elective	3		
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 5 63 - 78 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 CRD 301: Sustainable Communities	3	C	<ul style="list-style-type: none"> <li>• Successful completion of CRD 301 will satisfy the college Solution-Based Learning (SBL) Requirement</li> <li>• Develop your <b>skills</b></li> </ul>
 TDM 372: Tourism Planning (L)	3	C	
CRD 302: Inclusive Community Development (SB & C)	3	C	
PRM 145: Special Events Management	3	C	
TDM 350: Tourism, Recreation and Sports Marketing	3	C	
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 PRM 487: Advanced Special Events Management	3	C	<ul style="list-style-type: none"> <li>• Successful completion of TDM 402 will satisfy the college Solution-Based Learning (SBL) Requirement.</li> <li>• Develop your <b>professional online presence</b></li> <li>• PRM 487 is offered in Spring semester only</li> </ul>
 TDM 402: Assessment and Evaluation of Community Services	3	C	
TDM 345: Meeting and Convention Planning	3	C	
Complete 2 courses: TDM Meetings and Events Concentration Elective	6	C	
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 CRD 403: Leadership and Professional Development	3	C	<ul style="list-style-type: none"> <li>• Research <b>employment and internship opportunities</b></li> </ul>
 TDM 458: International Tourism (G)	3	C	
TDM 401: Tourism Management	3	C	
TDM 480: Sustainable Tourism	3	C	
Elective	3		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 TDM 463: Senior Internship	12	C	<ul style="list-style-type: none"> <li>• Successful completion of TDM 463 will satisfy the college Solution-Based Learning (SBL) Requirement</li> </ul>
Term hours subtotal:	12		

- For the Interdisciplinary Requirement:
  - Students can choose courses from any of the four Interdisciplinary areas/track groups.
  - To meet the requirement, students must take two courses from at least two different groups.

For the Solution-Based Learning (SBL) College Requirement:

- Students must complete one SBL course by degree completion.
- Successful completion of CRD 301, TDM 402, or TDM 463 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

Interdisciplinary Requirement-Area 1	Interdisciplinary Requirement-Area 2	Interdisciplinary Requirement-Area 3
CRJ 100: Introduction to Criminal Justice (SB)	PAF 112: Identity, Service and American Democracy (SB & C)	SWU 171: Introduction to Social Work (SB & H)
CRJ 201: Criminal Justice Crime Control Policies and Practices	PAF 200: Public Service and Policy in the 21st Century	SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C)
CRJ 203: Courts and Sentencing	PAF 201: Economics and Public Policy (SB)	SWU 181: Economics: A Social Issues Perspective
CRJ 204: Juvenile Justice	PAF 240: Urban Policy (C)	SWU 182: Social Services Perspective of Government (SB)
CRJ 230: Introduction to Policing	PAF 311: Leadership and Change (SB)	SWU 183: Introductory Ethics: A Social Issues Perspectives (HU)
CRJ 240: Introduction to Corrections	PAF 410: Building Leadership Skills (SB)	SWU 250: Stress Management Tools I (SB)
CRJ 260: Criminal Law I: Introduction to Substantive Criminal Law		SWU 349: Stress Management Tools II (SB)
CRJ 270: Community Justice (SB)		SWU 456: Immigrants and Refugees (C)
CRJ 305: Gender, Crime, and Criminal Justice (C)		SWU 458: Behavioral Health Services
CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C)		SWU 459: Spirituality and the Helping Professions
CRJ 309: Criminology (SB)		SWU 460: Legal Issues in Social Work
CRJ 350: Law and Social Control (SB)		SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C)
Interdisciplinary Requirement-Area 4	TDM Meetings and Events Concentration Electives (choose two)	
CPP Elective	PRM 422: Special Event Technology and Production	
	PRM 423: Special Event Operations	
	PRM 427: Where's the Money: Special Event Revenue Generation	
	TDM 386: Convention Sales and Management	
	TDM 481: Sustainable Food Management in Tourism	

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and

West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>

- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map




### Tourism Development and Management (Resort and Hotel Leadership), BS




School/College: [Watts College of Public Service & Community Solut](#)



Location: [Downtown Phoenix](#)

PPTDMRBS

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 PRM 120: Leisure and the Quality of Life (SB)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students</li> </ul>
ASU 101-CPP: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
MAT 142: College Mathematics (MA)	3	C	
Humanities, Arts and Design (HU)	3		
Social-Behavioral Sciences (SB)	3		
Milestone: Meet with the Clinical Assistant Professor for Internships to discuss requirement of 100 career field exploration hours.			
Term hours subtotal:	16		

Term 2 16 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 TDM 205: Introduction to Travel and Tourism (G)	3	C	<ul style="list-style-type: none"> <li>For the Interdisciplinary Requirement: PAF 410 satisfies part of the college's Interdisciplinary requirement. Students must choose one additional class from the areas below to complete the requirement. Students can choose one course from any of the three Interdisciplinary areas/track groups to meet this requirement.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Interdisciplinary Requirement Course	3		
Natural Science - Quantitative (SQ)	4		
Elective	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		



Term 3 32 - 48 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CRD 210: Community Services and Professions	3	C	<ul style="list-style-type: none"> <li>Secure <b>volunteer experience</b> to start your 100 career field exploration hours</li> <li>Activate your <b>Handshake account</b> and build out your profile.</li> </ul>
Computer/Statistics/Quantitative Applications (CS)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Complete 2 courses:			
Elective	6		
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		

Term 4 48 - 63 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 TDM 225: Introduction to Resort and Hotel Management	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Literacy and Critical Inquiry (L) ( COM 225 OR ENG 301 recommended)	3	C	
Complete 2 courses: Elective	6		
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 5 63 - 78 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 CRD 301: Sustainable Communities	3	C	<ul style="list-style-type: none"> <li>• Successful completion of CRD 301 or TDM 372 will satisfy the college Solution-Based Learning (SBL) Requirement</li> <li>• Develop your <b>skills</b></li> <li>• Secure <b>experience</b> to continue your 100 career field exploration hours</li> </ul>
 TDM 372: Tourism Planning (L)	3	C	
CRD 302: Inclusive Community Development (SB & C)	3	C	
TDM 350: Tourism, Recreation and Sports Marketing	3	C	
Resort and Hotel Leadership Elective	3	C	
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 TDM 402: Assessment and Evaluation of Community Services	3	C	<ul style="list-style-type: none"> <li>• Successful completion of TDM 402 will satisfy the college Solution-Based Learning (SBL) Requirement</li> <li>• PAF 410 satisfies part of the college's Interdisciplinary requirement.</li> <li>• Develop your <b>professional online presence</b></li> <li>• TDM 481 and TDM 482 - offered Spring semester only</li> <li>• Secure <b>experience</b> to continue your 100 career field exploration hours</li> </ul>
 TDM 481: Sustainable Food Management in Tourism	3	C	
PAF 410: Building Leadership Skills (SB)	3	C	
TDM 482: Sustainable Revenue Management	3	C	
Resort and Hotel Leadership Elective	3	C	
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 CRD 403: Leadership and Professional Development	3	C	<ul style="list-style-type: none"> <li>• Research <b>employment</b> and <b>internship opportunities</b></li> <li>• Secure <b>experience</b> to complete your 100 career field exploration hours</li> </ul>
TDM 401: Tourism Management	3	C	
TDM 458: International Tourism (G)	3	C	
TDM 480: Sustainable Tourism	3	C	
Elective	3		
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 TDM 463: Senior Internship	12	C	<ul style="list-style-type: none"> <li>• Successful completion of TDM 463 will satisfy the college Solution-Based Learning (SBL) Requirement</li> </ul>
Term hours subtotal:	12		

- For the Interdisciplinary Requirement:
  - PAF 410 satisfies part of the college's Interdisciplinary requirement. Students must choose one additional class from the areas below to complete the requirement.
  - Students can choose one course from any of the three Interdisciplinary areas/track groups to meet this requirement.

For the Solution-Based Learning (SBL) College Requirement:

- Students must complete one SBL course by degree completion.
- Successful completion of CRD 301, TDM 372, TDM 402, or TDM 463 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

Interdisciplinary Requirement-Area 1	Interdisciplinary Requirement - Area 2	Interdisciplinary Requirement-Area 3
CRJ 100: Introduction to Criminal Justice (SB)	SWU 171: Introduction to Social Work (SB & H)	CPP Elective
CRJ 201: Criminal Justice Crime Control Policies and Practices	SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C)	
CRJ 203: Courts and Sentencing		
CRJ 204: Juvenile Justice	SWU 181: Economics: A Social Issues Perspective	
CRJ 230: Introduction to Policing	SWU 182: Social Services Perspective of Government (SB)	
CRJ 240: Introduction to Corrections		
CRJ 260: Criminal Law I: Introduction to Substantive Criminal Law	SWU 183: Introductory Ethics: A Social Issues Perspectives (HU)	
CRJ 270: Community Justice (SB)	SWU 250: Stress Management Tools I (SB)	
CRJ 305: Gender, Crime, and Criminal Justice (C)	SWU 349: Stress Management Tools II (SB)	
	SWU 456: Immigrants and Refugees (C)	
CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C)	SWU 458: Behavioral Health Services	
CRJ 309: Criminology (SB)	SWU 459: Spirituality and the Helping Professions	
CRJ 350: Law and Social Control (SB)	SWU 460: Legal Issues in Social Work	
	SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C)	
<b>Resort and Hotel Leadership Electives</b>		
LES 305: Business Law and Ethics for Managers		
MGT 380: Management and Strategy for Nonmajors		
PRM 145: Special Events Management		
PRM 475: Entrepreneurial Recreation and Tourism		
TDM 345: Meeting and Convention Planning		
TDM 386: Convention Sales and Management		

**Notes:**

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- - **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
  - **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map




### Tourism Development and Management (Sustainable Tourism), BS




School/College: [Watts College of Public Service & Community Solut](#)

Location: [Downtown Phoenix](#)



PPTDMSBS

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 PRM 120: Leisure and the Quality of Life (SB)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students</li> <li>ASU 101 is for ASU first-year students only and is not required for transfer students</li> <li>For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.</li> </ul>
ASU 101-CPP: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
MAT 142: College Mathematics (MA)	3	C	
Interdisciplinary Requirement	3		
Humanities, Arts and Design (HU)	3		
Milestone: Meet with the Clinical Assistant Professor for Internships to discuss requirement of 100 career field exploration hours.			
Term hours subtotal:	16		




Term 2 16 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 TDM 205: Introduction to Travel and Tourism (G)	3	C	
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Computer/Statistics/Quantitative Applications (CS)	3		
Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		

Term 3 32 - 48 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 CRD 210: Community Services and Professions	3	C	<ul style="list-style-type: none"> <li>For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.</li> <li>Secure <b>volunteer experience</b> to start your 100 career field exploration hours</li> </ul>
Interdisciplinary Requirement	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Complete 2 courses:			
Elective	6		
 Complete Mathematics (MA) requirement.			





Term hours subtotal: 16

Term 4 48 - 63 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 SOS 100: Introduction to Sustainability (G)	3	C	
Sustainable Tourism Elective	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Literacy and Critical Inquiry (L) ( COM 225 OR ENG 301 recommended)	3	C	
Elective	3		
Minimum 2.50 GPA ASU Cumulative.			


Term hours subtotal: 15

Term 5 63 - 78 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 CRD 301: Sustainable Communities	3	C	<ul style="list-style-type: none"> <li>• Successful completion of CRD 301 or TDM 372 will satisfy the college Solution-Based Learning (SBL) Requirement</li> <li>• Develop your <b>skills</b></li> </ul>
 TDM 372: Tourism Planning (L)	3	C	
CRD 302: Inclusive Community Development (SB & C)	3	C	
SOS 300: Advanced Concepts and Integrated Approaches in Sustainability	3	C	
TDM 350: Tourism, Recreation and Sports Marketing	3	C	



Term hours subtotal: 15

Term 6 78 - 93 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 TDM 402: Assessment and Evaluation of Community Services	3	C	<ul style="list-style-type: none"> <li>• Successful completion of TDM 402 will satisfy the college Solution-Based Learning (SBL) Requirement</li> <li>• Develop your <b>professional online presence</b></li> <li>• TDM 481 - offered Spring semester only</li> </ul>
 TDM 481: Sustainable Food Management in Tourism	3	C	
TDM 448: Heritage and Cultural Tourism	3	C	
TDM 458: International Tourism (G)	3	C	
Sustainable Tourism Elective	3	C	
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			

Term hours subtotal: 15

Term 7 93 - 108 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 CRD 403: Leadership and Professional Development	3	C	<ul style="list-style-type: none"> <li>• Research <b>employment</b> and <b>internship</b> opportunities</li> </ul>
TDM 401: Tourism Management	3	C	
TDM 480: Sustainable Tourism	3	C	
Complete 2 courses: Elective	6		

Term hours subtotal: 15

Term 8 108 - 120 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 TDM 463: Senior Internship	12	C	<ul style="list-style-type: none"> <li>• Successful completion of TDM 463 will satisfy the college Solution-Based Learning (SBL) Requirement</li> </ul>
Term hours subtotal:	12		

- For the Interdisciplinary Requirement:
  - Students can choose courses from any of the four Interdisciplinary areas/track groups.
  - To meet the requirement, students must take two courses from at least two different groups.

For the Solution-Based Learning (SBL) College Requirement:

- Students must complete one SBL course by degree completion.
- Successful completion of CRD 301, TDM 372, TDM 402, or TDM 463 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

Interdisciplinary Requirement-Area 1	Interdisciplinary Requirement-Area 2	Interdisciplinary Requirement - Area 3
CRJ 100: Introduction to Criminal Justice (SB)	PAF 112: Identity, Service and American Democracy (SB & C)	SWU 171: Introduction to Social Work (SB & H)
CRJ 201: Criminal Justice Crime Control Policies and Practices	PAF 200: Public Service and Policy in the 21st Century	SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C)
CRJ 203: Courts and Sentencing	PAF 201: Economics and Public Policy (SB)	SWU 181: Economics: A Social Issues Perspective
CRJ 204: Juvenile Justice	PAF 240: Urban Policy (C)	SWU 182: Social Services Perspective of Government (SB)
CRJ 230: Introduction to Policing	PAF 311: Leadership and Change (SB)	SWU 183: Introductory Ethics: A Social Issues Perspectives (HU)
CRJ 240: Introduction to Corrections	PAF 410: Building Leadership Skills (SB)	SWU 250: Stress Management Tools I (SB)
CRJ 260: Criminal Law I: Introduction to Substantive Criminal Law		SWU 349: Stress Management Tools II (SB)
CRJ 270: Community Justice (SB)		SWU 456: Immigrants and Refugees (C)
CRJ 305: Gender, Crime, and Criminal Justice (C)		SWU 458: Behavioral Health Services
CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C)		SWU 459: Spirituality and the Helping Professions
CRJ 309: Criminology (SB)		SWU 460: Legal Issues in Social Work
CRJ 350: Law and Social Control (SB)		SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C)
Interdisciplinary Requirement-Area 4	Sustainable Tourism Electives	
CPP Elective	PRM 370: Public Lands Management	
	PRM 470: Environmental Communication	
	TDM 225: Introduction to Resort and Hotel Management	
	TDM 415: Tourism Transportation Systems	
	TDM 475: Entrepreneurial Recreation and Tourism	
	TDM 482: Sustainable Revenue Management	
	TDM 483: Sports Tourism	

**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.









## 2023 - 2024 Major Map



### Tourism and Recreation Management, BS

School/College: [Watts College of Public Service & Community Solut](#)



Location: [Online ASU Local](#)




PPTRMBS



Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 PRM 120: Leisure and the Quality of Life (SB)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students</li> </ul>
ASU 101-CPP: The ASU Experience	1		
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Term hours subtotal:	7		
Term 1 - B 7 - 14 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR			<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> </ul>
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	7		
Term 2 - A 14 - 20 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 PRM 210: Leisure Delivery Systems	3	C	
MAT 142: College Mathematics (MA)	3	C	
Term hours subtotal:	6		
Term 2 - B 20 - 27 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
Humanities, Arts and Design (HU)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	7		
Term 3 - A 27 - 33 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 TDM 205: Introduction to Travel and Tourism (G)	3	C	<ul style="list-style-type: none"> <li>Secure <b>volunteer experience</b> to start your 200 career field exploration hours</li> </ul>
Computer/Statistics/Quantitative Applications (CS)	3		
Term hours subtotal:	6		
		Minimum	


Term 3 - B 33 - 39 Credit Hours <b>Critical course signified by</b> 	Hours	Grade	Notes
Humanities, Arts and Design (HU)	3		<ul style="list-style-type: none"> <li>Consider combining your electives into one of the online minors. Suggestions include:               <ul style="list-style-type: none"> <li>anthropology</li> <li>business</li> <li>organizational leadership</li> <li>sociology</li> <li>sustainability</li> </ul> </li> </ul>
Elective	3		
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	6		

Term 4 - A 39 - 45 Credit Hours	Hours	Minimum Grade	Notes
Interdisciplinary Requirement	3		<ul style="list-style-type: none"> <li>For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.</li> </ul>
Literacy and Critical Inquiry (L) ( COM 225 OR ENG 301 recommended)	3	C	
Term hours subtotal:	6		

Term 4 - B 45 - 51 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 PRM 203: Program Planning	3	C	<ul style="list-style-type: none"> <li>Successful completion of PRM 203 will satisfy the college Solution-Based Learning (SBL) Requirement</li> <li>For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.</li> </ul>
Interdisciplinary Requirement	3		
Term hours subtotal:	6		

Term 5 - A 51 - 57 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 CRD 302: Inclusive Community Development (SB & C)	3	C	<ul style="list-style-type: none"> <li>Develop your <i>skills</i></li> </ul>
 PRM 380: Wilderness and Parks in America (SB & H)	3	C	
Term hours subtotal:	6		

Term 5 - B 57 - 63 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 Emphasis Core Course	3	C	<ul style="list-style-type: none"> <li>Students select one emphasis area below and choose core courses and emphasis electives from the same area. Students must select one of the following four emphases:               <ul style="list-style-type: none"> <li>events</li> <li>tourism</li> <li>recreation</li> <li>sport</li> </ul> </li> </ul>
Elective	3		
Term hours subtotal:	6		

Term 6 - A 63 - 69 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 Emphasis Core Course	3	C	
CRD 350: Tourism, Recreation and Sports Marketing	3	C	

Term hours subtotal: 6

- Students select one emphasis area below and choose core courses and emphasis electives from the same area.

Term 6 - B 69 - 75 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ PRM 310: Volunteer Management	3	C	<ul style="list-style-type: none"> <li>• Core and elective courses for each emphasis are shown at the bottom of the major map.</li> </ul>
Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 75 - 81 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Literacy and Critical Inquiry (L)	3		<ul style="list-style-type: none"> <li>• Develop your professional online presence</li> </ul>
Elective	3		
Term hours subtotal:	6		

Term 7 - B 81 - 87 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Emphasis Elective Course	3	C	<ul style="list-style-type: none"> <li>• Students select one emphasis area below and choose core courses and emphasis electives from the same area.</li> </ul>
Elective	3		
Term hours subtotal:	6		

Term 8 - A 87 - 93 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Emphasis Core Course	3	C	<ul style="list-style-type: none"> <li>• Successful completion of CRD 402 will satisfy the college Solution-Based Learning (SBL) Requirement.</li> <li>• Students select one emphasis area below and choose core courses and emphasis electives from the same area.</li> </ul>
CRD 402: Assessment and Evaluation of Community Services	3	C	
Term hours subtotal:	6		

Term 8 - B 93 - 99 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CRD 401: Managing Leisure Enterprises	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		

Term 9 - A 99 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ CRD 403: Leadership and Professional Development	3	C	Use Handshake to research employment and internship opportunities
★ Upper Division Emphasis Elective Course	3	C	
Term hours subtotal:	6		

Term 9 - B 105 - 111 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ Upper Division Emphasis Elective Course	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		


Term 10 - A 111 - 114 Credit Hours	Hours	Minimum Grade	Notes



Upper Division Elective	3
Term hours subtotal:	3

- Students select one emphasis area below and choose core courses and emphasis electives from the same area.

Term 10 - B 114 - 120 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
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 PRM 484: Internship or TDM 484: Internship or CSM 484: Internship OR CRD 435: Service Learning for Community Development AND Additional Emphasis Elective	6	C	
Term hours subtotal:	6		

- PRM 484, TDM 484, CSM 484, or CRD 435 offered as a C Session course.
- Successful completion of PRM 484, TDM 484, CSM 484, or CRD 435 will satisfy the college Solution-Based Learning (SBL) Requirement

- For the Interdisciplinary Requirement:

- Students can choose courses from any of the four Interdisciplinary areas/track groups.
- To meet the requirement, students must take two courses from at least two different groups.

For the Solution-Based Learning (SBL) College Requirement:

- Students must complete one SBL course by degree completion.
- Successful completion of PRM 203, CRD 402, TDM 484, PRM 484, CSM 484 or CRD 435 will satisfy the SBL requirement.

Hide Course List(s)/Track Group(s)

Interdisciplinary Requirement-Area 1	Interdisciplinary Requirement-Area 2	Interdisciplinary Requirement-Area 3
CRJ 100: Introduction to Criminal Justice (SB)	PAF 200: Public Service and Policy in the 21st Century	SWU 171: Introduction to Social Work (SB & H)
CRJ 201: Criminal Justice Crime Control Policies and Practices	PAF 201: Economics and Public Policy (SB)	SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C)
CRJ 203: Courts and Sentencing	PAF 311: Leadership and Change (SB)	SWU 181: Economics: A Social Issues Perspective
CRJ 204: Juvenile Justice	PAF 410: Building Leadership Skills (SB)	SWU 182: Social Services Perspective of Government (SB)
CRJ 230: Introduction to Policing		SWU 183: Introductory Ethics: A Social Issues Perspectives (HU)
CRJ 240: Introduction to Corrections		SWU 250: Stress Management Tools I (SB)
CRJ 260: Criminal Law I: Introduction to Substantive Criminal Law		SWU 349: Stress Management Tools II (SB)
CRJ 270: Community Justice (SB)		SWU 456: Immigrants and Refugees (C)
CRJ 305: Gender, Crime, and Criminal Justice (C)		SWU 458: Behavioral Health Services
CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C)		SWU 460: Legal Issues in Social Work
CRJ 309: Criminology (SB)		SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C)
CRJ 350: Law and Social Control (SB)		

Interdisciplinary Requirement-Area 4	Events Emphasis Core Courses (grade of "C" required)	Events Emphasis Elective Courses (choose 3 courses; grade of "C" required)
CPP Elective	PRM 145: Special Events Management	CSM 483: Sports Tourism
	PRM 427: Where's the Money: Special Event Revenue Generation	CSM 485: Sports Events
	PRM 487: Advanced Special Events Management	PRM 475: Entrepreneurial Recreation and Tourism
	TDM 345: Meeting and Convention Planning	TDM 345: Meeting and Convention Planning
		TDM 386: Convention Sales and Management
Recreation Emphasis Core Courses (grade of "C" required)	Recreation Emphasis Elective Courses (choose 3 courses; grade of "C" required)	Sport Emphasis Core Courses (grade of "C" required)
PRM 201: Introduction to Parks, Recreation and Sport Management	GIS 494: GIS Methods for Non-Majors	CSM 201: Introduction to Parks, Recreation and Sport Management
PRM 453: Inclusive Community Sport	PRM 145: Special Events Management	CSM 453: Inclusive Community Sport
PRM 475: Entrepreneurial Recreation and Tourism	PRM 485: Sports Events	CSM 483: Sports Tourism
RTH 364: Foundations of Recreation Therapy (SB)	PRM 487: Advanced Special Events Management	CSM 485: Sports Events
	RTH 450: Therapeutic Recreation and Community Health	
	RTH 455: Recreational Therapy and Play with Children, Youth and Families	
	TDM 345: Meeting and Convention Planning	
	TDM 448: Heritage and Cultural Tourism	
	TDM 480: Sustainable Tourism	
Sport Emphasis Elective Courses (choose 3 courses; grade of "C" required)	Tourism Emphasis Core Course (grade of "C" required)	Tourism Emphasis Elective Courses (choose 3 courses; grade of "C" required)
PRM 145: Special Events Management	TDM 225: Introduction to Resort and Hotel Management	PRM 145: Special Events Management
PRM 487: Advanced Special Events Management	TDM 458: International Tourism (G)	TDM 345: Meeting and Convention Planning
TDM 458: International Tourism (G)	TDM 480: Sustainable Tourism	TDM 386: Convention Sales and Management
TDM 475: Entrepreneurial Recreation and Tourism		TDM 448: Heritage and Cultural Tourism
TDM 345: Meeting and Convention Planning		TDM 475: Entrepreneurial Recreation and Tourism
RTH 364: Foundations of Recreation Therapy (SB)		TDM 483: Sports Tourism

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for**  
**Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.








## 2023 - 2024 Major Map

### Urban and Metropolitan Studies, BS




School/College: [Watts College of Public Service & Community Solut](#)



Location: [Downtown Phoenix](#)





PPURBBS




Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students</li> <li>For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.</li> </ul>
ASU 101-CPP: The ASU Experience	1		
Interdisciplinary Requirement	3		
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Social-Behavioral Sciences (SB)	3		
Elective	3		
Milestone: Meet with an academic advisor			
Term hours subtotal:	16		
Term 2 16 - 32 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>For the Interdisciplinary Requirement: Students can choose courses from any of the four Interdisciplinary areas/track groups. To meet the requirement, students must take two courses from at least two different groups.</li> </ul>
MAT 142: College Mathematics (MA)	3		
Interdisciplinary Requirement	3		
Natural Science - Quantitative (SQ)	4		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		
Term 3 32 - 48 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 PAF 220: Introduction to Urban America	3	C	<ul style="list-style-type: none"> <li>Develop your skills</li> </ul>
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Social-Behavioral Sciences (SB)	3		
Complete 2 courses:			
Elective	6		
 Complete Mathematics (MA) requirement.			

Term hours subtotal: 16

Term 4 48 - 63 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 PAF 240: Urban Policy (C)	3	C	• Explore an <a href="#">internship</a>
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Literacy and Critical Inquiry (L)	3		
Complete 2 courses: Elective	6		
 Minimum 2.00 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 5 63 - 78 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
 PAF 351: Urban and Metropolitan Studies	3	C	• Develop your <a href="#">professional online presence</a>
PAF 301: Applied Statistics (CS)	3	C	
Complete 2 courses: POS OR PUP OR GPH OR GCU OR MGT OR PAF OR HST OR SBS OR SOS OR SOC OR WST OR TWC OR COM OR CRJ OR SWU OR NLM OR TDM OR PRM OR ASB Elective	6	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Term hours subtotal:	15		

Term 6 78 - 93 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
 PAF 302: Public Service Research Methods	3	C	• Complete an in person or virtual <a href="#">practice interview</a>
 PAF 305: Urban Governance	3	C	
POS OR PUP OR GPH OR GCU OR MGT OR HST OR SBS OR SOS OR ASB OR SOC OR WST OR TWC OR COM OR CRJ OR SWU OR NLM OR TDM OR PRM OR PAF Upper Division Elective	3	C	
POS OR PUP OR GPH OR GCU OR MGT OR PAF OR HST OR SBS OR SOS OR SOC OR WST OR TWC OR COM OR CRJ OR SWU OR NLM OR TDM OR PRM OR ASB Elective	3	C	
Elective	3		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
 PAF 352: Urban Theory	3	C	• Successful completion of PAF 484 will satisfy the college Solution-Based Learning (SBL) Requirement
 PAF 484: Internship	3	Y	
PAF 410: Building Leadership Skills (SB)	3	C	
Complete 2 courses: POS OR PUP OR GPH OR GCU OR MGT OR HST OR SBS OR SOS OR ASB OR SOC OR WST OR TWC OR COM OR CRJ OR SWU OR NLM OR TDM OR PRM OR PAF Upper Division Elective	6	C	
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
 PAF 400: Senior Capstone Project	3	C	

POS OR PUP OR GPH OR GCU OR MGT OR HST OR SBS OR SOS  
 OR ASB OR SOC OR WST OR TWC OR COM OR CRJ OR SWU OR  
 NLM OR TDM OR PRM OR PAF Upper Division Elective 3 C

Complete 2 courses: 6  
 Upper Division Elective

Term hours subtotal: 12

- For the Interdisciplinary Requirement:
  - Students can choose courses from any of the four Interdisciplinary areas/track groups.
  - To meet the requirement, students must take two courses from at least two different groups.

For the Solution-Based Learning (SBL) College Requirement:

- Students must complete one SBL course by degree completion.
- Successful completion of PAF 484 will satisfy the SBL Requirement.

Hide Course List(s)/Track Group(s)

Interdisciplinary Requirement-Area 1	Interdisciplinary Requirement - Area 2	Interdisciplinary Requirement-Area 3
CRJ 100: Introduction to Criminal Justice (SB)	CRD 302: Inclusive Community Development (SB & C)	SWU 171: Introduction to Social Work (SB & H)
CRJ 201: Criminal Justice Crime Control Policies and Practices	CRD 471: Interprofessional Education and Community Health	SWU 180: Introduction to Lesbian, Gay, Bisexual and Transgender (LGBT) Studies (SB & C)
CRJ 203: Courts and Sentencing	CRD 472: Interprofessional Education and Complex Health	SWU 181: Economics: A Social Issues Perspective
CRJ 204: Juvenile Justice	CRD 473: Interprofessional Education and Comprehensive Systems Health	SWU 182: Social Services Perspective of Government (SB)
CRJ 230: Introduction to Policing	CSM 201: Introduction to Parks, Recreation and Sport Management	SWU 183: Introductory Ethics: A Social Issues Perspectives (HU)
CRJ 240: Introduction to Corrections	NLM 160: Voluntary Action and Community Leadership (SB)	SWU 250: Stress Management Tools I (SB)
CRJ 260: Criminal Law I: Introduction to Substantive Criminal Law	NLM 220: Introduction to Nonprofit Organizations	SWU 349: Stress Management Tools II (SB)
CRJ 270: Community Justice (SB)	PRM 120: Leisure and the Quality of Life (SB)	SWU 456: Immigrants and Refugees (C)
CRJ 305: Gender, Crime, and Criminal Justice (C)	PRM 380: Wilderness and Parks in America (SB & H)	SWU 458: Behavioral Health Services
CRJ 306: Race, Ethnicity, Crime, and Criminal Justice (C)	RTH 364: Foundations of Recreation Therapy (SB)	SWU 459: Spirituality and the Helping Professions
CRJ 309: Criminology (SB)	TDM 205: Introduction to Travel and Tourism (G)	SWU 460: Legal Issues in Social Work
CRJ 350: Law and Social Control (SB)	TDM 458: International Tourism (G)	SWU 461: Lesbian, Gay, Bisexual, Transgender, and Queer Issues (C)
Interdisciplinary Requirement-Area 4		
CPP Elective		

Notes:

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- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.

## 2023 - 2024 Major Map



### Applied Science (Early Childhood Studies), **BAS**

School/College: [Mary Lou Fulton Teachers College](#)

Location: [Online ASU Local](#)

TEAPSECBAS

Applicable Community College Prerequisites 0 - 60 Credit Hours	Hours	Minimum Grade	Notes
AAS Degree Transfer Block	60		<ul style="list-style-type: none"> <li>• Students may meet lower division general studies requirements with the AAS degree.</li> <li>• Students must complete all ASU general studies requirements in order to earn ASU BAS degree.</li> <li>• Students should work with their academic advisor to run DARS graduation audit to determine needed general studies requirements.</li> </ul>
Term hours subtotal:	60		

Term 5 - A 60 - 69 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 ECD 327: Becoming a Teacher Leader	3	C	<ul style="list-style-type: none"> <li>• Students must secure an approved ASU work or volunteer placement for upper-division coursework. The MLFTC <b>Office of Professional Experiences (OPE)</b> supports all site placements for students in our college. For students who do not have an existing placement at a site that teaches young children and that meets the requirements of ASU, OPE will help find an appropriate placement.</li> </ul>
FAS 370: Family Ethnic and Cultural Diversity (SB & C)	3	C	
Any needed lower division General Studies requirement OR Elective	3		
Term hours subtotal:	9		

Term 5 - B 69 - 78 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 ECD 310: Applied Early Child Development	3	C	<ul style="list-style-type: none"> <li>• Join a <b>student club</b> or Early Childhood Professional organization (for example, <b>NAEYC</b> or <b>AzAEYC</b>).</li> </ul>
 ECS 312: Social and Emotional Development of the Young Child (SB)	3	C	
Any needed lower division General Studies requirement OR Elective	3		
Term hours subtotal:	9		

Term 6 - A 78 - 87 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 ECS 321: Communication, Language Development, and Emergent Literacy	3	C	<ul style="list-style-type: none"> <li>• Develop your <b>professional online presence</b>.</li> </ul>
CDE 350: Inequality and Diversity in Education (L & C)	3	C	



Any needed lower division General Studies requirement OR Elective 3

Term hours subtotal: 9

Term 6 - B 87 - 96 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ECD 325: Supporting Dual Language Learners	3	C	• Complete an in person or virtual practice interview.
CDE 430: Infant and Toddler Development in the Family (SB)	3	C	
Any needed lower division General Studies requirement OR Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	9		

Term 7 - A 96 - 102 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ECD 322: Cognition and General Knowledge: Science, Math, Logic and Reasoning	3	C	
Any needed lower division General Studies requirement OR Elective	3		
Term hours subtotal:	6		

Term 7 - B 102 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ECS 315: Classroom Organization and Child Guidance	3	C	• Apply for full-time career opportunities.
PAF 410: Building Leadership Skills (SB)	3	C	
Term hours subtotal:	6		

Term 8 - A 108 - 114 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ECS 427: Highly Individualized Teaching and Learning	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		

Term 8 - B 114 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ECD 476: Intentional Teaching	3	C	
★ ECS 430: Systems, Policy, and Advocacy in Early Childhood/Special Education	3	C	
Term hours subtotal:	6		

#### Hide Course List(s)/Track Group(s)

#### Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for**  
**Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 60 maximum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.








## 2023 - 2024 Major Map

### Early Childhood Education, BAE

School/College: [Mary Lou Fulton Teachers College](#)

Location: [Tempe, ASU Sync](#)

TEECDEDBAE

Term 1 0 - 17 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>Students should work with their academic advisor to select the appropriate math course.</li> <li>Join a <b>student club</b> or professional organization.</li> </ul>
 MAT 117: College Algebra (MA) OR MAT 142: College Mathematics (MA)	3	C	
TEL 101: Professional Educator Series: The Student Experience	1		
TEL 111: Exploration of Education (SB)	3	C	
TEL 208: Literacy in a Changing World (HU)	3	C	
Natural Science - Quantitative (SQ)	4	C	
Term hours subtotal:	17		
Term 2 17 - 31 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>Apply for an identify verified print (IVP) <b>fingerprint clearance card</b> online.</li> <li>Your IVP fingerprint card will be needed for professional classroom experiences.</li> </ul>
SCN 202: Sustainability Science Literacy for Engaged Global Citizens (SG & G) OR SCN 208: Nature and Society: An Introduction to Environmental Studies (SG & G)	4	C	
TEL 171: Professional Educator Series: Equity in Education	1		
TEL 212: Understanding the Culturally Diverse Learner (HU & C)	3	C	
TEL 215: Introduction to Child and Adolescent Development (SB)	3	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	14		
Term 3 31 - 44 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 TEL 203: Collaborating, Planning and Implementing Instruction in Diverse Contexts	3	C	<ul style="list-style-type: none"> <li>GCU 113 meets the US and AZ constitution requirements for AZ teacher certification.</li> </ul>
EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	3	C	
MTE 280: Numbers, Operations and Proportional Reasoning for K-8 Teaching	3	C	

TEL 270: Professional Educator Series: Connecting Research to Practice	1
Historical Awareness (H)	3
Complete Mathematics (MA) requirement.	
Term hours subtotal:	13

Term 4 44 - 59 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
⚠ SPE 222: Orientation to Education of Exceptional Children (SB & C)	3	C	<ul style="list-style-type: none"> <li>Students choose a Specialization Area which can be an approved certificate or a personalized interest area. Students select appropriate courses in consult with their academic advisor.</li> </ul>
BLE 220: Foundations of Structured English Immersion (L)	3	C	
TEL 271: Professional Educator Series: Inclusivity in Practice	1		
Complete 3 courses: Specialization Area Course	8	C	
Term hours subtotal:	15		

Term 5 59 - 76 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ TEL 355: Internship: Initial	1	C	<ul style="list-style-type: none"> <li>Students may take TEL 310 and/or TEL 318 in an earlier term or during summer if their schedule allows. Please consult with an academic advisor first.</li> </ul>
ECD 321: Foundations in Language, Literacy and Culture in Early Childhood (L)	3	C	
ECS 310: Foundations in Typical / Atypical Child Development	3	C	
ECS 312: Social and Emotional Development of the Young Child (SB)	3	C	
TEL 310: Instructional Thought and Action: Instructional Design and Planning	3	C	
TEL 318: Instructional Thought and Action: Assessment for Learning	3	C	
TEL 370: Professional Educator Series: Building a Professional Network	1		
Term hours subtotal:	17		

Term 6 76 - 90 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ TEL 366: Internship: Intermediate	1	C	<ul style="list-style-type: none"> <li>Complete an in person or virtual practice interview</li> </ul>
ECD 417: Arts Integration for Young Children	3	C	
MTE 310: Number Sense, Spatial Relationships, and Measurement and Data for Early Childhood Education Teaching	3	C	
TEL 317: Instructional Thought and Action: Learning Environment and Management	3	C	
TEL 331: Foundations of Literacy: The Science of Reading	3	C	
TEL 371: Professional Educator Series: Educational Policies	1		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	14		

Term 7 90 - 105 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ TEL 477: Internship: Advanced	2	C	
ECS 411: Instructional Methodologies for Young Children: STEM	3	C	
ECS 412: Mathematics Curriculum, Instruction and Assessment	3	C	

RDG 413: Literacy Methods of Instruction and Assessment for Diverse Learners	3	C
TEL 340: Families, Communities and Cultures: Cultivating Networks of Culturally Responsive Relationships (SB)	3	C
TEL 470: Professional Educator Series: Career Growth and Planning	1	
Term hours subtotal:	15	

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TEL 488: Student Teaching	11	C	
ECS 430: Systems, Policy, and Advocacy in Early Childhood/Special Education	3	C	
TEL 471: Professional Educator Series: The Principled Educator	1		
Term hours subtotal:	15		

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.



## 2023 - 2024 Major Map



### Education Exploratory

School/College: [Mary Lou Fulton Teachers College](#)

Location: [Polytechnic, Tempe, West](#)

TEEDUEXPL

Term 1 0 - 16 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 MAT 142: College Mathematics (MA)	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>Students should work with their academic advisors to select the appropriate math course.</li> <li>GCU 113 meets the US and AZ constitution requirements for AZ teacher certification.</li> </ul>
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
TEL 101: Professional Educator Series: The Student Experience	1		
TEL 111: Exploration of Education (SB)	3	C	
TEL 208: Literacy in a Changing World (HU)	3	C	
Elective ( GCU 113 recommended)	3		
Term hours subtotal:	16		

Term 2 16 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>Join a <b>student club</b> or professional organization.</li> <li>Apply for an identify verified print (IVP) fingerprint clearance card <a href="#">online</a>.</li> <li>Your IVP fingerprint card will be needed for professional classroom experiences.</li> </ul>
SCN 202: Sustainability Science Literacy for Engaged Global Citizens (SG & G) OR SCN 208: Nature and Society: An Introduction to Environmental Studies (SG & G)	4	C	
TEL 171: Professional Educator Series: Equity in Education	1		
TEL 212: Understanding the Culturally Diverse Learner (HU & C)	3	C	
TEL 215: Introduction to Child and Adolescent Development (SB)	3	C	
Milestone: Students must declare a BAE major upon the completion of 30 credits. Please meet with a Teachers College advisor to declare one of the BAE programs.			
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	14		

Hide Course List(s)/Track Group(s)

**Notes:**

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- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 30

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

### **General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.








## 2023 - 2024 Major Map

### Educational Studies, BAE

School/College: [Mary Lou Fulton Teachers College](#)

Location: [Polytechnic, Tempe, West](#)

EDSLSTBAE

Term 1 0 - 14 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>Select your <b>career interest communities</b> and play <a href="#">me3@ASU</a></li> </ul>
MAT 142: College Mathematics (MA)	3	C	
TEL 101: Professional Educator Series: The Student Experience	1		
TEL 111: Exploration of Education (SB)	3	C	
TEL 208: Literacy in a Changing World (HU)	3	C	
Elective	1		
Term hours subtotal:	14		
Term 2 14 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>Join a <b>student club</b> or professional organization</li> <li>Consider studying abroad. Meet with your advisor for more information.</li> <li>TEL 215 is the preferred course</li> </ul>
CDE 232: Human Development (SB) OR TEL 215: Introduction to Child and Adolescent Development (SB)	3	C	
TEL 212: Understanding the Culturally Diverse Learner (HU & C)	3	C	
Natural Science - Quantitative (SQ)	4		
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		
Term 3 30 - 46 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 TEL 203: Collaborating, Planning and Implementing Instruction in Diverse Contexts	3	C	<ul style="list-style-type: none"> <li>Develop your <b>skills</b></li> <li>Select one track option from options below and complete all courses listed within the same track</li> </ul>
EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	3	C	
Global Awareness (G) AND Historical Awareness (H)	3		
Natural Science - Quantitative (SQ) (SCN 202 recommended)	4	C	
Elective	3		
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	16		



Term 4 46 - 60 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
⚠ SPE 223: Intersection of Society, Disabilities and Inclusion	3	C	<ul style="list-style-type: none"> <li>• Develop your <b>professional online presence</b></li> <li>• Meet with Teachers College Career Coach before the end of the term.</li> </ul>
TEL 200: Social Embeddedness of Educational Endeavors	3	C	
Literacy and Critical Inquiry (L)	3		
<i>Complete 2 courses:</i>	5		
Elective			
Term hours subtotal:	14		

Term 5 60 - 75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ EDU 301: Why Education?	3	C	
★ EDU 302: Diversity in Learning Contexts	3	C	
LSE 303: Human Development: Addressing Learner Capabilities (SB)	3	C	
Educational Studies Track Course	3	C	
Upper Division Elective	3		
Term hours subtotal:	15		

Term 6 75 - 89 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ EDU 304: The Bridge Between Coursework, Identity and Career	2	C	<ul style="list-style-type: none"> <li>• Use Handshake to research <b>employment opportunities</b></li> </ul>
★ EDU 396: Exploring Ideas and Planning for an Internship	3	C	
★ LSE 305: Conceptualizing Learning: Theories in Practice	3	C	
Educational Studies Track Course	3	C	
Upper Division Elective	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	14		

Term 7 89 - 104 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ EDU 484: Internship	3	C	<ul style="list-style-type: none"> <li>• Complete an in-person or virtual <b>practice interview</b></li> <li>• Apply for <b>full-time career opportunities</b></li> </ul>
EDU 402: Partnering to Advance Educational Initiatives (L)	3	C	
LSE 401: Designing Learning Environments for Inclusion (SB)	3		
<i>Complete 2 courses:</i>	6	C	
Educational Studies Track Course			
Term hours subtotal:	15		

Term 8 104 - 120 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ EDU 404: Navigating Change in Educational Innovations	3	C	
★ EDU 498: Pro-Seminar	4	C	
Educational Studies Track Course	3	C	
<i>Complete 2 courses:</i>	6		
Upper Division Elective			
Term hours subtotal:	16		

- Select one track from the options below and complete all courses listed within the same track.

Hide Course List(s)/Track Group(s)

Business	Community Health	Counseling
ACC 382: Accounting and Financial Analysis	HCR 220: Introduction to Health Professions and the U.S. Health Care System (H)	CAP 120: Introduction to Counseling (SB)
ECN 211: Macroeconomic Principles (SB)	HCR 231: Fundamentals of Community Health	CAP 240: Counseling Skills
FIN 380: Personal Financial Management	HCR 331: Communication within Communities	CAP 315: Trauma and Crisis Intervention
MGT 380: Management and Strategy for Nonmajors	HCR 335: Program Development and Management for Community Health	CAP 420: School Counseling
MKT 390: Essentials of Marketing	HCR 435: Leaders in Community Health	CAP Upper Division Elective
Entrepreneurship	Environmental Education	Family and Human Development
ENT 305: Principles of Entrepreneurship	SCN 207: Introduction to Biomimicry or SCN 307: Biomimicry: Nature's Sustainable Solutions (G)	CDE Upper Division Elective
IPI 296: Inquiry (L)	SCN 208: Nature and Society: An Introduction to Environmental Studies (SG & G) or SCN 308: Urban Environmental Education	FAS 101: Personal Growth and Relationships (SB)
MKT 390: Essentials of Marketing	SCN 301: Ecology and Natural History of the Sonoran Desert (SG)	FAS 264: Sociology of Gender (SB & C)
TEM 230: Creativity and Business Innovation	SCN 302: Environmental Education: A Global Perspective (L & G)	FAS 331: Modern Family Relationships (SB)
TWC 347: Written Communication for Managers (L)	SCN 310: Biodiversity Conservation: An Educational Inquiry	FAS 370: Family Ethnic and Cultural Diversity (SB & C)
Global Studies	Health Innovation	Nonprofit Administration
SGS 101: Thinking Globally (SB & G)	HCI 311: Health Innovation: Foundational Concepts	NLM 160: Voluntary Action and Community Leadership (SB)
SGS 204: Professional Global Career Development	HCI 412: Transforming Health Care: A Systems Perspective for Innovation	NLM 220: Introduction to Nonprofit Organizations
SGS 303: Global Trends (SB & G)	HCI 421: Health Care Policy: The Innovator's View	NLM 300: Fund Raising and Resource Development
SGS Lower Division Elective	HCI 425: Facilitating Innovation to Achieve Outcomes	NLM 310: Volunteer Management
SGS Upper Division Elective	HCI 428: Technology: A Tool to Advance Innovation in Health Care	NLM 410: Social Entrepreneurship
Organizational Leadership	Personal Health	Political Science
OGL 200: Introduction to Organizational Leadership (SB)	EXW 325: Fitness for Life	POS 110: American Government and Politics (SB)
OGL 220: Behavioral Dynamics in Organizations (SB)	EXW OR HEP Upper Division Elective	POS 150: Comparative Government (SB & G)
	HEP 303: Human Sexuality for Health Education	POS 210: Political Ideologies (SB)

OGL 340: Organizational Skills	HSC 355: Eating for Lifelong Health (SB)	POS 360: World Politics (SB & G)
OGL 355: Leading Organizational Innovation and Change	NTR 100: Introduction to Nutrition Science	POS Upper Division Elective
PMG 320: Foundations of Project Management		
Recreation Management		
CRD 210: Community Services and Professions		
CRD 302: Inclusive Community Development (SB & C)		
PRM 120: Leisure and the Quality of Life (SB)		
PRM 304: Recreation and Sport Planning and Facilities (L)		
PRM 401: Managing Leisure Enterprises		

**Notes:**

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**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
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**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
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- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.







## 2023 - 2024 Major Map



### Educational Studies, **BAE**



School/College: [Mary Lou Fulton Teachers College](#)

Location: [Online ASU Local](#)



EDSLSTBAE

Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR			
 ENG 105: Advanced First-Year Composition OR	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>Select your <b>career interest communities</b> and play <b>me3@ASU</b>.</li> </ul>
ENG 107 or ENG 108: First-Year Composition			
ASU 101-ONL: The ASU Experience	1		
CDE 232: Human Development (SB) OR TEL 215: Introduction to Child and Adolescent Development (SB)	3	C	
Term hours subtotal:	7		
Term 1 - B 7 - 13 Credit Hours	Hours	Minimum Grade	Notes
TEL 111: Exploration of Education (SB)	3	C	<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> </ul>
TEL 208: Literacy in a Changing World (HU)	3	C	
Term hours subtotal:	6		
Term 2 - A 13 - 20 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR			
 ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	7		
Term 2 - B 20 - 29 Credit Hours	Hours	Minimum Grade	Notes
MAT 142: College Mathematics (MA)	3	C	Consider studying abroad. Meet with your advisor for more information.
TEL 212: Understanding the Culturally Diverse Learner (HU & C)	3	C	
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	9		
Term 3 - A 29 - 35 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 TEL 203: Collaborating, Planning and Implementing Instruction in Diverse Contexts	3	C	<ul style="list-style-type: none"> <li>Develop your <b>skills</b></li> </ul>
Global Awareness (G) AND Historical Awareness (H)	3		
Term hours subtotal:	6		

Term 3 - B 35 - 44 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	3	C	<ul style="list-style-type: none"> <li>Select one track option from options below and complete all courses listed within the same track</li> </ul>
Complete 2 courses:	6		
Elective			
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	9		

Term 4 - A 44 - 53 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 SPE 223: Intersection of Society, Disabilities and Inclusion	3	C	<ul style="list-style-type: none"> <li>Meet with Teachers College career coach before the end of the term.</li> </ul>
TEL 200: Social Embeddedness of Educational Endeavors	3	C	
Elective	3		
Term hours subtotal:	9		

Term 4 - B 53 - 60 Credit Hours	Hours	Minimum Grade	Notes
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:	7		

Term 5 - A 60 - 69 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 EDU 301: Why Education?	3	C	<ul style="list-style-type: none"> <li>Develop your professional online presence</li> </ul>
Educational Studies Track Course	3	C	
Upper Division Elective	3		
Term hours subtotal:	9		

Term 5 - B 69 - 78 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 EDU 302: Diversity in Learning Contexts	3	C	
 LSE 303: Human Development: Addressing Learner Capabilities (SB)	3	C	
Upper Division Elective	3		
Term hours subtotal:	9		

Term 6 - A 78 - 86 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 EDU 304: The Bridge Between Coursework, Identity and Career	2	C	
Educational Studies Track Course	3	C	
Upper Division Elective	3		
Term hours subtotal:	8		

Term 6 - B 86 - 92 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 EDU 396: Exploring Ideas and Planning for an Internship	3	C	
 LSE 305: Conceptualizing Learning: Theories in Practice	3	C	
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 92 - 101 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ EDU 402: Partnering to Advance Educational Initiatives (L)	3	C	• EDU 484 is a Session C course (15 weeks long).
★ EDU 484: Internship	3	C	
Educational Studies Track Course	3	C	
Term hours subtotal:	9		

Term 7 - B 101 - 107 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ LSE 401: Designing Learning Environments for Inclusion (SB)	3	C	• Gather professional references
Educational Studies Track Course	3	C	
Term hours subtotal:	6		

Term 8 - A 107 - 114 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ EDU 404: Navigating Change in Educational Innovations	3	C	• Apply for full-time career opportunities • EDU 498 is a Session C course (15 weeks long).
★ EDU 498: Pro-Seminar	4	C	
Term hours subtotal:	7		

Term 8 - B 114 - 120 Credit Hours	Hours	Minimum Grade	Notes
Educational Studies Track Course	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		

- Select one track from the options below and complete all courses listed within the same track.

Hide Course List(s)/Track Group(s)

<b>Business</b>	<b>Community Health</b>	<b>Counseling</b>
ACC 382: Accounting and Financial Analysis	HCR 220: Introduction to Health Professions and the U.S. Health Care System (H)	CAP 120: Introduction to Counseling (SB)
ECN 211: Macroeconomic Principles (SB)	HCR 231: Fundamentals of Community Health	CAP 240: Counseling Skills
FIN 380: Personal Financial Management	HCR 331: Communication within Communities	CAP 315: Trauma and Crisis Intervention
MGT 380: Management and Strategy for Nonmajors	HCR 335: Program Development and Management for Community Health	CAP 420: School Counseling
MKT 390: Essentials of Marketing	HCR 435: Leaders in Community Health	CAP Upper Division Elective
<b>Entrepreneurship</b>	<b>Family and Human Development</b>	<b>Global Studies</b>
ENT 305: Principles of Entrepreneurship	CDE Upper Division Elective	SGS 101: Thinking Globally (SB & G)
IPI 296: Inquiry (L)	FAS 101: Personal Growth and Relationships (SB)	SGS 204: Professional Global Career Development
MKT 390: Essentials of Marketing	FAS 264: Sociology of Gender (SB & C)	SGS 303: Global Trends (SB & G)
TEM 230: Creativity and Business Innovation	FAS 331: Modern Family Relationships (SB)	SGS Lower Division Elective

TWC 347: Written Communication for Managers (L)	FAS 370: Family Ethnic and Cultural Diversity (SB & C)	SGS Upper Division Elective
Health Innovations	Organizational Leadership	Personal Health
HCI 311: Health Innovation: Foundational Concepts	OGL 200: Introduction to Organizational Leadership (SB)	EXW 325: Fitness for Life EXW OR HEP Upper Division Elective
HCI 412: Transforming Health Care: A Systems Perspective for Innovation	OGL 220: Behavioral Dynamics in Organizations (SB)	HEP 303: Human Sexuality for Health Education
HCI 421: Health Care Policy: The Innovator's View	OGL 340: Organizational Skills OGL 355: Leading Organizational Innovation and Change	HSC 355: Eating for Lifelong Health (SB) NTR 100: Introduction to Nutrition Science
HCI 425: Facilitating Innovation to Achieve Outcomes	PMG 320: Foundations of Project Management	
HCI 428: Technology: A Tool to Advance Innovation in Health Care		
Political Science		
POS 110: American Government and Politics (SB)		
POS 150: Comparative Government (SB & G)		
POS 210: Political Ideologies (SB)		
POS 360: World Politics (SB & G)		
POS Upper Division Elective		

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.









## 2023 - 2024 Major Map

### Educational Studies (Early Childhood Studies), BAE



School/College: [Mary Lou Fulton Teachers College](#)



Location: [Online ASU Local](#)

TEESECEBAE



Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students</li> </ul>
ASU 101-ONL: The ASU Experience	1		
TEL 215: Introduction to Child and Adolescent Development (SB)	3	C	
Term hours subtotal:	7		
Term 1 - B 7 - 13 Credit Hours	Hours	Minimum Grade	Notes
TEL 111: Exploration of Education (SB)	3	C	<ul style="list-style-type: none"> <li>View ASU Online first-year registration information <a href="#">here</a>.</li> <li>Build your professional connections -- join the <a href="#">ASU Mentor Network</a>.</li> </ul>
TEL 208: Literacy in a Changing World (HU)	3	C	
Term hours subtotal:	6		
Term 2 - A 13 - 20 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	7		
Term 2 - B 20 - 29 Credit Hours	Hours	Minimum Grade	Notes
MAT 142: College Mathematics (MA)	3		
TEL 212: Understanding the Culturally Diverse Learner (HU & C)	3	C	
Elective	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	9		
Term 3 - A 29 - 38 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 TEL 203: Collaborating, Planning and Implementing Instruction in Diverse Contexts	3	C	<ul style="list-style-type: none"> <li>Develop your <a href="#">skills</a></li> </ul>
Global Awareness (G) AND Historical Awareness (H)	3		
Elective	3		

Term hours subtotal: 9



Term 3 - B 38 - 45 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	3	C	
Literacy and Critical Inquiry (L)	3		
Elective	1		
 Complete Mathematics (MA) requirement.			
Term hours subtotal:		7	

Term 4 - A 45 - 53 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 SPE 223: Intersection of Society, Disabilities and Inclusion	3	C	<ul style="list-style-type: none"> <li>Students must secure an approved ASU work or volunteer placement for upper-division coursework. The MLFTCOffice of Professional Experiences (OPE)supports all site placements for students in our college. For students who do not have an existing placement at a site that teaches young children and that meets the requirements of ASU, OPE will help find an appropriate placement.</li> </ul>
ECD 220: Introduction to Nutrition, Health and Safety	2	C	
Elective	3		
Term hours subtotal:		8	

Term 4 - B 53 - 60 Credit Hours	Hours	Minimum Grade	Notes
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Elective	3		
Term hours subtotal:		7	

Term 5 - A 60 - 66 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 ECD 327: Becoming a Teacher Leader	3	C	<ul style="list-style-type: none"> <li>Students must secure an approved ASU work or volunteer placement for upper division coursework.</li> <li>Develop your <b>professional online presence</b>.</li> </ul>
FAS 370: Family Ethnic and Cultural Diversity (SB & C)	3	C	
Term hours subtotal:		6	

Term 5 - B 66 - 75 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 ECD 310: Applied Early Child Development	3	C	
 ECS 312: Social and Emotional Development of the Young Child (SB)	3	C	
Elective	3		
Term hours subtotal:		9	

Term 6 - A 75 - 84 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 ECS 321: Communication, Language Development, and Emergent Literacy	3	C	
CDE 350: Inequality and Diversity in Education (L & C)	3	C	
Elective	3		
Term hours subtotal:		9	

		Minimum	
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Term 6 - B 84 - 90 Credit Hours Necessary course signified by ★	Hours	Grade	Notes
★ ECD 325: Supporting Dual Language Learners	3	C	
CDE 430: Infant and Toddler Development in the Family (SB)	3	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	6		

Term 7 - A 90 - 99 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ECD 322: Cognition and General Knowledge: Science, Math, Logic and Reasoning	3	C	
Upper Division Elective	3		
Elective	3		
Term hours subtotal:	9		

Term 7 - B 99 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ECS 315: Classroom Organization and Child Guidance	3	C	• Gather professional references
PAF 410: Building Leadership Skills (SB)	3	C	
Term hours subtotal:	6		

Term 8 - A 105 - 114 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ECS 427: Highly Individualized Teaching and Learning	3	C	• Apply for full-time career opportunities
Complete 2 courses: Elective	6		
Term hours subtotal:	9		

Term 8 - B 114 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ ECD 476: Intentional Teaching	3	C	
★ ECS 430: Systems, Policy, and Advocacy in Early Childhood/Special Education	3	C	
Term hours subtotal:	6		

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**General University Requirements Legend**

General Studies Core Requirements:

**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for**  
**Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.







## 2023 - 2024 Major Map

### Educational Studies (Instructional Design), BAE

School/College: [Mary Lou Fulton Teachers College](#)

Location: [Online ASU Local](#)

TEEDUSTBAE

Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> </ul>
ASU 101-ONL: The ASU Experience	1		
TEL 111: Exploration of Education (SB)	3	C	
Term hours subtotal:	7		
Term 1 - B 7 - 13 Credit Hours	Hours	Minimum Grade	Notes
MAT 142: College Mathematics (MA)	3	C	<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> </ul>
TEL 208: Literacy in a Changing World (HU)	3	C	
Term hours subtotal:	6		
Term 2 - A 13 - 22 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
CDE 232: Human Development (SB) OR TEL 215: Introduction to Child and Adolescent Development (SB)	3	C	
Elective	3		
Term hours subtotal:	9		
Term 2 - B 22 - 29 Credit Hours	Hours	Minimum Grade	Notes
TEL 212: Understanding the Culturally Diverse Learner (HU & C)	3	C	<ul style="list-style-type: none"> <li>Consider <a href="#">studying abroad</a>. Meet with your advisor for more information.</li> </ul>
Natural Science - Quantitative (SQ)	4		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	7		
Term 3 - A 29 - 35 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 TEL 203: Collaborating, Planning and Implementing Instruction in Diverse Contexts	3	C	<ul style="list-style-type: none"> <li>Develop your <a href="#">skills</a></li> </ul>
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Term hours subtotal:	6		

Term 3 - B 35 - 44 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	3	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3		
Elective	3		
⚠ Complete Mathematics (MA) requirement.			
Term hours subtotal:		9	

Term 4 - A 44 - 53 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
⚠ SPE 223: Intersection of Society, Disabilities and Inclusion	3	C	<ul style="list-style-type: none"> <li>• Meet with Teachers College career coach before the end of the term.</li> <li>• Students planning to take GIT 314 or GIT 315 in Terms 7B or 8A must first successfully complete GIT 230 with a C or better.</li> </ul>
TEL 200: Social Embeddedness of Educational Endeavors	3	C	
Elective ( GIT 230 recommended)	3		
Term hours subtotal:		9	

Term 4 - B 53 - 60 Credit Hours	Hours	Minimum Grade	Notes
Literacy and Critical Inquiry (L)	3		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Term hours subtotal:		7	

Term 5 - A 60 - 66 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ EDU 301: Why Education?	3	C	<ul style="list-style-type: none"> <li>• Develop your <b>professional online presence</b>.</li> </ul>
★ LDT 301: Foundations of Instructional Design	3	C	
Term hours subtotal:		6	

Term 5 - B 66 - 75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ LDT 320: Digital Learning Theories	3	C	
Educational Studies Track Course	3	C	
Upper Division Elective	3		
Term hours subtotal:		9	

Term 6 - A 75 - 81 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ LDT 330: Design of Digital Learning	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Term hours subtotal:		6	

Term 6 - B 81 - 90 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ EDU 302: Diversity in Learning Contexts	3	C	
★ LDT 410: Assessment and Evaluation for Digital Learning	3	C	
Educational Studies Track Course	3	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			

Term hours subtotal: 9

Term 7 - A 90 - 96 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ LDT 484: Internship	3	C	• LDT 484 is a Session C course (15 weeks long).
Educational Studies Track Course	3	C	
Term hours subtotal:	6		

Term 7 - B 96 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
CIS 300: Web Design and Development OR GIT 135: Graphic Communications OR GIT 314: Multimedia Design, Planning and Storyboards OR GIT 315: Digital Video Techniques OR TWC 301: Fundamentals of Writing for Digital Media (L)	3	C	• Gather professional references. • Students planning to take GIT 314 or GIT 315 must first successfully complete GIT 230 with a C or better.
★ LSE 401: Designing Learning Environments for Inclusion (SB)	3	C	
Upper Division Elective	3		
Term hours subtotal:	9		

Term 8 - A 105 - 114 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
CIS 300: Web Design and Development OR GIT 135: Graphic Communications OR GIT 314: Multimedia Design, Planning and Storyboards OR GIT 315: Digital Video Techniques OR TWC 301: Fundamentals of Writing for Digital Media (L)	3	C	• Apply for full-time career opportunities. • Students planning to take GIT 314 or GIT 315 must first successfully complete GIT 230 with a C or better.
Upper Division Educational Studies Track Course	3	C	
Upper Division Elective	3		
Term hours subtotal:	9		

Term 8 - B 114 - 120 Credit Hours	Hours	Minimum Grade	Notes
Upper Division Educational Studies Track Course	3	C	
Upper Division Elective	3		
Term hours subtotal:	6		

- Select one track from the options below and complete all courses listed within the same track.

Hide Course List(s)/Track Group(s)

Business	Community Health	Counseling
ACC 382: Accounting and Financial Analysis	HCR 220: Introduction to Health Professions and the U.S. Health Care System (H)	CAP 120: Introduction to Counseling (SB)
ECN 211: Macroeconomic Principles (SB)	HCR 231: Fundamentals of Community Health	CAP 240: Counseling Skills
FIN 380: Personal Financial Management	HCR 331: Communication within Communities	CAP 315: Trauma and Crisis Intervention
MGT 380: Management and Strategy for Nonmajors	HCR 335: Program Development and Management for Community Health	CAP 420: School Counseling
MKT 390: Essentials of Marketing	HCR 435: Leaders in Community Health	CAP Upper Division Elective
Family and Human Development	Global Studies	Health Innovations

CDE Upper Division Elective	SGS 101: Thinking Globally (SB & G)	HCI 311: Health Innovation: Foundational Concepts
FAS 101: Personal Growth and Relationships (SB)	SGS 204: Professional Global Career Development	HCI 412: Transforming Health Care: A Systems Perspective for Innovation
FAS 264: Sociology of Gender (SB & C)	SGS 303: Global Trends (SB & G)	HCI 421: Health Care Policy: The Innovator's View
FAS 331: Modern Family Relationships (SB)	SGS Lower Division Elective	HCI 425: Facilitating Innovation to Achieve Outcomes
FAS 370: Family Ethnic and Cultural Diversity (SB & C)	SGS Upper Division Elective	HCI 428: Technology: A Tool to Advance Innovation in Health Care
<b>Organizational Leadership</b>	<b>Personal Health</b>	<b>Political Science</b>
OGL 200: Introduction to Organizational Leadership (SB)	EXW 325: Fitness for Life	POS 110: American Government and Politics (SB)
OGL 220: Behavioral Dynamics in Organizations (SB)	EXW OR HEP Upper Division Elective	POS 150: Comparative Government (SB & G)
OGL 340: Organizational Skills	HEP 303: Human Sexuality for Health Education	POS 210: Political Ideologies (SB)
OGL 355: Leading Organizational Innovation and Change	HSC 355: Eating for Lifelong Health (SB)	POS 360: World Politics (SB & G)
PMG 320: Foundations of Project Management	NTR 100: Introduction to Nutrition Science	POS Upper Division Elective

#### Notes:

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

#### General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition



General Studies designations listed on the major map are current for the 2023 - 2024 academic year.









## 2023 - 2024 Major Map

### Elementary Education, BAE

School/College: [Mary Lou Fulton Teachers College](#)

Location: [Polytechnic, Tempe, West, ASU Sync](#)

TEEEDBAE

Term 1 0 - 17 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>• Students should work with their academic advisor to select the appropriate math course.</li> <li>• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>• Join a <b>student club</b> or professional organization.</li> </ul>
MAT 117: College Algebra (MA) OR MAT 142: College Mathematics (MA)	3	C	
TEL 101: Professional Educator Series: The Student Experience	1		
TEL 111: Exploration of Education (SB)	3	C	
TEL 208: Literacy in a Changing World (HU)	3	C	
Natural Science - Quantitative (SQ)	4	C	
Term hours subtotal:	17		
Term 2 17 - 31 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>• Apply for an identify verified print (IVP) fingerprint clearance card <a href="#">online</a>.</li> <li>• Your IVP fingerprint card will be needed for professional classroom experiences.</li> </ul>
SCN 202: Sustainability Science Literacy for Engaged Global Citizens (SG & G) OR SCN 208: Nature and Society: An Introduction to Environmental Studies (SG & G)	4	C	
TEL 171: Professional Educator Series: Equity in Education	1		
TEL 212: Understanding the Culturally Diverse Learner (HU & C)	3	C	
TEL 215: Introduction to Child and Adolescent Development (SB)	3	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	14		
Term 3 31 - 44 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 TEL 203: Collaborating, Planning and Implementing Instruction in Diverse Contexts	3	C	<ul style="list-style-type: none"> <li>• GCU 113 meets US and AZ Constitution requirements for AZ state teacher certification</li> <li>• Develop your <b>skills</b></li> </ul>
EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	3	C	
MTE 280: Numbers, Operations and Proportional Reasoning for K-8 Teaching	3	C	
TEL 270: Professional Educator Series: Connecting Research to Practice	1		

Historical Awareness (H) ( GCU 113 recommended) 3

❖ Complete Mathematics (MA) requirement.

Term hours subtotal: 13

Term 4 44 - 59 Credit Hours Critical course signified by ❖	Hours	Minimum Grade	Notes
❖ SPE 222: Orientation to Education of Exceptional Children (SB & C)	3	C	<ul style="list-style-type: none"> <li>• Students choose a Specialization Area which can be an approved certificate or a personalized interest area. Students select appropriate courses in consult with their academic advisor.</li> <li>• Develop your <b>professional online presence</b>.</li> </ul>
BLE 220: Foundations of Structured English Immersion (L)	3	C	
EED 284: Introduction to Integrated STEAM Learning Experiences	3	C	
TEL 271: Professional Educator Series: Inclusivity in Practice	1		
Complete 2 courses: Specialization Area Course	5	C	
Term hours subtotal:	15		

Term 5 59 - 73 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TEL 355: Internship: Initial	1	C	<ul style="list-style-type: none"> <li>• Students may take TEL 310 and/or TEL 318 in an earlier term if their schedule allows. Please consult with an academic advisor first.</li> <li>• Complete an in person or virtual <b>practice interview</b>.</li> </ul>
MTE 311: Geometry, Algebra, Statistics and Probability for K-8 Teaching	3	C	
TEL 310: Instructional Thought and Action: Instructional Design and Planning	3	C	
TEL 318: Instructional Thought and Action: Assessment for Learning	3	C	
TEL 331: Foundations of Literacy: The Science of Reading	3	C	
TEL 370: Professional Educator Series: Building a Professional Network	1		
Term hours subtotal:	14		

Term 6 73 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TEL 366: Internship: Intermediate	1	C	<ul style="list-style-type: none"> <li>• Students choose a Specialization Area which can be an approved certificate or a personalized interest area. Students select appropriate courses in consult with their academic advisor.</li> </ul>
EED 324: Social Studies for Equity and Social Justice	3	C	
RDG 413: Literacy Methods of Instruction and Assessment for Diverse Learners	3	C	
TEL 317: Instructional Thought and Action: Learning Environment and Management	3	C	
TEL 371: Professional Educator Series: Educational Policies	1		
Complete 2 courses: Specialization Area Course	6	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	17		

Term 7 90 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TEL 477: Internship: Advanced	2	C	
EED 411: Science in Elementary Schools	3	C	
EED 412: Mathematics in Elementary Schools	3	C	
EED 433: Writing in the 21st Century	3	C	

TEL 340: Families, Communities and Cultures: Cultivating Networks of Culturally Responsive Relationships (SB)	3	C
TEL 470: Professional Educator Series: Career Growth and Planning	1	
Upper Division Literacy and Critical Inquiry (L)	3	
Term hours subtotal:	18	

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TEL 488: Student Teaching	11	C	
TEL 471: Professional Educator Series: The Principled Educator	1		
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.







## 2023 - 2024 Major Map


### Elementary Multilingual Education, **BAE**



School/College: Mary Lou Fulton Teachers College



Location: Tempe




TEEMLEBAE

Term 1 0 - 17 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>• Students should work with their academic advisor to select the appropriate math course.</li> <li>• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>• Join a <b>student club</b> or professional organization.</li> </ul>
MAT 117: College Algebra (MA) OR MAT 142: College Mathematics (MA)	3	C	
TEL 101: Professional Educator Series: The Student Experience	1		
TEL 111: Exploration of Education (SB)	3	C	
TEL 208: Literacy in a Changing World (HU)	3	C	
Natural Science - Quantitative (SQ)	4	C	
Term hours subtotal:	17		
Term 2 17 - 31 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>• Apply for an identify verified print (IVP) fingerprint clearance card <a href="#">online</a>.</li> <li>• Your IVP fingerprint card will be needed for professional classroom experiences.</li> </ul>
SCN 202: Sustainability Science Literacy for Engaged Global Citizens (SG & G) OR SCN 208: Nature and Society: An Introduction to Environmental Studies (SG & G)	4	C	
TEL 171: Professional Educator Series: Equity in Education	1		
TEL 212: Understanding the Culturally Diverse Learner (HU & C)	3	C	
TEL 215: Introduction to Child and Adolescent Development (SB)	3	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	14		
Term 3 31 - 44 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 TEL 203: Collaborating, Planning and Implementing Instruction in Diverse Contexts	3	C	<ul style="list-style-type: none"> <li>• GCU 113 meets the US and AZ constitution requirements for AZ teacher certification.</li> <li>• Develop your <b>skills</b>.</li> </ul>
EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	3	C	
MTE 280: Numbers, Operations and Proportional Reasoning for K-8 Teaching	3	C	

TEL 270: Professional Educator Series: Connecting Research to Practice	1
Historical Awareness (H) ( GCU 113 recommended)	3
 Complete Mathematics (MA) requirement.	
Term hours subtotal:	13

Term 4 44 - 57 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 SPE 222: Orientation to Education of Exceptional Children (SB & C)	3	C	<ul style="list-style-type: none"> <li>Students choose a Specialization Area which can be an approved certificate or a personalized interest area. Students select appropriate courses in consult with their academic advisor.</li> <li>The Bilingual Education and English as a Second Language endorsements from the Arizona Department of Education require six hours of a foreign language or its equivalent. Students interested in these endorsements should take these courses as their specialization area courses.</li> </ul>
BLE 220: Foundations of Structured English Immersion (L)	3	C	
TEL 271: Professional Educator Series: Inclusivity in Practice	1		
Complete 2 courses: Specialization Area Course	6	C	
Term hours subtotal:	13		

Term 5 57 - 74 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 TEL 355: Internship: Initial	1	C	<ul style="list-style-type: none"> <li>Students may take TEL 310 and/or TEL 318 in an earlier term if their schedule allows. Please consult with an academic advisor first.</li> </ul>
BLE 338: Foundations of Second Language Acquisition and Development (L)	3	C	
MTE 311: Geometry, Algebra, Statistics and Probability for K-8 Teaching	3	C	
TEL 310: Instructional Thought and Action: Instructional Design and Planning	3	C	
TEL 318: Instructional Thought and Action: Assessment for Learning	3	C	
TEL 331: Foundations of Literacy: The Science of Reading	3	C	
TEL 370: Professional Educator Series: Building a Professional Network	1		
Term hours subtotal:	17		

Term 6 74 - 90 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 BLE 481: Reading Practicum	3	C	<ul style="list-style-type: none"> <li>Complete an in person or virtual practice interview.</li> </ul>
BLE 400: Principles of Language Minority Education	3	C	
EED 412: Mathematics in Elementary Schools	3	C	
RDG 413: Literacy Methods of Instruction and Assessment for Diverse Learners	3	C	
TEL 317: Instructional Thought and Action: Learning Environment and Management	3	C	
TEL 371: Professional Educator Series: Educational Policies	1		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	16		

Term 7 90 - 108 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
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★ TEL 477: Internship: Advanced	2	C
BLE 324: Social Studies for Diverse Language Classrooms	3	C
BLE 336: Culturally Sustaining and Transformative Pedagogies	3	C
BLE 411: Science Curriculum, Instruction and Assessment in BLE/ESL Settings	3	C
BLE 413: Language Arts in BLE/ESL Settings	3	C
TEL 340: Families, Communities and Cultures: Cultivating Networks of Culturally Responsive Relationships (SB)	3	C
TEL 470: Professional Educator Series: Career Growth and Planning	1	
Term hours subtotal:	18	

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TEL 488: Student Teaching	11	C	
TEL 471: Professional Educator Series: The Principled Educator	1		
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.









## 2023 - 2024 Major Map

### Physical Education, BAE

School/College: Mary Lou Fulton Teachers College

Location: Polytechnic, Tempe

TEPPEBAE

Term 1 0 - 15 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>Students should work with their academic advisors to select the appropriate math course.</li> <li>Join a <b>student club</b> or professional organization.</li> </ul>
MAT 117: College Algebra (MA) OR MAT 142: College Mathematics (MA)	3	C	
PPE 215: Teaching Team Sports OR PPE 220: Teaching Lifetime Activity K-12 OR PPE 230: Teaching Group Exercise OR PPE 235: Teaching Strength and Conditioning for Health	2		
TEL 101: Professional Educator Series: The Student Experience	1		
TEL 111: Exploration of Education (SB)	3	C	
TEL 208: Literacy in a Changing World (HU)	3	C	
Term hours subtotal:	15		
Term 2 15 - 31 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>Apply for an identify verified print (IVP) fingerprint clearance card <a href="#">online</a>.</li> <li>Your IVP fingerprint card will be needed for professional classroom experiences.</li> </ul>
PPE 215: Teaching Team Sports OR PPE 220: Teaching Lifetime Activity K-12 OR PPE 230: Teaching Group Exercise OR PPE 235: Teaching Strength and Conditioning for Health	2		
SCN 202: Sustainability Science Literacy for Engaged Global Citizens (SG & G) OR SCN 208: Nature and Society: An Introduction to Environmental Studies (SG & G)	4	C	
TEL 171: Professional Educator Series: Equity in Education	1		
TEL 212: Understanding the Culturally Diverse Learner (HU & C)	3	C	
TEL 215: Introduction to Child and Adolescent Development (SB)	3	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	16		
Term 3 31 - 44 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 TEL 203: Collaborating, Planning and Implementing Instruction in Diverse Contexts	3	C	<ul style="list-style-type: none"> <li>Develop your <b>skills</b>.</li> </ul>
EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	3	C	



PPE 215: Teaching Team Sports OR PPE 220: Teaching Lifetime Activity K-12 OR PPE 230: Teaching Group Exercise OR PPE 235: Teaching Strength and Conditioning for Health	2	
TEL 270: Professional Educator Series: Connecting Research to Practice	1	
Natural Science - Quantitative (SQ) ( BIO 100 OR ABS 130 recommended)	4	C
🚩 Complete Mathematics (MA) requirement.		
Term hours subtotal:	13	

Term 4 44 - 59 Credit Hours Critical course signified by 🚩	Hours	Minimum Grade	Notes
🚩 SPE 222: Orientation to Education of Exceptional Children (SB & C)	3	C	<ul style="list-style-type: none"> <li>GCU 113 meets the US and AZ constitution requirement for AZ teacher certification.</li> <li>Students choose a Specialization Area which can be an approved certificate or a personalized interest area. Students select appropriate courses in consult with their academic advisor.</li> <li>Develop your <b>professional online presence</b>.</li> </ul>
BLE 220: Foundations of Structured English Immersion (L)	3	C	
PPE 215: Teaching Team Sports OR PPE 220: Teaching Lifetime Activity K-12 OR PPE 230: Teaching Group Exercise OR PPE 235: Teaching Strength and Conditioning for Health	2		
TEL 271: Professional Educator Series: Inclusivity in Practice	1		
Specialization Area Course	3	C	
Historical Awareness (H) ( GCU 113 recommended)	3		
Term hours subtotal:	15		

Term 5 59 - 73 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TEL 355: Internship: Initial	1	C	<ul style="list-style-type: none"> <li>Students may take TEL 310 and/or TEL 318 in an earlier term if their schedule allows. Please consult with an academic advisor first.</li> <li>Become a member of the <b>Arizona Health &amp; Physical Education State Association</b>.</li> </ul>
PPE 300: Introduction to Physical Education, Fitness and Sport	3	C	
PPE 450: Physical Education for the Elementary School	3	C	
TEL 310: Instructional Thought and Action: Instructional Design and Planning	3	C	
TEL 318: Instructional Thought and Action: Assessment for Learning	3	C	
TEL 370: Professional Educator Series: Building a Professional Network	1		
Term hours subtotal:	14		

Term 6 73 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TEL 366: Internship: Intermediate	1	C	<ul style="list-style-type: none"> <li>Complete an in person or virtual <b>practice interview</b></li> </ul>
PPE 315: Pediatric Movement Sciences for Physical Educators	3	C	
PPE 455: Physical Education in the Secondary School	3	C	
PPE 460: Adapted and Inclusive Physical Education	3	C	
PPE 465: Teaching Physical Activity Concepts (L)	3	C	
TEL 317: Instructional Thought and Action: Learning Environment and Management	3	C	
TEL 371: Professional Educator Series: Educational Policies	1		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	17		

Term 7 90 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ TEL 477: Internship: Advanced	2	C
PPE 320: Exercise Physiology Concepts for Physical Educators	3	C
TEL 332: Disciplinary Literacy Methods	3	C
TEL 340: Families, Communities and Cultures: Cultivating Networks of Culturally Responsive Relationships (SB)	3	C
TEL 470: Professional Educator Series: Career Growth and Planning	1	
Complete 2 courses: Specialization Area Course	6	C
Term hours subtotal:	18	

- Students choose a Specialization Area which can be an approved certificate or a personalized interest area. Students select appropriate courses in consult with their academic advisor.

<b>Term 8 108 - 120 Credit Hours Necessary course signified by ★</b>	<b>Hours</b>	<b>Minimum Grade</b>	<b>Notes</b>
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★ TEL 488: Student Teaching	11	C
TEL 471: Professional Educator Series: The Principled Educator	1	
Term hours subtotal:	12	

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.







## 2023 - 2024 Major Map

### Secondary Education, **BAE**

School/College: Mary Lou Fulton Teachers College

Location: Polytechnic, Tempe, West, ASU Sync

TESEDBAE

Term 1 0 - 17 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>Students should work with their academic advisors to select the appropriate math course.</li> <li>Join a <b>student club</b> or professional organization.</li> </ul>
MAT 142: College Mathematics (MA) OR MAT 117: College Algebra (MA)	3	C	
TEL 101: Professional Educator Series: The Student Experience	1		
TEL 111: Exploration of Education (SB)	3	C	
TEL 208: Literacy in a Changing World (HU)	3	C	
Natural Science - Quantitative (SQ)	4	C	
Term hours subtotal:	17		
Term 2 17 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>Apply for an identify verified print (IVP)<b>fingerprint clearance card</b>online.</li> <li>Your IVP fingerprint card will be needed for professional classroom experiences.</li> </ul>
TEL 171: Professional Educator Series: Equity in Education	1		
TEL 212: Understanding the Culturally Diverse Learner (HU & C)	3	C	
TEL 215: Introduction to Child and Adolescent Development (SB)	3	C	
Content Area Course	3	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	13		
Term 3 30 - 44 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 TEL 203: Collaborating, Planning and Implementing Instruction in Diverse Contexts	3	C	
EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	3	C	
SCN 202: Sustainability Science Literacy for Engaged Global Citizens (SG & G) OR SCN 208: Nature and Society: An Introduction to Environmental Studies (SG & G)	4	C	
TEL 270: Professional Educator Series: Connecting Research to Practice	1		

Content Area Course 3 C

❖ Complete Mathematics (MA) requirement.

Term hours subtotal: 14

Term 4 44 - 60 Credit Hours Critical course signified by ❖	Hours	Minimum Grade	Notes
❖ SPE 222: Orientation to Education of Exceptional Children (SB & C)	3	C	<ul style="list-style-type: none"> <li>• GCU 113 meets the US and AZ constitution requirements for AZ teacher certification.</li> <li>• Develop your professional <b>online presence</b>.</li> </ul>
BLE 220: Foundations of Structured English Immersion (L)	3	C	
TEL 271: Professional Educator Series: Inclusivity in Practice	1		
Complete 2 courses: Content Area Course	6	C	
Historical Awareness (H) ( GCU 113 recommended)	3		
Term hours subtotal:	16		

Term 5 60 - 74 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TEL 355: Internship: Initial	1	C	<ul style="list-style-type: none"> <li>• Students may take TEL 310 and/or TEL 318 in an earlier term if their schedule allows. Please consult with an academic advisor first.</li> </ul>
TEL 310: Instructional Thought and Action: Instructional Design and Planning	3	C	
TEL 318: Instructional Thought and Action: Assessment for Learning	3	C	
TEL 370: Professional Educator Series: Building a Professional Network	1		
Complete 2 courses: Content Area Course	6	C	
Term hours subtotal:	14		

Term 6 74 - 91 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TEL 366: Internship: Intermediate	1	C	<ul style="list-style-type: none"> <li>• Complete an in-person or virtual <b>practice interview</b>.</li> <li>• Students choose a Specialization Area which can be an approved certificate or a personalized interest area. Students select appropriate courses in consult with their academic advisor.</li> </ul>
SED 403: Secondary Principles, Curriculum and Methods	3	C	
TEL 317: Instructional Thought and Action: Learning Environment and Management	3	C	
TEL 371: Professional Educator Series: Educational Policies	1		
Upper Division Specialization Area Course	3	C	
Content Area Course	3	C	
Upper Division Literacy and Critical Inquiry (L)	3		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	17		

Term 7 91 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TEL 477: Internship: Advanced	2	C	<ul style="list-style-type: none"> <li>• Students choose a Specialization Area which can be an approved certificate or a personalized interest area. Students select appropriate courses in consult with their academic advisor.</li> </ul>
TEL 332: Disciplinary Literacy Methods	3	C	
TEL 340: Families, Communities and Cultures: Cultivating Networks of Culturally Responsive Relationships (SB)	3	C	
TEL 470: Professional Educator Series: Career Growth and Planning	1		
Upper Division Content Area Course	3	C	

Content Area Methods Course	3	C
Specialization Area Course	2	C
Term hours subtotal:	17	

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TEL 488: Student Teaching	11	C	
TEL 471: Professional Educator Series: The Principled Educator	1		
Term hours subtotal:	12		

- Courses selected for Track Area must be from same track. Students should not mix/match track areas.

#### Hide Course List(s)/Track Group(s)

Content: Biology	Content: Business	Content: Chemistry
BIO 181: General Biology I (SQ)	ACC 231: Uses of Accounting Information I	CHM 113: General Chemistry I (SQ)
BIO 182: General Biology II (SG)	ACC 241: Uses of Accounting Information II	CHM 116: General Chemistry II (SQ)
BIO 320: Fundamentals of Ecology	ECN 211: Macroeconomic Principles (SB)	CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I
BIO 340: General Genetics	ECN 212: Microeconomic Principles (SB)	CHM 234: General Organic Chemistry II AND CHM 238: General Organic Chemistry Laboratory II
BIO 345: Evolution	MGT 300: Principles of Management and Leadership	CHM OR BCH Elective
BIO OR MIC OR SCN OR ABS Elective	MKT 300: Marketing and Business Performance	
	SCM 300: Global Supply Operations	
	MGT OR MKT OR SCM OR FIN Elective	
Content: Chinese	Content: Earth and Space	Content: Economics
CHI 201: Second-Year Chinese I (G)	AST 111: Introduction to Solar Systems Astronomy (SQ)	ECN 211: Macroeconomic Principles (SB)
CHI 202: Second-Year Chinese II (G)	GLG 101: Introduction to Geology I (Physical) (SQ) AND GLG 103: Introduction to Geology I: Laboratory (SQ)	ECN 212: Microeconomic Principles (SB)
CHI 301: Third-Year Chinese I (G)	SES 121: Earth, Solar System and Universe (SQ) AND SES 123: Earth, Solar System and Universe Laboratory (SQ)	ECN 221: Business Statistics (CS)
CHI 302: Third-Year Chinese II (G)	SES 122: History of the Earth and Solar System AND SES 124: History of the Earth and Solar System Laboratory	ECN 312: Intermediate Microeconomic Theory (SB)
CHI Elective	SES 126: Exploration of the Universe AND SES 128: Exploration of the Universe Lab	ECN 313: Intermediate Macroeconomic Theory (SB)
	GLG OR AST OR GPH Elective	ECN Elective
Content: English	Content: French	Content: General Science
ENG 200: Critical Reading and Writing About Literature (L or HU)	FRE 201: Intermediate French I (G)	AST 111: Introduction to Solar Systems Astronomy (SQ)

ENG 221: Survey of English Literature (HU)	FRE 202: Intermediate French II (G)	BIO 100: The Living World (SQ)
ENG 222: Survey of English Literature (HU & H)	FRE 305: Readings in French Literature (G)	BIO 181: General Biology I (SQ)
ENG 241: Literatures of the United States to 1860 ((L or HU) & C)	FRE 311: Oral and Written Expression I (G)	BIO 182: General Biology II (SG)
ENG 242: Literatures of the United States, 1860 to Present (HU)	FRE 312: Oral and Written Expression II (G)	CHM 101: Introductory Chemistry (SQ)
ENG 471: Literature for Young Adults (HU)	FRE Elective	CHM 113: General Chemistry I (SQ)
ENG Elective		CHM 116: General Chemistry II (SQ)
		GLG 101: Introduction to Geology I (Physical) (SQ) AND GLG 103: Introduction to Geology I: Laboratory (SQ)
		GLG 102: Introduction to Geology II (Historical) (SG & H) AND GLG 104: Introduction to Geology II-Laboratory (SG)
		PHY 101: Introduction to Physics (SQ)
		PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ)
		PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ)
		SCN 300: Foundations of Environmental Education
		ABS OR AST OR BIO OR CHM OR GLG OR PHY Elective
<b>Content:Geography</b>	<b>Content: Health</b>	<b>Content: History</b>
GCU 102: Introduction to Human Geography (SB & G)	CHS 300: An Exploration of Well-Being (SB)	HST 100: Global History to 1500 (HU & H & G)
GCU 113: United States and Arizona Social Studies (SB & H)	CHS 340: Health Theory	HST 101: Global History Since 1500 (HU & H & G)
GCU 114: World Social Studies (SB & G & H)	EXW 101: Foundations of Health and Fitness Science	HST 109: United States to 1865 ((HU or SB) & H)
GCU 121: World Geography (SB & G)	EXW 215: Resistance Training and Recovery Techniques	HST 110: United States Since 1865 (SB & H)
GCU 241: The Global Economy in Transition (SB & G)	EXW 217: Cardiorespiratory and Flexibility Training	HST Elective
GIS 205: Geographic Information Science I (CS)	EXW 302: Fundamentals of Wellness (L)	
GPH 111: Introduction to Physical Geography (SQ)	EXW 450: Social Determinants of Health and Health Behavior ((L or SB) & C)	
GPH 112: Introduction to Physical Geography Lab (SQ)	HEP 303: Human Sexuality for Health Education	
GCU OR GPH OR GIS Elective	HEP 350: Substance Use and Addictive Behaviors	
	HEP 380: Body Image and Wellness	
	HSC 355: Eating for Lifelong Health (SB)	
	NTR 241: Human Nutrition	

CHS OR EXW OR HEP OR HSC OR NTR  
Elective

Content: Mathematics	Content: Physical Education	Content: Physics
MAT 243: Discrete Mathematical Structures	PPE 215: Teaching Team Sports	PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ)
MAT 270: Calculus with Analytic Geometry I (MA)	PPE 220: Teaching Lifetime Activity K-12	PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ)
MAT 271: Calculus with Analytic Geometry II (MA)	PPE 230: Teaching Group Exercise	PHY 121: University Physics I: Mechanics (SQ) AND PHY 122: University Physics Laboratory I (SQ)
MAT 272: Calculus with Analytic Geometry III (MA)	PPE 235: Teaching Strength and Conditioning for Health	PHY 131: University Physics II: Electricity and Magnetism (SQ) AND PHY 132: University Physics Laboratory II (SQ)
MAT 275: Modern Differential Equations (MA)	PPE 300: Introduction to Physical Education, Fitness and Sport	PHY 252: Physics III (SQ)
MAT 300: Mathematical Structures (L)	PPE 315: Pediatric Movement Sciences for Physical Educators	PHY Elective
MAT 310: Introduction to Geometry	PPE 320: Exercise Physiology Concepts for Physical Educators	
MAT OR MTE OR STP Elective	PPE 450: Physical Education for the Elementary School	
	PPE 460: Adapted and Inclusive Physical Education	
	PPE 465: Teaching Physical Activity Concepts (L)	
	PPE 485: Physical Activity Leadership in Schools	
	PPE 494: Principles of Sport Coaching	
Content: Political Science	Content: Spanish	Content: Theatre
POS 110: American Government and Politics (SB)	SPA 201: Intermediate Spanish (G)	THE 421: Shakespeare: Stage and Film (L or HU)
POS 150: Comparative Government (SB & G)	SPA 202: Intermediate Spanish (G)	THE 422: Latinx Theatre and Film (HU & C)
POS 160: Global Politics (SB & G)	SPA 313: Spanish Conversation and Composition (G)	THE 423: African American Theatre (C)
POS 210: Political Ideologies (SB)	SPA 314: Spanish Conversation and Composition (G)	THE 426: Pre-Columbian Theatre of the Americas
POS 216: State and Local Government (SB)	SPA 315: Advanced Spanish I for Bilinguals (C)	THP 311: Drama and Education: Performance Methods for Teaching (L)
POS 270: American Legal System (SB)	SPA 316: Advanced Spanish II for Bilinguals (L & C)	THP 411: Methods of Teaching Drama
POS 300: Contemporary Global Controversies (SB & G)	SPA 412: Advanced Conversation and Composition (G)	FMP OR THE OR THF OR THP Elective
POS 310: American National Government (SB)	SPA 413: Spanish Grammar in Context (G)	
POS 370: Law and Society (SB)	SPA 471: Civilization of the Indohispanomexicano Southwest ((L or HU) & C)	
JUS OR SGS OR POS Elective	SPA 472: Latin American Society: Five Case Studies (HU & H & G)	

SPA 473: Old and New Spaniards: Culture and Civilization of Spain ((HU or SB) & G)

SPA Elective

Content: Methods Course

BIO 480: Methods of Teaching Biology or  
SCN 494: Biology for Teachers

CHM 480: Methods of Teaching Chemistry

ENG 480: Methods of Teaching English:  
Composition (L)

ENG 482: Methods of Teaching English:  
Language (L)

HST 480: Methods of Teaching History:  
Classroom Resources

MTE 482: Methods of Teaching Mathematics  
in Secondary School

MTE 494: Advanced Methods of Teaching  
Mathematics in Secondary Schools

PHY 480: Methods of Teaching Physics

PPE 455: Physical Education in the Secondary  
School

SED 403: Secondary Principles, Curriculum  
and Methods

SED 480: Special Methods of Teaching Social  
Studies

SED 481: English Teaching Methods for  
Secondary Schools

SED 482: Science Teaching Methods for  
Secondary Schools

SED 494: Methods of Teaching History:  
Community Resources

SES 480: Teaching Earth and Space Sciences

THE 480: Methods of Teaching Theatre

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**General University Requirements Legend**



**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for**  
**Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.




## 2023 - 2024 Major Map




### Secondary Education (Biological Sciences), BAE




School/College: [Mary Lou Fulton Teachers College](#)

Location: [Polytechnic, Tempe, West](#)

TEBIOBAE

Term 1 0 - 17 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 BIO 181: General Biology I (SQ)	4	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>Join a <b>student club</b> or professional organization.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR			
 ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
MAT 170: Precalculus (MA)	3	C	
TEL 101: Professional Educator Series: The Student Experience	1		
TEL 111: Exploration of Education (SB)	3	C	
TEL 208: Literacy in a Changing World (HU)	3	C	
Term hours subtotal:	17		

Term 2 17 - 31 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 BIO 182: General Biology II (SG)	4	C	<ul style="list-style-type: none"> <li>Apply for an identify verified print (IVP) <b>fingerprint clearance card</b> online.</li> <li>Your IVP fingerprint card will be needed for professional classroom experiences.</li> <li>Join a <b>student club</b> or professional organization.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR			
 ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
TEL 171: Professional Educator Series: Equity in Education	1		
TEL 212: Understanding the Culturally Diverse Learner (HU & C)	3	C	
TEL 215: Introduction to Child and Adolescent Development (SB)	3	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	14		

Term 3 31 - 45 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 TEL 203: Collaborating, Planning and Implementing Instruction in Diverse Contexts	3	C	
CHM 113: General Chemistry I (SQ)	4	C	
EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	3	C	
TEL 270: Professional Educator Series: Connecting Research to Practice	1		
Global Awareness (G)	3		
 Complete Mathematics (MA) requirement.			
Term hours subtotal:	14		

Term 4 45 - 59 Credit Hours <b>Critical course signified by</b> ⚠	Hours	Minimum Grade	Notes
⚠ SPE 222: Orientation to Education of Exceptional Children (SB & C)	3	C	• GCU 113 meets the US and AZ constitution requirements for AZ teacher certification.
BLE 220: Foundations of Structured English Immersion (L)	3	C	
CHM 116: General Chemistry II (SQ)	4	C	
TEL 271: Professional Educator Series: Inclusivity in Practice	1		
Historical Awareness (H) ( GCU 113 recommended)	3		
Term hours subtotal:	14		

Term 5 59 - 75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ TEL 355: Internship: Initial	1	C	• Students may take TEL 310 and/or TEL 318 in an earlier term if their schedule allows. Please consult with an academic advisor first.
BIO 201: Human Anatomy and Physiology I (SG) OR BIO 360: Animal Physiology OR PLB 308: Plant Physiology	4-3	C	
BIO 340: General Genetics OR LSC 347: Fundamentals of Genetics AND LSC 348: Fundamentals of Genetics Laboratory	4	C	
TEL 310: Instructional Thought and Action: Instructional Design and Planning	3	C	
TEL 318: Instructional Thought and Action: Assessment for Learning	3	C	
TEL 370: Professional Educator Series: Building a Professional Network	1		
Term hours subtotal:	16-15		

Term 6 75 - 92 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ TEL 366: Internship: Intermediate	1	C	• Students choose a Specialization Area which can be an approved certificate or a personalized interest area. Students select appropriate courses in consult with their academic advisor. • Complete an in person or virtual <b>practice interview</b> .
BIO 320: Fundamentals of Ecology OR BIO 345: Evolution	3	C	
SED 482: Science Teaching Methods for Secondary Schools	3	C	
TEL 317: Instructional Thought and Action: Learning Environment and Management	3	C	
TEL 371: Professional Educator Series: Educational Policies	1		
Complete 2 courses: Specialization Area Course	6	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	17		

Term 7 92 - 108 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ TEL 477: Internship: Advanced	2	C	• Students choose a Specialization Area which can be an approved certificate or a personalized interest area. Students select appropriate courses in consult with their academic advisor.
BIO 480: Methods of Teaching Biology	3	C	
TEL 332: Disciplinary Literacy Methods	3	C	
TEL 340: Families, Communities and Cultures: Cultivating Networks of Culturally Responsive Relationships (SB)	3	C	
TEL 470: Professional Educator Series: Career Growth and Planning	1		
Specialization Area Course	1	C	
Upper Division Literacy and Critical Inquiry (L) ( BIO 303 OR BIO 304 OR BIO 431 OR BIO 446 recommended)	3		

Term hours subtotal: 16

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TEL 488: Student Teaching	11	C	
TEL 471: Professional Educator Series: The Principled Educator	1		
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.








## 2023 - 2024 Major Map

### Secondary Education (English), BAE

School/College: [Mary Lou Fulton Teachers College](#)

Location: [Polytechnic, Tempe, West](#)

TEENGBAE

Term 1 0 - 13 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>Students should work with their academic advisor to select the appropriate math course.</li> <li>Join a <a href="#">student club</a> or professional organization.</li> </ul>
MAT 117: College Algebra (MA) OR MAT 142: College Mathematics (MA)	3	C	
TEL 101: Professional Educator Series: The Student Experience	1		
TEL 111: Exploration of Education (SB)	3	C	
TEL 208: Literacy in a Changing World (HU)	3	C	
Term hours subtotal:	13		
Term 2 13 - 27 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>Apply for an identify verified print (IVP) fingerprint clearance card <a href="#">online</a>.</li> <li>Your IVP fingerprint card will be needed for professional classroom experiences.</li> </ul>
SCN 202: Sustainability Science Literacy for Engaged Global Citizens (SG & G) OR SCN 208: Nature and Society: An Introduction to Environmental Studies (SG & G)	4	C	
TEL 171: Professional Educator Series: Equity in Education	1		
TEL 212: Understanding the Culturally Diverse Learner (HU & C)	3	C	
TEL 215: Introduction to Child and Adolescent Development (SB)	3	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	14		
Term 3 27 - 44 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	3	C	<ul style="list-style-type: none"> <li>Develop your <a href="#">skills</a>.</li> </ul>
 ENG 221: Survey of English Literature (HU) OR ENG 222: Survey of English Literature (HU & H) OR ENG 241: Literatures of the United States to 1860 ((L or HU) & C) OR ENG 242: Literatures of the United States, 1860 to Present (HU)	3	C	
ENG 200: Critical Reading and Writing About Literature (L or HU)	3	C	

TEL 203: Collaborating, Planning and Implementing Instruction in Diverse Contexts	3	C
TEL 270: Professional Educator Series: Connecting Research to Practice	1	
Natural Science - Quantitative (SQ)	4	C
❖ Complete Mathematics (MA) requirement.		
Term hours subtotal:	17	

Term 4 44 - 60 Credit Hours Critical course signified by ❖	Hours	Minimum Grade	Notes
<i>Complete 2 courses:</i>			
❖ ENG 221: Survey of English Literature (HU) OR ENG 222: Survey of English Literature (HU & H) OR ENG 241: Literatures of the United States to 1860 ((L or HU) & C) OR ENG 242: Literatures of the United States, 1860 to Present (HU)	6	C	<ul style="list-style-type: none"> <li>GCU 113 meets the US and AZ constitution requirements for AZ teacher certification.</li> </ul>
BLE 220: Foundations of Structured English Immersion (L)	3	C	
SPE 222: Orientation to Education of Exceptional Children (SB & C)	3	C	
TEL 271: Professional Educator Series: Inclusivity in Practice	1		
Historical Awareness (H) ( GCU 113 recommended)	3		
Term hours subtotal:	16		

Term 5 60 - 74 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TEL 355: Internship: Initial	1	C	<ul style="list-style-type: none"> <li>Students may take TEL 310 and/or TEL 318 in an earlier term if their schedule allows. Please consult with an academic advisor first.</li> </ul>
ENG 312: English in its Social Setting (L or HU or SB) OR ENG 314: Modern Grammar OR ENG 323: Rhetoric and Grammar (L)	3	C	
TEL 310: Instructional Thought and Action: Instructional Design and Planning	3	C	
TEL 318: Instructional Thought and Action: Assessment for Learning	3	C	
TEL 370: Professional Educator Series: Building a Professional Network	1		
ENG Upper Division Elective	3	C	
Term hours subtotal:	14		

Term 6 74 - 91 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TEL 366: Internship: Intermediate	1	C	<ul style="list-style-type: none"> <li>Students choose a Specialization Area which can be an approved certificate or a personalized interest area. Students select appropriate courses in consult with their academic advisor.</li> <li>Complete an in person or virtual practice interview.</li> </ul>
ENG 321: Shakespeare (L or HU) OR ENG 421: Studies in Shakespeare (L or HU) OR ENG 422: Special Topics in Shakespeare	3	C	
ENG 480: Methods of Teaching English: Composition (L) OR SED 481: English Teaching Methods for Secondary Schools	3	C	
TEL 317: Instructional Thought and Action: Learning Environment and Management	3	C	
TEL 371: Professional Educator Series: Educational Policies	1		
<i>Complete 2 courses:</i> Specialization Area Course	6	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	17		

Term 7 91 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ TEL 477: Internship: Advanced	2	C
ENG 471: Literature for Young Adults (HU)	3	C
ENG 482: Methods of Teaching English: Language (L)	3	C
TEL 332: Disciplinary Literacy Methods	3	C
TEL 340: Families, Communities and Cultures: Cultivating Networks of Culturally Responsive Relationships (SB)	3	C
TEL 470: Professional Educator Series: Career Growth and Planning	1	
Specialization Area Course	2	C
Term hours subtotal:	17	

- Students choose a Specialization Area which can be an approved certificate or a personalized interest area. Students select appropriate courses in consult with their academic advisor.

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TEL 488: Student Teaching	11	C	
TEL 471: Professional Educator Series: The Principled Educator	1		
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.









## 2023 - 2024 Major Map

### Secondary Education (History), BAE

School/College: Mary Lou Fulton Teachers College

Location: Polytechnic, Tempe, West

TEHISBAE

Term 1 0 - 16 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-year Seminar required of all first-year students.</li> <li>Students should work with their academic advisor to select the appropriate math course.</li> <li>Join a <b>student club</b> or professional organization.</li> </ul>
HST 130: The Historian's Craft	3	C	
MAT 117: College Algebra (MA) OR MAT 142: College Mathematics (MA)	3	C	
TEL 101: Professional Educator Series: The Student Experience	1		
TEL 111: Exploration of Education (SB)	3	C	
TEL 208: Literacy in a Changing World (HU)	3	C	
Term hours subtotal:	16		
Term 2 16 - 33 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>Apply for an identify verified print (IVP) <b>fingerprint clearance card</b> online.</li> <li>Your IVP fingerprint card will be needed for professional classroom experiences.</li> </ul>
 HST 100: Global History to 1500 (HU & H & G) OR HST 101: Global History Since 1500 (HU & H & G)	3	C	
SCN 202: Sustainability Science Literacy for Engaged Global Citizens (SG & G) OR SCN 208: Nature and Society: An Introduction to Environmental Studies (SG & G)	4	C	
TEL 171: Professional Educator Series: Equity in Education	1		
TEL 212: Understanding the Culturally Diverse Learner (HU & C)	3	C	
TEL 215: Introduction to Child and Adolescent Development (SB)	3	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	17		
Term 3 33 - 46 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 HST 109: United States to 1865 ((HU or SB) & H) OR HST 110: United States Since 1865 (SB & H)	3	C	
 TEL 203: Collaborating, Planning and Implementing Instruction in Diverse Contexts	3	C	



EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	3	C
HST 100: Global History to 1500 (HU & H & G) OR HST 101: Global History Since 1500 (HU & H & G)	3	C
TEL 270: Professional Educator Series: Connecting Research to Practice	1	
🚩 Complete Mathematics (MA) requirement.		
Term hours subtotal:	13	

Term 4 46 - 60 Credit Hours Critical course signified by 🚩	Hours	Minimum Grade	Notes
🚩 HST 109: United States to 1865 ((HU or SB) & H) OR HST 110: United States Since 1865 (SB & H)	3	C	
🚩 SPE 222: Orientation to Education of Exceptional Children (SB & C)	3	C	
BLE 220: Foundations of Structured English Immersion (L)	3	C	
TEL 271: Professional Educator Series: Inclusivity in Practice	1		
Natural Science - Quantitative (SQ)	4	C	
Term hours subtotal:	14		

Term 5 60 - 74 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TEL 355: Internship: Initial	1	C	<ul style="list-style-type: none"> <li>• GCU 113 meets the US and AZ constitution requirements for AZ teacher certification.</li> <li>• Students may take TEL 310 and/or TEL 318 in an earlier term if their schedule allows. Please consult with an academic advisor first.</li> </ul>
GCU 113: United States and Arizona Social Studies (SB & H) OR POS 417: Arizona Politics (SB)	3	C	
TEL 310: Instructional Thought and Action: Instructional Design and Planning	3	C	
TEL 318: Instructional Thought and Action: Assessment for Learning	3	C	
TEL 370: Professional Educator Series: Building a Professional Network	1		
Upper Division U.S. History Course	3	C	
Term hours subtotal:	14		

Term 6 74 - 91 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TEL 366: Internship: Intermediate	1	C	<ul style="list-style-type: none"> <li>• Students choose a Specialization Area which can be an approved certificate or a personalized interest area. Students select appropriate courses in consult with their academic advisor.</li> <li>• Complete an in person or virtual <a href="#">practice interview</a>.</li> </ul>
HST 480: Methods of Teaching History: Classroom Resources OR SED 480: Special Methods of Teaching Social Studies	3	C	
TEL 317: Instructional Thought and Action: Learning Environment and Management	3	C	
TEL 371: Professional Educator Series: Educational Policies	1		
Upper Division Non-U.S. History Course	3	C	
Complete 2 courses: Specialization Area Course	6	C	
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	17		

Term 7 91 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TEL 477: Internship: Advanced	2	C	<ul style="list-style-type: none"> <li>• Students choose a Specialization Area which can be an approved certificate or a</li> </ul>
HST 481: Methods of Teaching History: Community Resources	3	C	

HST 495: Methods of Historical Inquiry (L)	3	C
TEL 332: Disciplinary Literacy Methods	3	C
TEL 340: Families, Communities and Cultures: Cultivating Networks of Culturally Responsive Relationships (SB)	3	C
TEL 470: Professional Educator Series: Career Growth and Planning	1	
Specialization Area Course	2	C
Term hours subtotal:	17	

personalized interest area. Students select appropriate courses in consult with their academic advisor.

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TEL 488: Student Teaching	11	C	
TEL 471: Professional Educator Series: The Principled Educator	1		
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

U.S. History	Non-U.S. History
AMS 412: The Bill of Rights and the US Supreme Court (H)	HST 302: Envisioning Peace
HST 306: Studies in United States History	HST 302: Gender and Sexuality in Islam
HST 314: American Cultural History Since 1865 ((HU or SB) & H)	HST 302: History of the Olympic Movement
HST 315: Political History of the U. S. (SB & H)	HST 302: Jews, Christians & Muslims in Early Modern World
HST 316: 20th-Century U.S. Foreign Relations (SB & H)	HST 302: Jews, Christians & Muslims in the Medieval World
HST 317: History of Postwar U.S. Conservatism	HST 302: Slavery Systems in Africa
HST 318: History of Engineering ((L or SB) & G)	HST 302: Studies in History
HST 320: U.S. Urban History since 1850 (SB & H)	HST 302: The Mexico City 1968 Olympics in Global Context
HST 321: Constitutional History/US to 1865 (SB & H)	HST 303: Studies in Asian History
HST 322: Constitutional History of the United States Since 1865 (H)	HST 304: Studies in European History
HST 323: Historical Studies in Race, Crime, and the Law	HST 305: Studies in Latin American History
HST 325: Immigration and Ethnicity in the United States (SB & H & C)	HST 309: Exploration and Empire ((L or HU) & H)
HST 327: Women in U.S. History, 1600 to 1880 ((HU or SB) & C & H)	HST 326: The Global History of the Trans-Atlantic Slave Trade (SB & H)
HST 328: Women in U.S. History, 1880-1980 ((HU or SB) & C & H)	HST 336: Islamic Civilization (HU & H)
	HST 339: Islam in the Modern World (HU & G)
	HST 346: Ancient Greece II: Late Classical and Hellenistic Period (SB & H)
	HST 347: Ancient Greece I: Bronze Age through the Peloponnesian War (SB & H)

HST 329: Women in 20th-Century U.S. West (H & C)	HST 348: Rome (SB & H)
HST 331: Mexican American History to 1900 (SB & H & C)	HST 349: Early Middle Ages ((HU or SB) & H)
HST 332: Mexican American History Since 1900 (SB & H & C)	HST 350: Later Middle Ages ((HU or SB) & H)
HST 333: African American History to 1865 (SB & H & C)	HST 351: Renaissance Europe ((L or HU or SB) & H)
HST 334: African American History Since 1865 ((HU or SB) & C & H)	HST 352: Europe's Reformations ((L or HU or SB) & H)
HST 335: History of Black Women in America (SB & H)	HST 353: Old Regime in Europe (SB & H)
HST 337: American Indian History to 1900 ((HU or SB) & C & H)	HST 354: Revolutionary Europe (SB & H)
HST 338: American Indian History since 1900 ((HU or SB) & C & H)	HST 355: Total War and the Crisis of Modernity (SB & G & H)
HST 340: American Military History (SB & H)	HST 356: Europe since 1945 (SB & G & H)
HST 341: U.S. West 19th Century (SB & H)	HST 358: Jewish History from Antiquity to 1492 (SB & H)
HST 342: U.S. West 20th Century (SB & H)	HST 359: Jewish History from 1492 to 1948 (SB & G & H)
HST 343: American Southwest ((L or SB) & H)	HST 360: The Crusades: Religion & Conflict in the Middle Ages (SB & H)
HST 344: Arizona (SB & H)	HST 361: Witchcraft and Heresy in Europe ((L or HU) & H)
HST 345: Environmental History (L)	HST 362: Sex and Society in Classical and Medieval Europe (SB & H)
HST 405: Colonial American History to 1763 (SB & H)	HST 363: Sex and Society in Early Modern Europe ((HU or SB) & H)
HST 406: American Revolution/1763-1789 (SB & H)	HST 364: Sex and Society in Modern Europe ((L or SB) & H)
HST 407: Early U.S. Republic/1789-1850 ((L or SB) & H)	HST 365: World Wars I and II: Europe's Eastern Front
HST 408: Civil War and Reconstruction ((L or SB) & H)	HST 366: England to 1689 (SB & H)
HST 409: Emergence Modern U.S. 1877-1918 (SB & H)	HST 367: From Empire to Brexit: Modern Britain (SB & H)
HST 412: Contemporary U.S., 1973- Present (SB & H)	HST 368: Culture and Imagination in European History (HU & H)
HST 413: Contemporary America ((L or SB) & H)	HST 369: History and Memory of the Holocaust
HST 414: Political History and Leadership	HST 370: Eastern Europe in Transition (SB & G & H)
HST 419: 20th Century Chicano/a History (C)	HST 372: Modern Middle East (SB & G & H)
HST 443: The United States and Latin America (SB & G & H)	HST 373: Roman History I: Foundations and Republic
HST 448: Mexican/U.S. Border	

HST 449: Mexican Immigration to the U.S.  
(L or SB) & H & C

HST 456: The Vietnam War (SB & G & H)

HST 374: Roman History II: The Roman  
Empire (HU & H)

HST 375: Colonial Latin America (SB & H)

HST 376: Modern Latin America (SB & G &  
H)

HST 383: China (SB & H)

HST 384: Modern China: 1700 to the Present  
(SB & G & H)

HST 386: Interpreting China's Classics ((L or  
HU) & H)

HST 387: Japan ((L or SB) & H)

HST 388: Japan (SB & G & H)

HST 389: Japan Society and Values/Premod

HST 391: Modern Southeast Asia (SB & G &  
H)

HST 392: Modern India

HST 397: Greece and Rome at War

HST 404: Conquest and Encounters in  
Colonial Latin America (L & G)

HST 419: 20th Century Chicano/a History (C)

HST 423: The Tudor Monarchy (SB & H)

HST 424: The Stuart Monarchy (SB & H)

HST 426: The British Empire (H)

HST 427: French Revolution/Napoleonic Era  
(SB & H)

HST 429: Modern Germany (SB & G & H)

HST 430: The Ottoman Empire in the  
Classical Period

HST 432: Eastern Europe the Balkans, 20th  
Century (G & H)

HST 435: The Russian Empire (SB & H)

HST 436: Rise & Fall of Soviet Communism  
(SB & G & H)

HST 438: Modern Spain ((HU or SB) & G &  
H)

HST 439: Athenian Democracy (H)

HST 441: Latin America and the World  
Economy (L & G & H)

HST 443: The United States and Latin  
America (SB & G & H)

HST 444: Latin American Independence ((L or HU) & G)

HST 445: 20th-Century Cuba (SB & G & H)

HST 447: Modern Mexico (SB & H)

HST 448: Mexican/U.S. Border

HST 451: Chinese Cultural History I ((HU or SB) & H)

HST 452: Chinese Cultural History II (SB & G & H)

HST 454: History of Genocide (G & H)

HST 459: Gandhi and the Politics of Nonviolence

HST 465: Women in Europe, 1750 to Present ((HU or SB) & H)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.










## 2023 - 2024 Major Map

### Secondary Education (Mathematics), BAE



School/College: [Mary Lou Fulton Teachers College](#)


Location: [Polytechnic, Tempe, West](#)




TEMATBAE



Term 1 0 - 14 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college specific equivalent first-year seminar required of all first-year students.</li> <li>Join a <b>student club</b> or professional organization.</li> </ul>
 MAT 270: Calculus with Analytic Geometry I (MA)	4	C	
TEL 101: Professional Educator Series: The Student Experience	1		
TEL 111: Exploration of Education (SB)	3	C	
TEL 208: Literacy in a Changing World (HU)	3	C	
Term hours subtotal:	14		
Term 2 14 - 28 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR  ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>Apply for an identify verified print (IVP) <b>fingerprint clearance card</b> online.</li> <li>Your IVP fingerprint card will be needed for professional classroom experiences.</li> </ul>
 MAT 271: Calculus with Analytic Geometry II (MA)	4	C	
TEL 171: Professional Educator Series: Equity in Education	1		
TEL 212: Understanding the Culturally Diverse Learner (HU & C)	3	C	
TEL 215: Introduction to Child and Adolescent Development (SB)	3	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	14		
Term 3 28 - 46 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 MAT 272: Calculus with Analytic Geometry III (MA)	4	C	
 TEL 203: Collaborating, Planning and Implementing Instruction in Diverse Contexts	3	C	
EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	3	C	
MAT 207: Algebra and Geometry in the High School AND MTE 210: Mentored Tutoring Internship OR MAT 208: Discrete Mathematics for Secondary Teachers OR MAT 243: Discrete Mathematical Structures	3	C	
TEL 270: Professional Educator Series: Connecting Research to Practice	1		
Natural Science - Quantitative (SQ)	4	C	
Complete Mathematics (MA) requirement.			

Term hours subtotal: 18

Term 4 46 - 63 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 SPE 222: Orientation to Education of Exceptional Children (SB & C)	3	C	<ul style="list-style-type: none"> <li>GCU 113 meets the US and AZ constitution requirements for AZ teacher certification.</li> </ul>
BLE 220: Foundations of Structured English Immersion (L)	3	C	
MAT 300: Mathematical Structures (L)	3	C	
SCN 202: Sustainability Science Literacy for Engaged Global Citizens (SG & G) OR SCN 208: Nature and Society: An Introduction to Environmental Studies (SG & G)	4	C	
TEL 271: Professional Educator Series: Inclusivity in Practice	1		
Historical Awareness (H) ( GCU 113 recommended)	3	C	
Term hours subtotal:	17		

Term 5 63 - 77 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 TEL 355: Internship: Initial	1	C	<ul style="list-style-type: none"> <li>Students may take TEL 310 and/or TEL 318 in an earlier term if their schedule allows. Please consult with an academic advisor first.</li> </ul>
MAT 310: Introduction to Geometry	3	C	
STP 420: Introductory Applied Statistics (CS)	3	C	
TEL 310: Instructional Thought and Action: Instructional Design and Planning	3	C	
TEL 318: Instructional Thought and Action: Assessment for Learning	3	C	
TEL 370: Professional Educator Series: Building a Professional Network	1		
Term hours subtotal:	14		

Term 6 77 - 94 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 TEL 366: Internship: Intermediate	1	C	<ul style="list-style-type: none"> <li>Students choose a Specialization Area which can be an approved certificate or a personalized interest area. Students select appropriate courses in consult with their academic advisor.</li> <li>Complete an in person or virtual <b>practice interview</b>.</li> </ul>
MAT 342: Linear Algebra OR MAT 343: Applied Linear Algebra OR MAT 275: Modern Differential Equations (MA) OR MAT 371: Advanced Calculus I	3	C	
MTE 485: Methods of Teaching Standards-Based Middle Grades and Early Secondary Mathematics OR MTE 494: Advanced Methods of Tchng Mthmtics in Scndry Schls	3	C	
TEL 317: Instructional Thought and Action: Learning Environment and Management	3	C	
TEL 371: Professional Educator Series: Educational Policies	1		
Complete 2 courses: Specialization Area Course	6	C	
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	17		

Term 7 94 - 108 Credit Hours <b>Necessary course signified by</b> 	Hours	Minimum Grade	Notes
 TEL 477: Internship: Advanced	2	C	<ul style="list-style-type: none"> <li>Students choose a Specialization Area which can be an approved certificate or a personalized interest area. Students select appropriate courses in consult with their academic advisor.</li> </ul>
MTE 485: Methods of Teaching Standards-Based Middle Grades and Early Secondary Mathematics OR MTE 494: Advanced Methods of Tchng Mthmtics in Scndry Schls	3	C	
TEL 332: Disciplinary Literacy Methods	3	C	

TEL 340: Families, Communities and Cultures: Cultivating Networks of Culturally Responsive Relationships (SB)	3	C
TEL 470: Professional Educator Series: Career Growth and Planning	1	
Specialization Area Course	2	C
Term hours subtotal:	14	

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TEL 488: Student Teaching	11	C	
TEL 471: Professional Educator Series: The Principled Educator	1		
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.









## 2023 - 2024 Major Map

### Special Education, BAE

School/College: Mary Lou Fulton Teachers College

Location: Tempe, ASU Sync

TESPCEDBAE

Term 1 0 - 17 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students.</li> <li>Students should work with their academic advisor to select the appropriate math course.</li> <li>Join a <b>student club</b> or professional organization.</li> </ul>
MAT 117: College Algebra (MA) OR MAT 142: College Mathematics (MA)	3	C	
TEL 101: Professional Educator Series: The Student Experience	1		
TEL 111: Exploration of Education (SB)	3	C	
TEL 208: Literacy in a Changing World (HU)	3	C	
Natural Science - Quantitative (SQ)	4	C	
Term hours subtotal:	17		
Term 2 17 - 31 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>Apply for an identify verified print (IVP) <b>fingerprint clearance card</b> online.</li> <li>Your IVP fingerprint card will be needed for professional classroom experiences.</li> </ul>
SCN 202: Sustainability Science Literacy for Engaged Global Citizens (SG & G) OR SCN 208: Nature and Society: An Introduction to Environmental Studies (SG & G)	4	C	
TEL 171: Professional Educator Series: Equity in Education	1		
TEL 212: Understanding the Culturally Diverse Learner (HU & C)	3	C	
TEL 215: Introduction to Child and Adolescent Development (SB)	3	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	14		
Term 3 31 - 44 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 TEL 203: Collaborating, Planning and Implementing Instruction in Diverse Contexts	3	C	<ul style="list-style-type: none"> <li>GCU 113 meets the US and AZ constitution requirements for AZ teacher certification.</li> <li>Students choose a Specialization Area which can be an approved certificate or a personalized interest area. Students may speak with their academic advisor about creating their own unique specialization area. Please</li> </ul>
EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	3	C	
MTE 280: Numbers, Operations and Proportional Reasoning for K-8 Teaching	3	C	

TEL 270: Professional Educator Series: Connecting Research to Practice 1

meet with an academic advisor to plan accordingly.

Historical Awareness (H) ( GCU 113 recommended) 3

❗ Complete Mathematics (MA) requirement.

Term hours subtotal: 13

Term 4 44 - 59 Credit Hours Critical course signified by ❗	Hours	Minimum Grade	Notes
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❗ SPE 222: Orientation to Education of Exceptional Children (SB & C) 3 C

- Students choose a Specialization Area which can be an approved certificate or a personalized interest area. Students select appropriate courses in consult with their academic advisor.

BLE 220: Foundations of Structured English Immersion (L) 3 C

TEL 271: Professional Educator Series: Inclusivity in Practice 1

Complete 3 courses:  
Specialization Area Course 8-9 C

Term hours subtotal: 15-16

Term 5 59 - 73 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ TEL 355: Internship: Initial 1 C

- TEL 310 and TEL 318 may be taken in Term 4. See an academic advisor for more information.

SPE 321: Classroom and SPE Assessment 3 C

SPE 411: Special Education History and Law 3 C

TEL 310: Instructional Thought and Action: Instructional Design and Planning 3 C

TEL 318: Instructional Thought and Action: Assessment for Learning 3 C

TEL 370: Professional Educator Series: Building a Professional Network 1

Term hours subtotal: 14

Term 6 73 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ TEL 366: Internship: Intermediate 1 C

- Complete an in person or virtual practice interview.

EED 412: Mathematics in Elementary Schools 3 C

SPE 323: Effective Practices and Behavior Interventions: Supports for Exceptional Students 3 C

SPE 424: Evidence-Based Practices for Students with Intensive Exceptional Needs 3 C

TEL 317: Instructional Thought and Action: Learning Environment and Management 3 C

TEL 331: Foundations of Literacy: The Science of Reading 3 C

TEL 371: Professional Educator Series: Educational Policies 1

★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).

Term hours subtotal: 17

Term 7 90 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
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★ TEL 477: Internship: Advanced 2 C

- Students choose a Specialization Area which can be an approved certificate or a personalized interest area. Students select appropriate courses in consult with their academic advisor.

RDG 413: Literacy Methods of Instruction and Assessment for Diverse Learners 3 C

SPE 423: Evidence-Based Practices for Students with Exceptional Needs 3 C

SPE 430: Professional Practices, Foundations, and Collaborative Teaching in Special Education (L)	3	C
TEL 340: Families, Communities and Cultures: Cultivating Networks of Culturally Responsive Relationships (SB)	3	C
TEL 470: Professional Educator Series: Career Growth and Planning	1	
Specialization Area Course	3	C
Term hours subtotal:	18	

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TEL 488: Student Teaching	11	C	
TEL 471: Professional Educator Series: The Principled Educator	1		
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.







## 2023 - 2024 Major Map

### Special Education (Visual Impairment), BAE

School/College: Mary Lou Fulton Teachers College

Location: Tempe, West

TESPEVIBAE

Term 1 0 - 17 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
<ul style="list-style-type: none"> <li>ENG 101 or ENG 102: First-Year Composition OR</li> <li> ENG 105: Advanced First-Year Composition OR</li> <li>ENG 107 or ENG 108: First-Year Composition</li> </ul>	3	C	<ul style="list-style-type: none"> <li>• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students</li> <li>• Students should work with their academic advisor to select the appropriate math course.</li> <li>• Join <b>astudent club</b> or professional organization.</li> </ul>
MAT 117: College Algebra (MA) OR MAT 142: College Mathematics (MA)	3	C	
TEL 101: Professional Educator Series: The Student Experience	1		
TEL 111: Exploration of Education (SB)	3	C	
TEL 208: Literacy in a Changing World (HU)	3	C	
Natural Science - Quantitative (SQ)	4		
Term hours subtotal:	17		
Term 2 17 - 31 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
<ul style="list-style-type: none"> <li>ENG 101 or ENG 102: First-Year Composition OR</li> <li> ENG 105: Advanced First-Year Composition OR</li> <li>ENG 107 or ENG 108: First-Year Composition</li> </ul>	3	C	<ul style="list-style-type: none"> <li>• Apply for an identify verified print (IVP) fingerprint clearance card <a href="#">online</a>.</li> <li>• Your IVP fingerprint card will be needed for professional classroom experiences</li> </ul>
SCN 202: Sustainability Science Literacy for Engaged Global Citizens (SG & G) OR SCN 208: Nature and Society: An Introduction to Environmental Studies (SG & G)	4	C	
TEL 171: Professional Educator Series: Equity in Education	1		
TEL 212: Understanding the Culturally Diverse Learner (HU & C)	3	C	
TEL 215: Introduction to Child and Adolescent Development (SB)	3	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	14		
Term 3 31 - 44 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
<ul style="list-style-type: none"> <li> TEL 203: Collaborating, Planning and Implementing Instruction in Diverse Contexts</li> </ul>	3	C	<ul style="list-style-type: none"> <li>• GCU 113 meets the US and AZ constitution requirements for AZ teacher certification.</li> <li>• Develop your <b>skills</b></li> </ul>
EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	3	C	
MTE 280: Numbers, Operations and Proportional Reasoning for K-8 Teaching	3	C	
TEL 270: Professional Educator Series: Connecting Research to Practice	1		

Historical Awareness (H) ( GCU 113 recommended) 3

❖ Complete Mathematics (MA) requirement.

Term hours subtotal: 13

Term 4 44 - 60 Credit Hours <b>Critical course signified by</b> ❖	Hours	Minimum Grade	Notes
❖ SPE 222: Orientation to Education of Exceptional Children (SB & C)	3	C	<ul style="list-style-type: none"> <li>• Students choose a Specialization Area which can be an approved certificate or a personalized interest area. Students select appropriate courses in consult with their academic advisor.</li> </ul>
BLE 220: Foundations of Structured English Immersion (L)	3	C	
TEL 271: Professional Educator Series: Inclusivity in Practice	1		
Complete 2 courses: Specialization Area Course	6	C	
Upper Division Humanities, Arts and Design (HU) OR Upper Division Social-Behavioral Sciences (SB)	3		
Term hours subtotal:	16		

Term 5 60 - 75 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ SPE 396: Clinical Experience I	2	C	
SPE 411: Special Education History and Law	3	C	
SPE 441: Reading and Writing Braille	3	C	
SPE 443: Foundations of Instruction for Students with Visual Impairments	3	C	
SPE 445: Orientation and Mobility for Teachers of the Visually Impaired	3	C	
TEL 370: Professional Educator Series: Building a Professional Network	1		
Term hours subtotal:	15		

Term 6 75 - 90 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ SPE 397: Clinical Experience II	2	C	<ul style="list-style-type: none"> <li>• Complete an in person or virtual practice interview</li> </ul>
SPE 323: Effective Practices and Behavior Interventions: Supports for Exceptional Students	3	C	
SPE 424: Evidence-Based Practices for Students with Intensive Exceptional Needs	3	C	
SPE 442: Teaching Methodologies for Students with Visual Impairments	3	C	
TEL 331: Foundations of Literacy: The Science of Reading	3	C	
TEL 371: Professional Educator Series: Educational Policies	1		
★ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 90 - 108 Credit Hours <b>Necessary course signified by</b> ★	Hours	Minimum Grade	Notes
★ SPE 496: Clinical Experience III	2	C	
EED 412: Mathematics in Elementary Schools	3	C	
RDG 413: Literacy Methods of Instruction and Assessment for Diverse Learners	3	C	
SPE 430: Professional Practices, Foundations, and Collaborative Teaching in Special Education (L)	3	C	

SPE 444: Diagnostic and Assessment: Procedures for the Visually Impaired	3	C
SPE 446: Modes of Communication	3	C
TEL 470: Professional Educator Series: Career Growth and Planning	1	
Term hours subtotal:	18	

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ SPE 447: Student Teaching for Teachers of the Visually Impaired	11	C	
TEL 471: Professional Educator Series: The Principled Educator	1		
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.

**Total Hours:** 120  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

- General Studies Core Requirements:
- Literacy and Critical Inquiry (L)
  - Mathematical Studies (MA)
  - Computer/Statistics/Quantitative Applications (CS)
  - Humanities, Arts and Design (HU)
  - Social-Behavioral Sciences (SB)
  - Natural Science - Quantitative (SQ)
  - Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.









## 2023 - 2024 Major Map

### Exploratory Health and Life Sciences

School/College: [University College](#)

Location: [Downtown Phoenix, Polytechnic, Tempe, ASU at Lake Havasu](#)

UCHSCIEXP

Term 1 0 - 15 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ASU 101-UC: The ASU Experience	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First Year Seminar required of all first-year students.</li> <li>Select your <b>career interest communities</b> and play <b>me3@ASU</b>.</li> <li>Consult with your academic advisor on an elective course. Suggested options:FIN 123, PPE 240, UNI 120.</li> </ul>
 ASU 230: Life by Design	3		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Mathematics (MA)	3	C	
Natural Science - Quantitative (SQ)	4	C	
Elective	1		
Term hours subtotal:	15		
Term 2 15 - 30 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 UNI 250: ASU by Design: Choosing a Major	1		<ul style="list-style-type: none"> <li>Join a <b>student club</b> or professional organization.</li> <li>Consider what experiential learning opportunities you want to pursue.</li> <li>Consult with your academic advisor on an elective course. Suggested options:FIN 123, PPE 240, UNI 120.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4	C	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Elective	1		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		
Term 3 30 - 45 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 Natural Science - Quantitative (SQ)	4	C	<ul style="list-style-type: none"> <li>Secure a <b>part-time job</b> or <b>volunteer experience</b>.</li> </ul>
UNI 270: Work by Design: Preparing for a Career	1		
Computer/Statistics/Quantitative Applications (CS)	3		
Literacy and Critical Inquiry (L)	3		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Elective	1		

Complete Mathematics (MA) requirement.

Milestone: Selection of a major.

Term hours subtotal: 15

Hide Course List(s)/Track Group(s)

**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.
- Students considering ASU majors which require a second language may consult with an academic advisor to consider a second language course for any term.

**Total Hours:** 45

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.










## 2023 - 2024 Major Map

### Exploratory Health and Life Sciences

School/College: [University College](#)




Location: [Online ASU Local](#)

UCHSCIEXP

Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ASU 101-UC: The ASU Experience	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First Year Seminar required of all first-year students.</li> <li>Select your <b>career interest communities</b> and play <b>me3@ASU</b>.</li> <li>Consult with your academic advisor on an elective course based on your interests.</li> </ul>
 ASU 230: Life by Design	3		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		
Term 1 - B 7 - 15 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> </ul>
Natural Science - Quantitative (SQ)	4	C	
Elective	1		
Term hours subtotal:	8		
Term 2 - A 15 - 22 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 UNI 250: ASU by Design: Choosing a Major	1		
Computer/Statistics/Quantitative Applications (CS)	3		
Mathematics (MA)	3	C	
Term hours subtotal:	7		
Term 2 - B 22 - 30 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4	C	<ul style="list-style-type: none"> <li>Join a <b>student club</b> or professional organization.</li> <li>Consider what experiential learning opportunities you want to pursue.</li> </ul>
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Elective	1		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	8		
Term 3 - A 30 - 37 Credit Hours	Hours	Minimum Grade	Notes
UNI 270: Work by Design: Preparing for a Career	1		

Literacy and Critical Inquiry (L)	3
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3
Term hours subtotal:	7

- Secure a part-time job or volunteer experience.

Term 3 - B 37 - 45 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 Natural Science - Quantitative (SQ)	4	C	
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Elective	1		
 Complete Mathematics (MA) requirement.			
Milestone: Selection of a major.			
Term hours subtotal:	8		

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Students considering ASU majors which require a second language may consult with an academic advisor to consider a second language course for any term.

**Total Hours:** 45

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.










## 2023 - 2024 Major Map

### Exploratory Humanities, Fine Arts and Design

School/College: [University College](#)

Location: [Downtown Phoenix, Polytechnic, Tempe, ASU at Lake Havasu](#)

UCHUFAEXPL

Term 1 0 - 13 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ASU 101-UC: The ASU Experience	1		<ul style="list-style-type: none"> <li>ASU 101 or college specific equivalent First Year Seminar required of all first-year students.</li> <li>Select your <b>career interest communities</b> and play <b>me3@ASU</b>.</li> </ul>
 ASU 230: Life by Design	3		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Humanities, Arts and Design (HU)	3	C	
Mathematics (MA)	3		
Term hours subtotal:	13		
Term 2 13 - 28 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 UNI 250: ASU by Design: Choosing a Major	1		<ul style="list-style-type: none"> <li>Join a <b>student club</b> or professional organization.</li> <li>Consider what experiential learning opportunities you want to pursue.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Humanities, Arts and Design (HU) AND Global Awareness (G)	3	C	
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3		
Elective	1		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		
Term 3 28 - 45 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 Natural Science - Quantitative (SQ)	4		<ul style="list-style-type: none"> <li>Secure a <b>part-time job</b> or volunteer experience.</li> </ul>
UNI 270: Work by Design: Preparing for a Career	1		
Computer/Statistics/Quantitative Applications (CS)	3		
Historical Awareness (H)	3		
Literacy and Critical Inquiry (L)	3		
Social-Behavioral Sciences (SB)	3		
 Complete Mathematics (MA) requirement.			

Milestone: Selection of a major.

Term hours subtotal: 17

Hide Course List(s)/Track Group(s)

**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.
- Students considering ASU majors which require a second language may consult with an academic advisor to consider a second language course for any term.

**Total Hours:** 45

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.




## 2023 - 2024 Major Map

### Exploratory Humanities, Fine Arts and Design



School/College: [University College](#)

Location: [Online ASU Local](#)



UCHUFAEXPL

Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ASU 101-UC: The ASU Experience	1		<ul style="list-style-type: none"> <li>ASU 101 or college specific equivalent First Year Seminar required of all first-year students.</li> <li>Select your <b>career interest communities</b> and play <b>me3@ASU</b>.</li> </ul>
 ASU 230: Life by Design	3		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 14 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> <li>Consult with your academic advisor on an elective course based on your interests.</li> </ul>
Humanities, Arts and Design (HU)	3	C	
Elective	1		
Term hours subtotal:	7		



Term 2 - A 14 - 21 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 UNI 250: ASU by Design: Choosing a Major	1		
Humanities, Arts and Design (HU) AND Global Awareness (G)	3	C	
Mathematics (MA) ( MAT 142 recommended)	3		
Term hours subtotal:	7		

Term 2 - B 21 - 28 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		<ul style="list-style-type: none"> <li>Join a <b>student club</b> or professional organization.</li> <li>Consider what experiential learning opportunities you want to pursue.</li> </ul>
Social-Behavioral Sciences (SB)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	7		

Term 3 - A 28 - 36 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 Natural Science - Quantitative (SQ)	4		
UNI 270: Work by Design: Preparing for a Career	1		

Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C) 3

Term hours subtotal: 8

Term 3 - B 36 - 45 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
Computer/Statistics/Quantitative Applications (CS)	3		• Secure a part-time job or volunteer experience
Historical Awareness (H)	3		
Literacy and Critical Inquiry (L)	3		
 Complete Mathematics (MA) requirement.			
Milestone: Selection of a major.			
Term hours subtotal:	9		

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Students considering ASU majors which require a second language may consult with an academic advisor to consider a second language course for any term.

**Total Hours:** 45  
**Upper Division Hours:** 45 minimum  
**Major GPA:** 2.00 minimum  
**Cumulative GPA:** 2.00 minimum  
**Total hrs at ASU:** 30 minimum  
**Hrs Resident Credit for Academic Recognition:** 56 minimum  
**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.








## 2023 - 2024 Major Map

### Exploratory Math, Physical Sciences, Engineering and Technology

School/College: [University College](#)

Location: [Downtown Phoenix, Polytechnic, Tempe](#)

UCEMTPEXPL

Term 1 0 - 14 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes	
 ASU 101-UC: The ASU Experience	1		<ul style="list-style-type: none"> <li>ASU 101 or College specific equivalent First Year Seminar required of all first-year students.</li> <li>Select your <b>career interest communities</b> and play me3@ASU.</li> </ul>	
 ASU 230: Life by Design	3			
MAT 117: College Algebra (MA) OR MAT 170: Precalculus (MA) OR MAT 171: Precalculus: Science, Technology, Engineering and Mathematics (STEM) (MA) OR MAT 265: Calculus for Engineers I (MA) OR MAT 266: Calculus for Engineers II (MA) OR MAT 267: Calculus for Engineers III (MA) OR MAT 270: Calculus with Analytic Geometry I (MA) OR MAT 271: Calculus with Analytic Geometry II (MA) OR MAT 272: Calculus with Analytic Geometry III (MA)	3-4	C		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C		
Natural Science - Quantitative (SQ)	4			
Term hours subtotal:	14-15			
<b>Term 2 14 - 31 Credit Hours <b>Critical course signified by</b> </b>	<b>Hours</b>	<b>Minimum Grade</b>		<b>Notes</b>
MAT 117: College Algebra (MA) OR MAT 170: Precalculus (MA) OR MAT 171: Precalculus: Science, Technology, Engineering and Mathematics (STEM) (MA) OR MAT 265: Calculus for Engineers I (MA) OR MAT 266: Calculus for Engineers II (MA) OR MAT 267: Calculus for Engineers III (MA) OR MAT 270: Calculus with Analytic Geometry I (MA) OR MAT 271: Calculus with Analytic Geometry II (MA) OR MAT 272: Calculus with Analytic Geometry III (MA)	3-4	C		<ul style="list-style-type: none"> <li>Join a <b>student club</b> or professional organization.</li> <li>Consider what experiential learning opportunities you want to pursue.</li> </ul>
 UNI 250: ASU by Design: Choosing a Major	1			
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3			
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4			
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3			
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).				
Term hours subtotal:	17-18			
<b>Term 3 31 - 47 Credit Hours <b>Critical course signified by</b> </b>	<b>Hours</b>	<b>Minimum Grade</b>	<b>Notes</b>	

MAT 117: College Algebra (MA) OR MAT 170: Precalculus (MA) OR MAT 171: Precalculus: Science, Technology, Engineering and Mathematics (STEM) (MA) OR MAT 265: Calculus for Engineers I (MA) OR MAT 266: Calculus for Engineers II (MA) OR MAT 267: Calculus for Engineers III (MA) OR MAT 270: Calculus with Analytic Geometry I (MA) OR MAT 271: Calculus with Analytic Geometry II (MA) OR MAT 272: Calculus with Analytic Geometry III (MA)	3-4	C
UNI 270: Work by Design: Preparing for a Career	1	
Computer/Statistics/Quantitative Applications (CS)	3	
Humanities, Arts and Design (HU)	3	
Literacy and Critical Inquiry (L)	3	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3	
Complete Mathematics (MA) requirement.		
Milestone: Selection of a major.		
Term hours subtotal:	16-17	

- Secure a part-time job or volunteer experience.

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Students considering ASU majors which require a second language may consult with an academic advisor to consider a second language course for any term.
- Students should consider completing Global, Historical, and Cultural Awareness requirements with their Social and Behavioral or Humanities and Fine Arts courses.

**Total Hours:** 47

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition



General Studies designations listed on the major map are current for the 2023 - 2024 academic year.




## 2023 - 2024 Major Map



### Exploratory Math, Physical Sciences, Engineering and Technology




School/College: [University College](#)




Location: [Online ASU Local](#)

UCEMTPEXPL

Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ASU 101-UC: The ASU Experience	1		<ul style="list-style-type: none"> <li>ASU 101 or college-specific equivalent First Year Seminar required of all first-year students.</li> <li>Select your <b>career interest communities</b> and play <b>me3@ASU</b>.</li> </ul>
 ASU 230: Life by Design	3		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		

Term 1 - B 7 - 13 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
MAT 117: College Algebra (MA) OR MAT 170: Precalculus (MA)  OR MAT 265: Calculus for Engineers I (MA) OR MAT 266: Calculus for Engineers II (MA) OR MAT 267: Calculus for Engineers III (MA)	3	C	<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> <li>Consult with your academic advisor on an elective course based on your interests.</li> </ul>
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	6		

Term 2 - A 13 - 20 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
MAT 117: College Algebra (MA) OR MAT 170: Precalculus (MA) OR  MAT 265: Calculus for Engineers I (MA) OR MAT 266: Calculus for Engineers II (MA) OR MAT 267: Calculus for Engineers III (MA)	3	C	<ul style="list-style-type: none"> <li>Join a <b>student club</b> or professional organization.</li> <li>Consider what experiential learning opportunities you want to pursue.</li> </ul>
 UNI 250: ASU by Design: Choosing a Major	1		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Term hours subtotal:	7		

Term 2 - B 20 - 27 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 Natural Science - Quantitative (SQ)	4		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	7		

Term 3 - A 27 - 34 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
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⚠ MAT 117: College Algebra (MA) OR MAT 170: Precalculus (MA) OR MAT 265: Calculus for Engineers I (MA) OR MAT 266: Calculus for Engineers II (MA) OR MAT 267: Calculus for Engineers III (MA)	3	C
UNI 270: Work by Design: Preparing for a Career	1	
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3	
Term hours subtotal:	7	

Term 3 - B 34 - 41 Credit Hours Critical course signified by ⚠	Hours	Minimum Grade	Notes
⚠ Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		• Secure a part-time job or volunteer experience.
Computer/Statistics/Quantitative Applications (CS)	3		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	7		

Term 4 - A 41 - 47 Credit Hours	Hours	Minimum Grade	Notes
Literacy and Critical Inquiry (L)	3		
Humanities, Arts and Design (HU)	3		
Milestone: Selection of a major.			
Term hours subtotal:	6		

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Students considering ASU majors which require a second language may consult with an academic advisor to consider a second language course for any term.
- Students should consider completing Global, Historical, and Cultural Awareness requirements with their Social and Behavioral or Humanities and Fine Arts courses.

**Total Hours:** 47

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)

- Global Awareness (G)
- Historical Awareness (H)

#### First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.




## 2023 - 2024 Major Map




### Exploratory Social and Behavioral Sciences




School/College: [University College](#)

Location: [Downtown Phoenix, Polytechnic, Tempe, ASU at Lake Havasu](#)

UCSBSEXPL

Term 1 0 - 16 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ASU 101-UC: The ASU Experience	1		<ul style="list-style-type: none"> <li>ASU 101 or College specific equivalent First Year Seminar required for all first-year students.</li> <li>Select your <b>career interest communities</b> and play <b>me3@ASU</b>.</li> </ul>
 ASU 230: Life by Design	3		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Humanities, Arts and Design (HU)	3		
Mathematics (MA)	3		
Social-Behavioral Sciences (SB)	3	C	
Term hours subtotal:	16		

Term 2 16 - 31 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 UNI 250: ASU by Design: Choosing a Major	1		<ul style="list-style-type: none"> <li>Join a <b>student club</b> or professional organization.</li> <li>Consider what experiential learning opportunities you want to pursue.</li> </ul>
Computer/Statistics/Quantitative Applications (CS)	3		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Natural Science - Quantitative (SQ)	4		
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3	C	
Elective	1		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	15		

Term 3 31 - 45 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		<ul style="list-style-type: none"> <li>Secure a <b>part-time job</b> or volunteer experience.</li> </ul>
UNI 270: Work by Design: Preparing for a Career	1		
Global Awareness (G)	3		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Literacy and Critical Inquiry (L)	3		
 Complete Mathematics (MA) requirement.			
Milestone: Selection of a major.			

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Term hours subtotal: 14

Hide Course List(s)/Track Group(s)

**Notes:**

- **First-Year Composition:** All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- **Mathematics Placement Assessment** score determines placement in first mathematics course.
- Students considering ASU majors which require a second language may consult with an academic advisor to consider a second language course for any term.

**Total Hours:** 45

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.









## 2023 - 2024 Major Map

### Exploratory Social and Behavioral Sciences

School/College: [University College](#)

Location: [Online ASU Local](#)

UCSBSEXPL

Term 1 - A 0 - 7 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 ASU 101-UC: The ASU Experience	1		<ul style="list-style-type: none"> <li>ASU 101 or College specific equivalent First Year Seminar required of all first-year students.</li> <li>Select your <b>career interest communities</b> and play <b>me3@ASU</b>.</li> </ul>
 ASU 230: Life by Design	3		
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	
Term hours subtotal:	7		
Term 1 - B 7 - 14 Credit Hours	Hours	Minimum Grade	Notes
ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> <li>View ASU Online first-year student registration information <a href="#">here</a>.</li> <li>Consult with your academic advisor on an elective course based on your interests.</li> </ul>
Social-Behavioral Sciences (SB)	3	C	
Elective	1		
Term hours subtotal:	7		
Term 2 - A 14 - 21 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
 UNI 250: ASU by Design: Choosing a Major	1		<ul style="list-style-type: none"> <li>Join a <b>student club</b> or professional organization.</li> </ul>
Social-Behavioral Sciences (SB) AND Cultural Diversity in the U.S. (C)	3	C	
Mathematics (MA) ( MAT 142 recommended)	3		
Term hours subtotal:	7		
Term 2 - B 21 - 28 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes
Natural Science - Quantitative (SQ)	4		<ul style="list-style-type: none"> <li>Consider what experiential learning opportunities you want to pursue.</li> </ul>
Computer/Statistics/Quantitative Applications (CS)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	7		
Term 3 - A 28 - 36 Credit Hours <b>Critical course signified by</b> 	Hours	Minimum Grade	Notes

◆ Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4
UNI 270: Work by Design: Preparing for a Career	1
Humanities, Arts and Design (HU)	3
Term hours subtotal:	8

- Secure a part-time job or volunteer experience.

Term 3 - B 36 - 45 Credit Hours Critical course signified by ◆	Hours	Minimum Grade	Notes
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
Global Awareness (G)	3		
Literacy and Critical Inquiry (L)	3		
◆ Complete Mathematics (MA) requirement.			
Milestone: Selection of a major.			
Term hours subtotal:	9		

Hide Course List(s)/Track Group(s)

**Notes:**

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: <https://cisa.asu.edu/DSP>
- Mathematics Placement Assessment score determines placement in first mathematics course.
- Students considering ASU majors which require a second language may consult with an academic advisor to consider a second language course for any term.

**Total Hours:** 45

**Upper Division Hours:** 45 minimum

**Major GPA:** 2.00 minimum

**Cumulative GPA:** 2.00 minimum

**Total hrs at ASU:** 30 minimum

**Hrs Resident Credit for**

**Academic Recognition:** 56 minimum

**Total Community College Hrs:** 64 maximum

**General University Requirements Legend**

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
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- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed on the major map are current for the 2023 - 2024 academic year.